

Submit 1 Copy To Appropriate District
Office

District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-46336
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator GREAT WESTERN DRILLING COMPANY		6. State Oil & Gas Lease No.
3. Address of Operator P.O