

WELL ACTIVITY REPORT
State Oil and Gas Board of Alabama

For the week of March 6 – March 12, 2023
Report Date: March 13, 2023

This report contains weekly well activity reported by operators on the first working day of the week in accordance with Rules 400-1-3-.01, 400-2-3-.01, and 400-3-3-.01. The report is separated alphabetically by counties into two sections: ACTIVE (includes wells being drilled or completed) and NEW PERMITS (wells permitted during the preceding week).

PERMIT NUMBER SYMBOL KEY

-----A = Reentry	-----B = Directional Well
-----BH = Sidetrack Horizontal	-----C = Coalbed Methane Well
-----CG = Coalbed Methane Gob Well	-----CH = Coalbed Methane Horizontal Borehole
-----GI = Gas Injection Well	-----GS = Gas Storage Well
-----OS = Offshore Well	-----SWD = Saltwater Disposal Well)
-----WI = Water Injection Well	*----- = Confidential Well

ACTIVE WELLS

Clark County

South Carlton Field
1723-WI-22-04

South Carlton Operating Company, LLC. Scottie "A" #1. 660' FNL & 810' FWL. S10, T3N, R2E. 12/2/2022 MI WOR. Pull pump and rods. Ran CBL. TOC @ 4864'. 12/10/2022 Packer set at 5,233'. Csg/pkr/tbg tested to 500 psi with no leak off. RD and release rig due to imminent flooding along the Alabama River. 12/12/2022 Good MIT charted to 500 psi. 1/25/2023 Approved application to convert and proceed with injecting fluids. **3/12/2023 Off report.** (API CODE NO. 01-025-20028-00-02).

Conecuh County

Brooklyn Field
17323-B-1

Fletcher Petroleum Corp. Pate 2-13 #1 ST. 660' FNL & 660' FEL. S10, T3N, R13E. 11/28/2022 NDNU. Cut tbg @ 11,710' leaving pkr as a CIBP. Test csg to 790#. Good test witnessed by Paul Matthews. Pumped 3 bbls F/W, 5.25 bbls cmt (25 sks class "H" cmt @ 15.4 ppg with 1.18 yld added .50 gallon each of liquid retarder & friction reducer), displaced with 1 bbl F/W & 65.5 bbls S/W. Balance calculated 11,678' - 11,452' (226'). 11/29/2022 Well static. POOH. Removed bolts from csg head, P/U tbg spool with bops & set to side. Welded on 5-1/2" lift nipple. Removed hanger & worked csg many times to get a fairly consistent reading showing free point @ +/- 3,650'. 11/30/2022 Well static.. R/U Cased Hole WL & ran EL free point. Found 100% free @ 3,700' & 70% @ 3,800'. POOH & L/D free point tools. Made up 4.50" Owens jet cutter, RIH to 3,700', pressure up to 200# on 5-1/2" & fired cutter. POOH L/D lift nipple with landing jt (+/-20') & 5 jts. POOH L/D total of 50 full jts plus landing jt. 12/1/2022 Well static. POOH laying down rest of 5-1/2" 17# LTC csg. RIH to 3685'. Pumped 15 bbls F/W, 22.45 bbls cmt(130 sks Premium cmt with additives @ 17.2 ppg w/0.97 yld) displaced with 1 F/W & 18.5 bbls S/W. Shut down with good balance. Plug calculated 3,685' - 3,383' (302'). Install OSSCI dry hole flange. 1/1/2023 Begin MIRU WT 18 drilling rig. 1/6/2023 Finishing nippling up of BOP/Flowline, etc. Will test BOP. About 80% rigged up. HWDP, Reg drill pipe, drilling jar, WT-18 rig swivel. Mud Engineer, centrifuge tech all on the way to start mixing mud, picking up pipe to RIH w/prescribed directional tools in BHA to run in and polish kick-off plug w/tooth bit. 1/8/2023 NU BOP, Set up rig floor, Test BOPs TIW, etc 250L - 5000H, Choke 250L - 5000H, Annular 250L, 3500H - Hydril 250L - 3500H (Held for 30 min; good test). Drill rat hole. 1/10/2023 MU BHA, Directional tools, MWD tools. TIH t/3,345. Wash and ream to 3,466. Drill f/3,466' t/3,490'. MW 8.6 Vis 40. 1/11/2023 Drill f/3,490' t/4,224'. Bit trip. MW 8.6 Vis 40. 1/12/2023 Drill f/3,811' t/4,224'. Bit trip. Drill f/4,224' t/5,845. Survey @ 5,663' MW 8.95 Vis 37. 1/13/2023 Drill/slide f/5,845' t/7751'. MW 8.95 Vis 37. 1/14/2023 Drill f/7,751' t/8,895'. Survey @ 8,713' MW 9.15 Vis 44. 1/15/2023 Drill/slide f/8,895'

t/9,785'. Bit trip. MW 9.4 Vis 45. 1/16/2023 Test BOPs. TIH. Wash and ream @ 150'. Drill f/9,785' t/10,070' MW 9.25 Vis 42. 1/17/23 Rotate and slide f/10,070' t/10,610'. Drill f/10,610' t/11,023'. Survey @ 10,610' MW 9.4 Vis 40. 1/18/2023 Rotate and slide f/11,023' f/11,129'. POOH PU new BHA. TIH. MW 9.35 Vis 41. 1/19/2023 TIH. Wash and Ream f/11,073' t/11,129'. Rotate and slide f/11,129' t/11,751'. Surveys @ 11,466, 11,751. MW 9.35 Vis 42. 1/20/2023 Rotate and slide f/11,751' t/12,000'. Drill f/12,000' t/12,155'. Surveys @ 11,871', 12,000'. MW 9.35 Vis 42. 1/21/2023 Rotate and slide f/12,155' t/12,182'. Wiper trip. Circ plug. Trip to PU core barrels. TIH w/BHA. Survey @ 12,182'. MW 9.25, Vis 40. 1/22/2023 RIH. Wash and ream F/12,140' t/12,182'. Core f/12,182' t/12,272' (90' core). Pump slug. POOH. MW 9.25 Vis 44. 1/23/2023 LD and cut core barrels. PU motor and bit. TIH t/9,250' circ. Prep to POOH. MW 9.3 Vis 42. 1/24/2023 POOH to log. LD mud motor. RU WL truck. TIH to 4500' to circ. Wash and ream through 4,190' t/4,635'. Raise vis to 50. Pump slug. POOH to log. Log from 12,302' to surface. RD WL. MW 9.35 Vis 45. 1/25/2023 POOH. TIH and wait on orders. MW 9.35 Vis 45. 1/26/2023 RU cmt crew. Pump 500' bottom plug @ 12,272'-11,772'. POOH leaving 2500' in derrick for disposal. MW 9.35 Vis 45. 1/27/2023 Set disposal pkr and test to 1500 psi for 30 min. Good test. Charted. Begin RD. MW 9.35 Vis 45. 1/30/2022 RDMO rig. (API CODE NO. 01-035-20365-01-00).

Southwest Range Field

17427-B ESE Operating LLC. A. E. Davis 29-9 #2. 1,494' FSL & 1,137' FEL. S29, T4N, R8E. (API CODE NO. 01-035-20377-00-00).

Jefferson County

Oak Grove Coal Degasification Field

17384-CG Black Warrior Methane Corp. RGGS 18-03-08. 344' FNL & 1,943' FWL. S18, T19S, R6W. 6/27/2021 Spud well. 7/1/2021 Set 13 3/8" surface casing at 469' with 450 sks cement. 7/2/2021 TD well 1,215'. 7/3/2021 Set 9 5/8" production casing at 509' with 300 sacks cement. 7/6/2021 Ran log. (API CODE NO. 01-073-21906-00-00).

17388-CG Black Warrior Methane Corp. RGGS 07-15-08. 680' FSL & 1,960' FEL. S7, T19S, R6W. 8/23/2021 Spud well. 8/25/2021 Set 13 3/8" surface casing at 665' with 450 sks cmt. 8/27/2021 TD well at 1375'. Set 9 5/8" prod. csg. w/200 sks cmt. (API CODE NO. 01-073-21907-00-00).

17420-CG Black Warrior Methane Corp. West 13-12-03. 2,543' FSL & 429' FWL. S13, T19S, R7W. (API CODE NO. 01-073-21918-00-00).

17421-CG Black Warrior Methane Corp. West 13-06-04. 2,191' FNL & 1,637' FWL. S13, T19S, R7W. (API CODE NO. 01-073-21919-00-00).

17425-C PGP Operating, LLC. RGGS 22-04-17-04-13-2206. 249' FSL & 280' FWL. S4, T17S, R4W. (API CODE NO. 01-073-21920-00-00).

17426-CG Black Warrior Methane Corp. RGGS 35-05-01. 2,453' FNL & 440' FWL. S35, T18S, R7W. 12/6/2022 Spud well. 12/7/2022 Set 13 3/8" surface casing at 321' with 300 sks cement. 12/9/2022 TD well at 1250'. Set 9 5/8" production casing at 657' with 225 sks cement. (API CODE NO. 01-073-21921-00-00).

17428-C PGP Operating, LLC. RGGS 22-08-18-05-13-2201. 481' FSL & 218' FWL. S8, T18S, R5W. (API CODE NO. 01-073-21922-00-00).

17429-C PGP Operating, LLC. RGGS 22-21-18-05-13-2202. 746' FSL & 602' FWL. S21, T18S, R5W. (API CODE NO. 01-073-21923-00-00).

17430-C PGP Operating, LLC. RGGS 22-25-18-05-13-2204. 823' FSL & 534' FWL. S25, T18S, R5W. (API CODE NO. 01-073-21924-00-00).

17431-C PGP Operating, LLC. RGGS 22-24-18-05-02-2205. 179' FNL & 2,196' FEL. S24, T18S, R5W. (API CODE NO. 01-073-21925-00-00).

17432-C PGP Operating, LLC. RGGS 22-22-18-05-16-2203. 335' FSL & 888' FEL. S26, T18S, R5W. (API CODE NO. 01-073-21926-00-00).

17434-CG Black Warrior Methane Corp. West 13-02-16. 394' FNL & 1,557' FEL. S13, T19S, R7W. (API CODE NO. 01-073-21927-00-00).

17435-CG Black Warrior Methane Corp. West 13-03-15. 1,039' FNL & 2,344' FWL. S13, T19S, R7W. (API CODE NO. 01-073-21928-00-00).

17437-CG Black Warrior Methane Corp. RGGS 34-09-12. 1,931' FSL & 1,145' FEL. S34, T18S, R7W. (API CODE NO. 01-073-21929-00-00).

17438-CG Black Warrior Methane Corp. RGGS 34-14-03. 583' FSL & 1,724' FWL. S34, T18S, R7W. (API CODE NO. 01-073-21930-00-00).

Lamar County

Star Field
5450-A

Land and Natural Resource Development Inc. Shepherd 20-1 #1. 688' FNL & 666' FEL. S20, T16S, R15W. 1/9/2023 Waiting on rig. (API CODE NO. 01-075-20759-00-03).

Wildcat
2407-A

Land and Natural Resources. CC Day #3. 720' FSL & 840' FEL. S1, T16S, R16W. 6/21/2022 Dug up old well head. Cut off cap and welded on bell nipple. 6/27/22 MO Capstone. 6/28/2022 RU Capstone. Drilled cement plugs 20-60'. Tagged 2nd plug at 390'. Drilled cement 390-510'. 6/29/2022 Drilled cement plug 510-605'. Drilled 3rd cement plug 1630-1870'. GIH to 3818' Tagged bottom cement plug. Test plug and casing to 1500 psi. 6/30/2022 POH. RU Cased Hole wireline. Ran CBL 3720-500'. TOC 890'. GIH and perforate Pottsville A sand 3374-3386' 4 SPF with 3 1/8" casing gun. GIH with 2 3/8" tubing. Set Arrow 4 1/2" packer at 3332'. Test packer with 1000 psi. RU pump truck and broke down perfs with 3300 psi. PI at 1 bpm 1200 psi. Closed in well. Waiting to swab. 7/10/2022 Preparing to install production equipment to test well. 8/7/2022 Waiting to install production equipment and lay pipeline. 11/7/2022 Moved production equipment to Stardust location. 11/9/2022 Opened well. Flowing to Stardust location. 11/14/2022 Flowing and testing well. 1/6/2023 Filing petition for OGB hearing to establish field rules. 1/29/2023 Waiting to frac. 2/15/2023 Reliance Well service 20,000 lb frac. 2/16/2023 Flowing back and test well. 2/27/2023 30 day test period. (API CODE NO. 01-075-20125-00-01).

13979

Jabsco Oil Operating, LLC. Richards 35-2 #1. 1,190' FNL & 1,962' FEL. S35, T16S, R14W. 10/6/2022 Replace wellhead valve with hydro-tested unit. 10/7/2022 MI Workover Unit. 10/10/2022 RU Workover Unit; kill well with 60 bbl KCL water; ND wellhead; NU BOP's; TOOH with tubing and packer; MI/RU Wireline; TIH with CIBP-set at 3800' to isolate Lewis Perforations; Dump-bail 10' cement on top of CIBP; RD wireline; PU PL packer/sn and TIH with 2 3/8" tubing; set packer at 3368' (EOT); ND BOP's; NU wellhead assembly; Testing tubing packer, and CIBP to 450 psi at surface – test is good; RU wireline; Perforate Millerella sand from 3406' -3415' with 6 spf @ 0 degree phasing (0.26" entry holes); RD wireline and workover units; swab and test. 10/11/2022 Testing. 10/14/2022 Prepare for acidizing - Job scheduled for 10/19/22. 10/19/2022 MIRU eastern acid pump, transport, and vacuum truck with 13 bbl 2% KCL water. Attempt to acidize Millerella sand perfs; could not establish injection rate; keep Pressure on for 6 hours; formation will not break down. Perfs stopped up; RD acid unit and swab well bore dry. Fill tubing with 2% KCL water. SDFN. 10/20/2022 Swab tubing dry; recover remaining acid from tubing. SI well. Preparing to re-perforate Millerella sand interval. 10/24/2022 Waiting on workover rig to pull tubing and re-perforate Millerella with casing gun. 11/4/2022 MIRU workover rig and wireline unit; pull tubing and packer; re-perforate Millerella sand from 3406' – 3415 with tubing gun: 6 spf 60 degree phasing 0.43" holes; TIH with packer and tubing; Set packer at 3368' (EOT); ND BOP's; NU wellhead; Attempt to break down perfs with kill truck and 2% KCL water. Perfs will not break. Losing approximately 450 psi/min @ 3500 psi. SI well. 11/15/2022 MIRU boom truck and wireline unit. Dump bail acid 5" above Millerella perforations three times (total of approximately 7.5 gallons acid). Attempt to bread down perfs with 2% KCL water and kill truck. Pressure to 3500 psi. Losing 1000 psi in 4 to 5 minutes. No injection rate established. SDFN. 11/16/2022 Swab tubing dry and test. 12/5/2022 Continue testing. (API NO. 01-075-21025-00-01)

3433

Black Snake Petroleum, LLC. Odom 18-12 #1. 1,980' FSL & 1,000' FWL. S18, T16S, R15W. 2/6/2023 Waiting to frac well. 2/15/2023 Frac well With Reliance well service. (API CODE NO. 01-075-20404-00-02).

9085-A

Land and Natural Resource Development, Inc. Stardust 1-11 #1. 1,901' FSL & 1,544' FWL. S1, T16S, R16W. 2/10/2023 MI RU Capstone. Drilled out cement plug 0-50'. Drilled on 2nd plug 312-412'. 2/11/2023 Drilled out second 412-612'. Lowered down to third plug. Drilling on third plug. 2/12/2023 Drilled out third plug 3275-3495'. 2/13/2023 Drilled out CIBP at 3495'. Lowered to 3560'. RU Cased Hole. GIH and set 4 1/2" CIBP at 3540'. Dumped bailed 10' cmt on top. Test CIBP with 1000 psi. 2/14/2023 GIH with Cased Hole. Perforated Pottsville A sand 3482-3496' 4 SPF with 3 1/8" casing gun. GIH with 2 7/8" tubing. And 4 1/2 Arrow AS1X packer. Set at 3412'. Test packer with 1000 psi. PI perfs 2 bpm with 350 psi. RD Capstone. RU Pitts Bros swab rig. Made 25 swab runs. Recovered 100 bbls salty water. Shut down for night. 2/15/2023 CI tubing press. 950 psi. Open well to pit. After 6 hrs well flowing to pit with small stream of water and show of oil. Frac cancelled. 2/16/2023 Closed in well. 2/24/2023 Hooked up well to flow into frac tank. Opened well. 2/25/2023 Well flowing 130 psi on 14/64 choke. Made 23 bbls water and 4 bbls oil 164 mcf. 2/26/2023 Well flowing 130 psi 18 bwpd 0 bopd. 2/27/2023 Well flowing 120 psi on 14/64 choke 27 bwpd 0 bwpd 153 mcf. 3/3/2023 Well closed in awaiting pipeline connection. (API CODE NO. 01-075-20857-00-01).

Monroe County

West Jeddo Field
*17423-B

Craft Operating Company IX, LLC. Uriah Land Company 28-13 No.1. 330' FSL & 440' FWL. S28, T5N, R5E. 10/19/2022 Drill water well. Set conductor. 10/30/2022 Begin moving in equipment. 11/8/2022 Raise derrick at 11:00 am, mix spud mud, pick up/make up kelly, drill mouse/rat hole. MW 8.6 Vis 80. 11/9/2022 MU bit #1 and WB Stabs at 60'/90'; Spud Well at 1:00 pm on 11-8-2022. Drilling f/101' t/545'. Survey at 468'. MW 8.6 Vis 80. 11/10/2022 Drilling f/545' t/2,350'. Surveys at 966', 1,443', 1,920'. MW 8.6 Vis 47. 11/11/2022 Drilling f/2,350' t/2,927'. Surveys at 2,420', 2,900'; Top Chalk 2,880'; Casing Point 2,927'. TOOH. MU 2 jt shoe trac, establish circ; run 9 5/8" - 40 ppf, J55, LTC casing; ran a total 76 jts (2935.58 total footage) set at 2927'; MW 8.4 Vis 27. 11/12/2022 Pump 30 bbls FW spacer ahead of lead slurry. Lead Slurry: 820 sks, DOC Lite II, Class A, + 2% NaCl + 2 lb/sk pheno seal + 0.5% 41P, 275 bbls slurry volume, 12.8 ppg, 1.88 cu.ft/sk. Tail Slurry: 260 sks, Type I/II, 59 bbls slurry volume, 1.28 cu.ft/sk; release top plug and displace with 216 bbls FW; land plug w/calc displacement, increase press 500 psi - over, release press and bleed back 1 bbl, floats holding; circulated 100 bbls cement to surface - Top Out Slurry: 100 sks, Type I/II, 22.8 bbls, + 2%CaCl; 15.6 ppg, circ 2 bbls back to surface. Plug Down at 8:44 am on 11-11-2022; full returns while cementing. Cut conductor and casing; weld on 11" x 5M, C22 profile well-head, test seals to 2,000 psi; NU BOP's and pressure test to, 250 psi/low 4,500 psi/high; test annular 250 psi/low, 3500 psi/high. MU 8 3/4" tri-cone bit TIH; tag top of cement at 2840' (top of float collar at 2844'). Press test casing to 1500 psi f/30 min. Drill plugs, float and cement; current bit depth at 2,890', 37' above shoe MW 8.4 Vis 27. 11/13/2022 Drill cement, float 2,890' to 2,927' (shoe); drill 10' of new formation t/2,940'. Perform successful FIT to 10.5 ppg equivalent (320 psi); mud weight balanced at 8.4 ppg out/in. Drilling f/2,940' t/2,986'. TOOH, lay down bit and bit sub. Pour 8 cu./yds redi-mix cement in 9 5/8" x 20" annulus, c/o ring gasket on bell nipple. PU packed-hole assembly, monel and, drilling jars; TIH. 11/14/2022 Drilling f/3,688' t/4,068'. Direction Drilling begins. Drilling f/4,068' t/4,851'. Survey at 3,674', 4,023', 4,501'. MW 9.1 Vis 30. 11/15/2022 Drilling f/4,851' t/6,643' Surveys at 4,977', 5,001', 5,486', 5,962', 6,439'. MW 8.9 Vis 31. 11/16/2022 Drilling from 6,643' to 8,305'. Surveys at 6,916', 7,393', 7,869'. MW 9.2 Vis 36 Lost 500 psi pump pressure, troubleshoot mud pumps and check all surface lines/valves; pump soft-line, pumped 525 sks w/o plugged; trip out and found w/o 30 stds-dbl drill - pipe; (worked through intermittent tight hole from 7,031' to 4,800'). 11/17/2022 Drilling from 8,305' to 9,408'. Surveys at 8,370', 8,855'. MW 9.3 Vis 38. Pump high vis sweeps and circulate until shakers cleaned up; mix slug. Drop gyro, pump slug. Tripping out for directional tools; pull from 9,408' to 7,720'; attempt to work thru tight hole at 7,720' and pipe stuck. Working/jarring on stuck pipe. RIH with overshot and retrieve gyro tool. Continue jarring on stuck pipe at 7,720'. 11/18/2022 Cont jarring on stuck pipe. RU E-Line; Run freepoint from 7,691' (bottom of middle stab) to 7,231' (top of jars); found pipe to be 0% free from 7,691' (middle stab) to 20% free at 7,264' (bottom of jars); pooh w/FP; continue jarring on pipe while wireline crew changed out display panel in unit. re-run FP from 7,354' (3rd collar below jars) to 7,264' (bottom of jars) and found bottom of - jars to be ±80% free (all collars below jars were 0% free); pooh and lay down FP, go to complete radio silence while MU up 720 grain string shot; RIH with string shot, run CCL correlation strip and get on depth, apply 5 rounds of left hand torque and set off string-shot and make successful back-off at 7,264' (bottom of jars); pull wireline out of hole, RD E-Line and release; Top of Fish at 7,264' (DPM). Left in Hole: 1 Hevi-Wate, 1 Monel, 3 IB Stabilizers, 12 6.25" DC's, 1 Pony DC, 1 8 3/4" PDC. MW 9.4 Vis 39. 11/19/2022 TOOH, MU bit #4 (tri-cone), three drill collars and new drilling jars; TIH, tag up at 4,543'; wash thru bridge; cont TIH and washing through intermittent bridges f/4,543' t/7,264' (TOF). Shakers blinding over with large amounts, large sizes cuttings and mud cake; chlorides in mud at 2,000 mg/l and calcium at 120 mg/l. Increased mud weight from 9.3 ppg to 9.5 ppg. MW 9.4 Vis 39. 11/20/2022 Fin TOOH; retrieve gyro on wireline at 548', TIH; tag TOF at 7,264'. Set 750' balanced cement plug f/7,264' t/6,514'; Slurry: 323 sks (55.8 bbls) Premium, 17.2 ppg, 0.97 cu.ft/sk, 0.3% DOC5 + 0.1% DOC20, pumped 10 bbls mud flush ahead, 55.8 bbls cement slurry, 2.8 bbls mud flush behind and displace with 90 bbls 9.5 ppg mud; lay down pump-in-swedge; cement in place at 4:52 pm (11-19-2022); plug balanced. MW 9.6 Vis 42. 11/21/2022 Wait on cement; pick up directional assembly, perform surface test; pick up (6) new 6 1/2" drill collars; TIH, Tag top of cement at 6,488'; drilling soft cement; drilled down to 7,099' and found firm cement, drill 10' to 7,109' at 65-20 fph; prep to start KOP. Reciprocate pipe 25' and build trough at 274° azi. Slide time drilling at 1"/5 minutes; KOP at 7,109'. MW 9.6 Vis 42. 11/22/2022 Continue side tracking well, time drilling at 1'-5'/hour from 7,109' to 7,145'; KOP at 7,109'. Rotate/slide drilling from 7,145' to 7,239' (94') at 8.2 fph. MW 9.5 Vis 36. 11/23/2022 Rotate/slide drilling f/7,239' t/7,610'. MW 9.6 Vis 37. 11/24/2022 Rotate/slide drilling from 7,610' to 7,718'. Bit trip. Work on rig. Wait on parts; hole seeping ±7.0 bbls/hr. MW 9.6 Vis 40. 11/25/2022 Work on rig. MW 9.6 Vis 40. 11/26/2022 Rig Repair. TIH, tag bridge at 6,717', work/wash through bridges/tight hole f/6,717' t/6,930'; trip through KOP at 7,109' with no issues. Drilling f/7,718' t/7,873' (155'). MW 9.6 Vis 40. 11/27/2022 Rig Repair. TIH, tag bridge at 6,717', work/wash through bridges/tight hole

f/6,717' t/6,930'; trip through KOP at 7,109' with no issues. Drilling f/7,718 t/7,873' (155'). MW 9.6 Vis 40. Rig Repair. TIH, tag bridge at 6,717', work/wash through bridges/tight hole f/6,717' t/6,930'; trip through KOP at 7,109' with no issues. Drilling f/7,718 t/7,873' (155'). MW 9.6 Vis 40. 11/27/2022 Rotate/slide drilling f/7,873' t/8,216'. MW 9.7 Vis 40. 11/28/2022 Rotate/slide drilling f/8,216' t/8,854'. Current path 11.0' below/0.5' left of proposed well path; CBHT 148°. MW 9.5 Vis 44. 11/29/2022 Rotate/slide drilling f/8,854' t/9,940'. MW 9.6 Vis 43. 11/30/2022 Drilling f/9,940' t/10,098'; TOOH to 30' above KOP at 7,109'; work through tight hole from 7,141' to 7,115'; MU bit #6 (tri-cone), trip in with BHA to 5,710'. Rig Repair- pull back into casing at 2,700'. MW 9.6 Vis 47. 12/1/2022 Rig repair, current actual well path 6.5' below & 10.8' right of proposed well path. MW 9.6 Vis 47. 12/2/2022 Rotate/slide drilling f/10,098' t/10,455' current actual well path 2.3' below & 18.0' right of proposed well path ; max CBHT 165° MW 9.5 Vis 40. 12/3/2022 Rotate/slide drilling f/10,455' t/10,796' current actual well path 5.0' above & 12.0' right of proposed well path ; max CBHT 173° MW 9.5 Vis 45. 12/4/2022 Drilling f/10,796' t/10,886'. Bit trip, bit #7 due to slow p-rate; Drilling f/10,886' t/10,900', current actual well path 5.0' above & 12.0' right of proposed well path; max CBHT 173° MW 9.8 Vis 47. 12/5/2022 Rotate/slide drilling f/10,900' t/11,383' (269') at 23.4 fph, current actual well path 10.0' above & 7.0' right of proposed well path ; max CBHT 175 MW 9.8 Vis 44. 12/6/2022 Rotate/slide drilling f/11,383' t/11,900', current actual well path 15.0' below & 3.0' right of proposed well path; max CBHT 183° MW 9.9 Vis 45. 12/7/2022 Rotate/slide drilling from 11,900' to 12,067' (167') at 17.6 fph. TOOH and retrieve MWD probe; measured mud displacement was 122 bbls over calculated. Currently pressure testing BOP's. Current actual well path 8.0' below & 1.0' right of proposed well path ; max CBHT 185° projected inclination on bottom 2.0° MW 9.8 Vis 44. 12/8/2022 MU bit sub, new bit #8 and place stabilizers at 30' & 60' (pendulum assembly); TIH; set down on bridge at 8,415'; pick up and pipe was stuck; pump and spot slug 35 bbls across BHA, allow pill to set for 1 hr; working jar on pipe 4 times and pipe came free; lower mud weight to 9.5-9.6 ppg W&R f/8,415' t/8,493' with excessive rotary torque and stall-outs; hole unloading more than normal shale cuttings on BU and then cleaned up after about an hour; W&R improved at ±8,493' but could trip in without circulation and rotary; W&R'd down to 9,312'; (W&R got worse starting at ±9,200' t/9,312' with excessive torque and WOB). MW 9.5 Vis 40. 12/9/2022 TOOH, work through tight hole f/9,312' t/9,358; re-run bit #8 tripping in from 2,927' to 11,200'; displacement returns stopped, pick up kelly establish circulation and circulate for 10 minutes with no mud losses; continue tripping in to 12,045'; wash down to bottom at 12,067'. Drilling from 12,067' t/12,142'. MW 9.6 Vis 42. 12/10/2022 Drilling f/12,142' t/12,540'. WL directional survey at 12,200' (2.7° inc 246.0° azi). WL directional survey at 12,495' (1.9° inc, 291.1° azi), 0.27°/100' drop rate. MW 9.6 Vis 42. 12/11/2022 Drilling f/12,540' t/12,890'. Wireline directional survey at 12,844' (1.6° inc, 287.8° azi); 0.086°/100' drop rate MW 9.7 Vis 45. 12/12/2022 Drilling f/12,844' t/13,161'. First anhydrite stringer come in at 12,968' TVD/12,990' MD. MW 9.6 Vis 44. 12/13/2022 Drilling f/13,161' t/13,390' WL directional at 13,200' (1.2° inc, 235.5° azi), 356' course length; 0.11°/100'. MW 9.6 Vis 39. 12/14/2022 Drilling f/13,390' t/13,681'; WL directional survey at 13,637', current (13,681') lithology 50% shale, 40% anhydrite, 10% sand MW 9.6 Vis 43. 12/15/2022 Drilling f/13,681' t/13,700'. WL directional survey at 13,700' (1.2° inc, 341.7° azi); 500' course length; Drill f/13,700' t/13,922'. Circ out cuttings; searching for core point; received orders to trip out for core barrel. Circ while mixing slug and prep to trip out; drop survey. 9.6 Vis 41. 12/16/2022 Drop directional survey, pump slug and trip out f/core barrel #1; work through tight hole f/7,330' t/7,238' and f/3,428' t/3,164'; LD monel, bit sub and bit #8. MU core barrel (90') and TIH to 13,826' with no problems. W&R f/13,826' to bottom at 13,894'; drop ball and space out with 15' pup jt. Cut core #1 f/13,894' t/13,911'. Depth correction f/13,922' t/13,894' (28' correction). 9.6 Vis 48. 12/17/2022 Cont cutting core #1 f/13,911' t/13,984' (100'). Break core, pump slug and TOOH. Cont TOOH started pulling tight 40k-60k over at 3,507'; work pipe up to 3,412' & pipe became stuck; MU kelly, establish circ; cont to work pipe free with no success; jar on pipe for 5 hrs with no movement; mix and spot 35 bbls of 'Q'-Free pill and spot across BHA annulus, leaving 5 bbls in pipe; allow pill to set for one hr; cont to jar on pipe and pumping 1 bbl of pill every hr with no visible movement in pipe. MW 9.6 Vis 48. 12/18/2022 Cont jarring on stuck pipe at 3,412'; pipe came free 2.5 hours after spotting 'Q' Free pill across BHA annulus; continue POOH and working/back-reaming through multiple tight hole sections; pipe started pulling free at 3,150'; Fin POOH up to core barrel. Set slips on core barrel, lay down x-over/float sub, lower & upper RS-sub; retrieve inner barrel; LD, package and load out core (87' core recovery); LD all core barrel components; MU bit sub and new bit #9 (8 1/2" tri-cone); TIH to casing shoe at 2,927' (c/o jars). Cont TIH to 3,900' (400' below tight hole section); TOOH to shoe at 2,927'; pick up kelly and W&R all excessive tight spots; cont TIH W&R all tight spots; CBU at 6,475'; bit depth currently at 6,840'. MW 9.5 Vis 42. 12/19/2022 Cont TIH to top of core section at 13,894'. W&R 90' core section f/13,894' t/13,984'. Drilling f/13,984' t/14,148'. MW 9.5 Vis 42. 12/20/2022 Drill f/14,148' t/14,325'. TD well at ~14,300' TVD/14,325' MD at 3:30 am on 12-20-2022. Pump high vis sweep and CBU; BGG started gradually increasing at 13,323' (14,315' lag depth); BGG continued to gradually increase after BU; BGG while drilling averaged at ±185 units; BGG has gradually increased to 305 units

after getting BU; stop pump and monitored well for flow for 10 min; well was static and annulus volume dropped to ±six inches below flowline spout; start pump and CBU again after checking for flow; current BGG at report time at 335 units with no mud cut at shakers. MW 9.6 Vis 48. 12/21/2022 Cont C&C mud at 14,325' (TD). Stop pump and monitor well for flow (static), drop gyro, pump slug and trip out to casing shoe at 2,927'; work through tight hole f/3,150' t/3,123'; actual measured displacement was ~57 bbls over calculated displacement. Retrieve gyro on WL. TIH from shoe; W&R to clean-up tight hole section f/3,110' t/3,150'; cont TIH; EOB at 12,800' MW 9.6 Vis 48. 12/22/2022 Fin TIH to 14,325' TD; C&C mud for 'E'-Logs. TOOH (SLM - no correction) for 'E'-Logs. Fin TOOH; Rig up SLB; RIH with triple combo and log well with no hole problems. MW 9.6 Vis 48. 12/23/2022 Fin RD SLB OH logging unit and retrieve wear bushing. TIH to 5,880'; MU circ sub/hose & circ while replacing master compound chain. Cont TIH from 5,880' to TD at 14,325' with no hole problems. C&C mud for prod csg; 73 units max BU trip gas, no mud cut. Stop pump, check for flow (static), pump slug and LDDP; lay down 31 jts of 20.0 ppf DP; stand back 29 stands 16.6 ppf in derrick. MW 9.6 Vis 48. 12/24/2022 Fin LDDP. Remove all nonessential tools from floor; MU test packer and TIH to 2,765'; circ/purge through kill line; set packer and attempt to test csg with no success; troubleshoot and found kill line to be plugged off with ice plugs; remove ice plugs and successfully test csg to 1,500 psi for 30 minutes; record press test on chart. Release press and LD 3 joints, pick up kelly and make 3 breaks on same; set back kelly & LDDP. Fin LDDP RU csg crew & torque turn; MU 2 joint shoe trac, establish circ through same and cont running 5 1/2", 17 & 20 ppf, L-80, LTC prod casing; current csg shoe depth 5,227'. MW 9.6 Vis 48. 12/25/2022 Cont running 5 1/2" prod csg; ran a total of 344 jts of 5 1/2", 17 & 18# L-80, LTC 14,333.86'; MU cmt head & circ lines; fill pipe and attempt to circ, csg was packed off and stuck; work pipe and increase pump press as it bled down; circ was established; stage up flow rate to 10 bpm and CBU and prep to pump cmt. Switch lines, test lines to 4,000 psi, release bottom plug; pump 20 bbl FW spacer, 24 bbls DOC flush, 20 bbls FW; Lead Slurry: 100 sks (35 bbls) DOC Lite II Prem. + 2% KCL + 0.2% DOC24-R + 0.1 0.1% DOC35, 12.8 ppg, 1.83 cu.ft/sk. Tail Slurry: 310 sks (93 bbls), 16.3 ppg, 1.45 cu.ft/sk, class H, + 5% KCL, +35% silica flour 200 mesh, 0.7% DOC17C, 0.2% DOC35, 0.25% DOC24R, 0.05% DOC34; wash up lines, release top plug; disp w/322 bbls FW at 8 bpm, land plug with calc displacement increase psi 500 psi over; release psi, bleed back 2 bbls; floats holding; Plug Down at 9:25 pm on 12-24-2022. Break bolts on BOP stack, RU lifting winches; lift stack and set 200,000 lbs csg string weight on slips; make rough cut on csg; ND BOP'S. 12/26/2022 Fin ND BOP'S; make final cut on 5 1/2" csg; NU 11" 5M -x- 7 1/16 5M tubing head and test seals; NU cap flange; well secured. Rig Release at 6:00 AM on 12-26-2022. 12/27/2022 Begin RD. 12/29/2022 Begin RD. 1/1/2023 Procedure approved for well completion. 1/16/2023 RIH. Wash and ream F/12,140' t/12,182'. Core f/12,182' t/12,272' (90' core). Pump slug. POOH. MW 9.25 Vis 44. 1/17/2023 RIH. Wash and ream F/12,140' t/12,182'. Core f/12,182' t/12,272' (90' core). Pump slug. POOH. MW 9.25 Vis 44. 1/18/2023 Cont RIH. Tag bottom @ 14,170.21'. Beg POOH. 1/19/2023 Cont POOH. RIH w/gamma tool to correlate. RIH w/perf gun and pkr on WL. Set pkr. 1/20/2023 RIH testing to 6000 psi w/tbg and PXD sleeve. Latch pkr. Space out and set w/15K overpull. RD BOPs. RU tree. Press test to 5000 psi. MIT to 1500 psi for 30 min witnessed by J Young. RU swab rig and swab to 6000'. 1/21/2023 Verify 6000' fluid level. Drop bar to fire guns. Begin testing well. 2/5/2023 Testing well. 2/7/2023 Planning to construct flowlines and update facilities at 15673 Uriah Land et al 28-12 #1. (API CODE NO. 01-099-20337-00-00).

Pickens County

Buncomb Creek Gas Field

17402

Land and Natural Resource Development, Inc. Cherie Ann Odom 32-16 #3. 660' FSL & 660' FEL. S32, T18S, R15W. 5/8/2022 WO drill rig. 5/9/2022 Expanding location. WO drill rig. 7/17/2022 Preparing to move Pense Bros. drill rig to location. 7/18/2022 PU 15 1/2" bit for conductor hole. 7/19/2022 Started drilling conductor hole at 7am. Drilled to 180'. Set 94' of 13 3/8' conductor pipe. 7/20/2022 PU 12 1/4" bit. Drilled 180-605'. 7/21/2022 Drilled to 620' POH to clean balled off bit. 7/22/2022 Drilled to 754'. Pottsville at 700'. Set 754' 9 5/8" surface casing. RU DOC cementers. Cemented surface casing with 150 sacks 50/50 poz and tailed with 200 sacks of Class A. Cement returns to surface. WOC. 7/23/2022 NU BOP's. PU Hammer and 8 7/8" hammer bit. GIH and tagged cement at 700'. Test casing 1000 psi. Drilled cement plug. Drilled 754-900'. 7/24/2022 Drilled 900-2300'. 7/25/22 Drilling 8 7/8" hole. Drilled to 2782'. 7/26/2022 Drilling dry to 3024'. 7/27/2022 Drilling dry to 3594'. 7/28/2022 Drilled to 4524'. Gas show at 2600'. Oil show at 4020' Turned return air yellow. Oil show at 4320'. Blew oil 50' across the pit. Started bit trip at 3pm. 7/29/2022 Finished bit trip for bit #4 8 3/4" rotary. Reamed 30' to bottom. 7/30/2022 Drilled to 4615'. Drilling 10'/ hr. 7/31/2022 Drilling with 30,000 # on bit at 20'/hr. 8/1/22 Drilled to 4836'. SDFN. 8/2/2022 Drilled to TD of 4986'. 8/3/2022 Unloaded fluid standing in hole. Went to bottom and cleaned hole with air. 8/4/2022

Circulated mud around from TD. POH laying down drill pipe. ND BOP's released Pense Bros. 8/5/2022 RU Capstone. RU Schlumberger in Capstone's derrick. GIH with logging tools. Hit obstruction at 1700'. Could not get down with logging tools. Ran sinker bar on rigs swab line. Could not get past obstruction. RD Schlumberger. 8/6/2022 RU Capstone. PU 4 1/2" bit. GIH with 2 7/8" tubing. Cleared out obstruction. POH with tubing. RD Capstone. Waiting to log. 8/12/2022 MI RU Capstone. Sound well with sinker bar. Could not get below 1700'. PU 4 1/2" bit. GIH to 2500'. Cleared obstruction. RU Schlumberger. Could not get below 2995'. Ran logs from 2995 to bottom of surface pipe. RD Schlumberger. SDFN. 8/14/2022 Evaluating logs. 8/28/2022 Preparing to run casing. 9/4/2022 Running casing on hold until regulatory issues relating to a Nason completion are resolved. 12/11/2022 Waiting to run casing. 12/28/2022 MI RU Capstone. Ran 3228' 4 1/2" casing. Set at 3228'. RU DOC cementers. Cemented casing using 200 sacks 50/50 poz mix and tailed with 200 sacks A Class. Bumped plug at 7:50 pm with 1300 psi. Held 1300 psi for 30 mins. RD DOC. 12/29/2022 Set slips released pipe. RD MO Capstone. 1/5/2023 RU Cased Hole wireline. Ran CBL 3228-1500'. TOC at 2250'. GIH and perforated Nason sand 2994-3002' 4 SPF with 3 1/8" casing gun. RU pump truck. Broke down perfs with 2900 psi. PI formation 2 bpm with 1200 psi. RU Pitts Bros swab rig. Start swabbing. 1/8/2023 Resumed swabbing. 1/10/2023 Received OGB approval to plug back to upper Nason Sand. 1/15/2023 Waiting on wireline to set plug and perforate upper Nason. 1/16/2023 Waiting on wireline to set plug and perforate upper Nason. 1/23/2023 RU Cased Hole. Set 4 1/2" CIBP at 2850' Dumped 10' cement on top. Test plug with 1500 psi. 1/24/2023 Perforated Upper Nason sand 2626-2642' SPF with 3 1/8" casing gun. RU pump truck. Broke down perfs with 2400 psi. PI 1 bpm with 1500 psi. RU Pitts Bros swab rig. Swabbed fluid down to perfs. Left well flow to pit burning lazy flare. 1/25/2023 Made one swab run to perfs. No fluid in hole. Closed in well waiting to frac. 2/14/2023 Reliance Well service 40,000 lb frac. 2/15/2023 Opened well for flow back. 2/16/2023 Flowing back frac water. **3/12/2022 Well closed in awaiting installation of production equipment.** (API CODE NO. 01-107-20431-00-00).

Coal Fire Creek Gas Field

4184-A

Land and Natural Resource Development, Inc. O. Cook Est. 21-15. 1,250' FSL & 1,900' FEL. S21, T18S, R14W. 2/1/2021 Waiting on WO rig. 4/20/2021 Surveyors locate old wellhead. 4/22/2021 Clearing location and road. 4/28/2021 Dug up old well head. Cut off plate. Welded on 4 1/2" bell nipple. MI RU Capstone. 4/29/2021 PU 3 7/8" bit. Tag cement at 250'. Start drilling cement. Drilled cement to 308'. Shut down for week end. 5/3/2021 GIH circulating and cleaning out to 4814'. Getting clobbered cement in returns. POH laying down tubing and bit. RD MO capstone. Waiting to run bottom hole directional survey. 5/5/2021 MI Masco wireline. GIH with Scientific Drilling Directional survey tool. Ran survey from 4424-0'. Survey at perfs. 7146' 80.33' N 47.80' W 4126' 80.05 N 47.50' W. Distance from well head to North Unit line 70'. Both surveys indicate at the proposed perforation depths were across the North unit line'. Waiting on orders. 10/30/2022 Waiting on workover rig. (API CODE NO. 01-107-20039-00-01).

Wildcat

13893-A

Land and Natural Resources Development, Inc. Mary Prater 30-14 #1. 140' FSL & 2,245' FWL. S30, T18S, R14W. 3/19/2022 Dug up old well head. Cut off steel cap. Welded on 8 7/8" bell nipple. 3/20/2022 Moved Pense Bros drilling rig on location. Installed BOP's. PU 7 7/8" bit and drill collars. Start drilling on top cement plug. 3/21/2022 PU 7 7/8" bit and drill collars. Drilled out top plug. Lowered down to 400'. Drilled cement to 500'. Test casing with 500 psi. Drilled out of 2nd plug at 720'. Lowered down to 2527'. 3/22/2022 Washed down to 4800'. Circulated mud 2 hrs. 3/23/2022 Continued circulating for 2 1/2 hrs. POH laying down drill pipe, collars and bit. ND BOP's. 3/24/2022 Moved Pense Bros. off location. 4/3/2022 Waiting to run casing. 4/26/22 MI RU Capstone. Ran and set 4570.49' 4 1/2" casing. RU DOC cementers. Cemented with 150 sacks 50/50 poz and tailed with 350 sacks Class A. Bumped plug at 4:40 pm 4/26/22 with 1500 psi. Held press. 30 mins. Released press. Floats holding. Held pipe with rig until next morning. 4/27/2022 Set slips and RD and MO Capstone. 4/28/2022 RU Cased Hole wireline. Ran CBL from 4513-2400'. TOC at 2590'. GIH and perforated Pottsville A sand 4402-4412'. GIH and ran Scientific Drilling directional survey. Bore Hole location at 4000' was 188.91' FSL and 301.21' FEL of SE/4 of SW/4 of Sec. 30. 5/1/2022 Waiting to frac. 5/15/2022 Pottsville A perfs swabbed water. Cancelled frac job. Well closed in. Awaiting further evaluation. (API CODE NO. 01-107-20299-00-03).

17180

Land and Natural Resource Development, Inc. Palma-Martin 6-1 #1. 660' FNL & 990' FEL. S6, T19S, R13W. 8/31/2022 MI RU Capstone. Bled casing and tubing to 0 psi. Well unloaded oil through tubing. Killed well. PI squeeze perfs 2 bpm with 1500 psi. 9/1/2022 RU Capstone. POH and LD Squeeze tool. RU Cased Hole. GIH and perforated Pottsville A 4228-4238' 4 spf with 3 1/8" casing gun. PU 5 1/2" Arrow AS1X packer. GIH with 2 7/8" tubing. Set packer at 4200'. 9/4/2022 Waiting to swab. 9/6/2022 MI RU Pitts swab rig. Swabbed down to 3300'. Recovering 99% water trace of oil. Sliding sleeve was open and were swabbing both Pottsville A

and Fayette perfs. 9/9/2022 RU Masco wireline. Unable to shift sliding sleeve to closed position. 9/12/22 MI RU Capstone. POH with tubing. Removed sliding sleeve from string. GIH and reset packer at 4187'. RU swab rig. Swabbed fluid down to packer. 9/13/22 Swabbing. 9/14/22 Swabbing at rate of 75 bbls per day 7% oil. RD swab rig. 10/30/2022 Preparing to squeeze Pottsville A perfs. 10/31/2022 RU Cementers. Squeezed 50 sacks Class A through perfs 4228-4238'. Released packer. POH LD Packer. 11/1/2022 GIH with 4 3/4" bit. Tag cement at 4230'. Drilled med. Cement to 4308'. POH. 11/2/2022 RU Cased Hole wireline. Ran GR-CBL 4280-3800'. Good bond across perfs. GIH and perforated Pottsville A 4228-4230 4 SPF 3 1/8" casing gun. PU 5 1/2" Arrow AS1X packer. GIH with 2 7/8" tubing. Set packer at 4184. Tested packer against perfs 1000 psi. RU pump truck. Broke down perfs with 1400 psi. PI 2 bpm 700 psi. RU Pitts Bros swab rig. Swabbed to packer with 6 runs. Waited 30 min. Made run from packer. Rec. 800' fluid 20% oil. 11/3/2022 CI tubing press. 200 psi. Resumed swabbing. Tag fluid at 1700'. Final run recovered 600' fluid 20% oil. RD Pitts Bros. Waiting to frac. 2/15/2023 Reliance Well service 20,000 lb frac. 2/16/2023 Opened well for flow back. Well dead. MO RU Pitts Bros swab rig. Swabbing. 2/17/2023 Swabbing frac fluid. 3/2/2023 MI RU Pitts Bros Swab rig. Swabbed 312 bbls salty water with reace of oil. Swabbing at rate of 37.5 bwp hr. 900 bwpd . RD MO Pitts Bros swab rig. Closed well in. **3/12/2022 Well closed in awaiting further orders.** (API CODE NO. 01-107-20419-00-02).

- 4684 Black Snake Petroleum, LLC. Irwin 7-15 #1. 660' FSL & 2,500' FEL. S7, T18S, R14W. 10/5/2022 MIRU Capstone Rig, blow well down, LS sucker rods – SDFN. 10/6/2022 NU BOPs, TOOH with Tubing, LD SN, LD 2 bad jts, P/U Setting Tool and CIBP, TIH to 4630' MD, Set CIBP, TOOH, P/U SN and AS1X, TIH and Set at 4517' MD, ND BOP, NU Wellhead, RDMO Capstone. Waiting on orders. (API CODE NO. 01-107-20069-00-02).
- 17436 Land and Natural Resource Development Inc. AMA Energy-Nadir Land Company 8-10 #1. 1,550' FSL & 1.495' FEL. S8, T19S, R13W. 1/29/2023 Waiting on Rig. (API CODE NO. 01-107-20432-00-00).
- 14371-A Land and Natural Resource Development, Inc. Parker 3-16 #1. 877' FSL & 979' FEL. S3, T22S, R16W. (API CODE NO. 01-107-20312-00-03).

Tuscaloosa County

Oak Grove Coal Degasification Field

- 17424-C Warrior Met Coal Gas, LLC. Hassinger 04-03-1700. 288' FNL & 2,214' FWL. S4, T17S, R8W. (API CODE NO. 01-125-26286-00-00).
- 17433-C Black Warrior Methane. RGGS 11-10-01. 2,305' FSL & 1,398' FEL. S11, T19S, R8W. (API CODE NO. 01-125-26287-00-00).

White Oak Creek Field

- 17439-C Warrior Met Coal Gas, LLC. Hassinger 05-10-1703. 2,482' FSL & 2,425' FEL. S5, T17S, R8W. (API CODE NO. 01-125-26288-00-00).
- 17440-C Warrior Met Coal Gas, LLC. Hassinger 04-02-1616. 606' FNL & 1,529' FEL. S4, T17S, R8W. (API CODE NO. 01-125-26289-00-00)
- 17441-C Warrior Met Coal Gas, LLC. Hassinger 05-07-1570. 1,788' FNL & 1,732' FEL. S5, T17S, R8W. (API CODE NO. 01-125-26290-00-00).
- 17442-C Warrior Met Coal Gas, LLC. Hassinger 04-04-1701. 348' FNL & 898' FWL. S4, T17S, R8W. (API CODE NO. 01-125-26291-00-00).
- 17443-C Warrior Met Coal Gas, LLC. Chevron 04-14-1704. 873' FSL & 2,381' FWL. S4, T17S, R8W. (API CODE NO. 01-125-26292-00-00).

Washington County

- 16107-SWD-22-01 Bay Gas Storage Company, LLC. Bay Gas SWD 1A. 907.36' FSL & 2275.27' FWL. S34, T4N, R1W. 11/15/2022 MIRU Moncla rig. Ran SL w/bailer to ensure no restriction. 11/17/2022 ND. RU on 7". RU well control. 11/18/2022 POOH and LD 7" tbg and BHA. 11/19/2022 Begin RIH w/Bit, BHA, drill pipe. RU solids control. 11/20/2022 Cont RIH ,108 jts 3-1/2 collars, HW , 8 1/2" bit, tag @ 4,018'. RU power swivel. 11/21/2022 Soft tag 4,018', wash drill t/4,130'. POOH four stands. 11/22/2022 Wash drill t/4,410'. Drilled out float collar 5-foot cmt +/- mixed 40 BBLS fw, pill sweep hole, pump bottoms up. 11/23/2022 Work suspended until 11/28. 11/28/2022 Made up 8-1/2" bit, TIH with (8) 4-3/4" DCs ,(12) HW and (119) DP. Tag fill at 4,390'. Displace fresh water out of hole with 330 bbls of 9.3 ppg mud. POOH with 30 joints, EOT at 3,465'. 11/29/2022 TIH with 15 stands, Tag cmt at 4,410'. Drill cmt f/4,410' t/4,418'. POOH laying down 33 jts. EOT at 3,465'. 11/30/2022 Fin POOH, LD (8) 4-3/4" DCs, Condition Mud, Sent replacement bail to be modified with 10" flowline. MIRU 50 ton crane, 1200 hp mud pump on location. Fin rigging up and test running mud pump, remove bail nipple and 6" flowline from BOP stack, move out 4-3/4" DCs,

Move in MM, BHA onto racks, Made up 8-1/2" PDC onto MM. 12/1/2022 Install bail nipple with 10" flowline. Modify shaker for 10" flowline, Condition Mud. TIH with 8-1/2" PDC bit, 6-3/4" MM, 6-3/4" Prodrift, (4) 6-1/2" DCs, (12) HWs, 4-3/4" Drilling Jars. Test MM, Pump 10 bbls per min, Test Good. TIH with 3-1/2" DP, Bit at 4,115'. 12/2/2022 Run survey w/EOB at Depth Inclination Azimuth. TIH tag cmt at 4,418'. Start up MM at 8 bbls per min. Drill cmt from 4,418' down to shoe at 4,453', Drill open hole in to 4,459'. 1200 hp Mud Pump started over heating on gear end, SD pump. Pull bit off bottom, circ clean with rig mud pump. POOH with 5 jts, bit at 4,301'. RD and prepare 1200 hp pump to be moved out and replace with 2- 600 hp. 12/3/2022 RD and move out 1200 hp mud pump, spot and rig up 2- 600 hp mud pumps. RIH, Tag TD at 4,459', Rig up Power Swivel. Start circ at 8 bbls per min, SD pumps. Drill ahead f/4,459' t/4,501'. 12/4/2022 RIH, Tag TD at 4,501', Rigged up Power Swivel. Drill ahead f/4,501' t/4,566', Mix and pump 40 bbl sweep. RD Power swivel, POOH, EOB at 4,301'. 12/5/2022 Fin POOH racking back 3-1/2" DP. Racked back HW drill pipe, LD (4) 6-1/2" DCs. Pulled MM and PDC bit to surface for inspection. Run PDC bit and MM back in the hole. Rig up Power Swivel, attempted to test MM, Pressured up to 4000 psi immediately. POOH and laid down MM, broke bit off of MM. 12/6/2022 TIH 8-1/2" XR+ Bit with 3X14 nozzles + 12 center jet, 6-3/4" 7/8 5.7 Motor (0.24 Rev/ Gal) Straight (3K), 6-3/4" Pro Drift, (6) 6-1/2" DCs, Hook up and Test MM, Test Good, TIH, (3) HWs, 4-3/4" Drilling Jars, (9) HWs. TIH with DP, Tag TD at 4,566'. RU Power Swivel, Drill ahead f/4,566' t/4,642' with 15k WOB, 2300 psi PWD, Circ hole clean, RD Power Swivel, POOH, EOB at 4,398'. 12/7/2022 TIH tag TD at 4,552', Conditioned mud. RU Power Swivel, Drill ahead f/4,552' t/4,874' with 15k WOB, 3100 psi PWD, Circ hole clean, RD Power Swivel, POOH, EOB at 4,398'. 12/8/2022 POOH and LD 8 joints. TIH t/4,762'. RU power swivel, ream down. Continued drilling out hole back to 4,842'. Drill new hole to TD 5159'. Surveys .02 at 4,936', .2 at 5,032', .6 at 5,127'. 12/9/2022 Pulled out of hole LD 8 joints. TIH t/4762' RU power swivel started reaming down. Cont drilling out hole back to 4842', survey .02 at 4936', .2 at 5032', .6 at 5127'. 12/10/2022 Cont RIH reaming down to 5,571', Pump #1 failed. Drilling new hole. Current depth 5,666'. Limestone coming over the shakers. Survey, EOB 5,772' , at 0.7 / 220. Drill ahead at 5,772'. 12/11/2022 TIH with DP, dragging on jt 150 at 5,369'. Laid out 5 joints, RIH w/2 stds, RU Power Swivel. Picked up joint 150, reaming in the hole from 5,349'. Bit #3: Smith Bit – 8-1/2" XR+. TIH, (3) HWs, 4-3/4" Drilling Jars, (9) HWs. Drill to 5,571', POOH racking back 3-1/2" DP. Fin POOH racking back 3-1/2" drill pipe. Racked back HW DP, LD (6) 6-1/2" DCs and drilling jars. Pulled MM and XR+ bit to surface for insp. TIH, 8-1/2" XR+ Bit with 3X14 nozzles + 12 center jet (Bit #4), 6-3/4" 7/8 5.7 Motor (0.24 Rev/ Gal) Straight (3K), 6-3/4" Pro Drift, (1) 6-1/2" DC, 8-1/4" Stabilizer, (1) 6-1/2" DC, 8-1/4" Stabilizer, (4) 6-1/2" DCs. 12/12/2022 Drill break, drilled to 5,853', Drill t/5,900'. Survey, 0.4 degrees at 232 corrected AZ 229. Drill to 6058', back ream 2 times, Survey, EOB 6,058', at 0.3/320. drill t/6,090'. 12/13/2022 Drill t/6,343', back ream 2X. Drill t/6,375', back ream 2X. Drill t/6,406', back ream 2X. Drill t/6,438', back ream 2X, Survey EOB at 6438', 1.3/40. 12/14/2022 Drill t/6532. Survey 1.8 deg. SD for weather. Drill t/6,595', back ream 2X. Drill t/6627', back ream 2X. Drill t/6,658', back ream 2X. Survey EOB at 6,658', 2.9/44. Drill t/6,690', back ream 2X. Survey EOB at 6,658', 3.2/40. Ream back in the hole. POOH LD DP t/6,438'. 12/15/2022 Drill t/6,722'. Pump broke down, RU 1200 hp pump. Drill t/6,753', back reamed 3 times. Drill t/6,785', back ream 3X. Survey EOB at 6,785', 4.0/58. Drill 6,816', back ream 3X. 12/16/2022 Fin POOH racking back 3-1/2" DP & HWs. Laid out DCs, Motor and Bit (BHA). MIRU WL unit. 12/17/2022 Fin PU BHA, 8-1/2" PDC bit, (2) 6-1/2" DCs, (1) 8-1/4" stabilizer, (1) 6-1/2" DC, (1) stabilizer, (1) 6-1/2" DC, (2) 3-1/2" HWs, 4-3/4" drilling jars, (10) 3-1/2" HWs. TIH with 3-1/2" DP down 6,432'. Ream through tight spot at 6,460' down t/6,748'. 12/18/2022 Fin POOH LD BHA. Pick up TIH with 7" Shoe, (1) Joint 7", Float Collar, (1) Joint 7", Landing Collar. Start TIH picking up 7" Liner, Pick up total of 47 Jts. 12/19/2022 Fin TIH with 7" liner, Ran a total of (53) jt of 7", Inflatable Packer, (22) joint of 7", Liner Hanger/Packer. TIH with (2) 6-1/2" DCs, (12) joints of HW, (92) joints of drill pipe, End of liner shoe at 6,865', Top of Float collar 6818', Inflatable casing packer (Mid Element) at 4,397', Liner Hanger/Packer (Mid Element) at 3,368'. MIRU DOC cmt truck and head. Pump 40 bbls Mud flush spacer, 28 bbls Lead cmt, 132 bbls tail cmt, Drop wiper plug, 20 bbls fresh water, 140 bbls Mud. Set Inflatable packer. Pulled out of Liner Hanger/Packer, Circ 2 hole volumes, Recover the 30% overish of cmt, Total of 45 bbls. 12/20/2022 POOH w/liner setting tool. Prep for scrapper/bit run. PU and begin to RIH w/scrapper and bit. 12/21/2022 TIH w/7" scrapper and 6" bit, to 6,765' to the top of the setting collar, pumped brine spacer and 398 bbls brine. Fin POOH laying down 3-1/2" DP, Bit and scraper. MIRU Empire Wireline unit. TIH with CBL/GR and CCL tools to 6682', Started taking wt., Worked down to 6700', Logged to top of Liner, POOH laid out tools, RDMO Empire wireline unit. RD tongs and rig floor, Removed bell nipple and flow line, RU floor and tongs. 12/22/2022 Cont RD. Receive call to suspend operations w/ new objective to begin mid next week. 12/27/2022 Rig up well control to run 2-7/8" tubing. Receive and start running 2-7/8" tubing with 6" bit. Rig up tools

and started in hole with 6" bit BHA. RIH w/6 DCs and 10 jts tubing. RU floor, tools, and tongs. 12/28/2022 Cont to reverse circ at 3 bpm for 45 minutes. All equipment ready to mix and pump 40 bbl polymer sweep first thing in the morning and displace with 345 bbls treated brine. Tally 2-7/8" tubing to racks as needed while running. Run tubing. On bottom with bit tagged at 6,753 ft ground level. Began pumping reverse circulating 2 bpm 3 btms up dirty water. Install circulating rubber & began working pipe & reverse circulating water. Circulated heavy mud back to surface ~10 minutes (est. 12-15 bbls). 12/29/2022 Displace hole with brine and pull out of hole with 2-7/8" work string. Fin out of hole with 2-7/8" tbg and DCs. RD tubing tongs, hot bolted tubing head. Begin rigging up for circulation and mixing polymer pill. Start brine displacement down 2-7/8" tubing @ 3BPM. Completed displacement with 30 bbls sweep and 370 bbls treated brine. LD 7 joints tubing. Perform casing test with rig pump. Shut in with 550 psig and break for lunch. Casing pressure held 550 psig. Bleed off pressure and begin POOH. 120 joints laid down. 12/30/2022 RU casing tools for 5.5" 17#/ft, DTL, N80, MU packer and crossover. Run total of 25 joints 5.5" casing. External Test to 2750 psig for 40 seconds, OES Torque Turn 2400-3200 ft/lbs with optimum at 2800 ft/lbs. 1/1/2023 Install test manifold and test pkr at 480 psi charted, 0 psi loss, 30 minutes, (good test). External test to 2,750 psig for 40 seconds. Cont running 5-1/2" casing, 163 jnts in the hole. Set pkr at 6,460' with 19k in comp and 87k tension. Install slips, cut 5-1/2" csg. Install tree, torque studs. Test seals to 3000 psi, Good test. 1/3/2023 MIT to 1357 psi for 30 min. Good test witnessed by Jeremy Williams. 1/25/2023 MIRU equipment to run injection test. Perform injection tests. RDMO injection test equipment. 1/26/2023 Injection tests proved unsuccessful. Approval granted for acid wash of perforations using coil tubing unit. Mob in CT/acid equipment. 1/27/2023 RIH w/ 2" CT. Tag @ 6,633'. Wash to 6,775'. Circ clean. 1/28/2023 Establish injection rate (3/4 bpm @ 1200 psi) SD. 1/29/2023 Prep to inj acid. Csg annulus showed pressure increase to 1440. SD. Opened csg valve and released Nitrogen off backside until brine to surface. Pumped volume of acid, closed backside, and began pumping 10,000 gal of 15% acid @ 3/4 bpm @ 1400 psi while working CT. Formation began to break down w/30 bbls pumped. At 239 bbls pumped, well went on vacuum. SD after all acid pumped. 1/30/2023 Tested upper and lower seal on tree. Test fail. Replace upper and lower seal and void section to 2200 psi. good test. Inject brine for one hour. Well on vacuum. Pump brine at 2 bpm for one hour. Well on vacuum. Backside pressure steady at 150 psi. SD. 1/31/2023 Begin 48 hour pump test. Begin pumping 2.5 bpm with well on vacuum. Increased to 7 bpm w/900 psi on tbg and 940 psi on backside. Increased to 7 bpm w/1300 psi on tbg and 1280 on backside. Slowed rate to 6 bpm, no change in pressure. Change to 2 bpm and prepare for 1,000 acid injection. 2/1/2023 Repack upper and lower seals on WH. Pressure test void. Good test. No successful test of pkr/annulus. Begin pumping 15% acid. Tbg pressure drop to 100 psi. Displace w/brine. Tbg pressure drop to 0 psi. 2/2/2023 Pump brine @ 6 bpm @ 562 psi. Pump brine @ 7 bpm with pressure rise to 1100 psi. Reduce rate to 4 bpm. Pressure drop to 600 psi. 2/3/2023 Pump 2460 bbls brine @ max pressure of 1082 psi. Begin RD of all rental items. Will continue injection tests over weekend. (API CODE NO. 01-129-20087-00-01).

NEW PERMITS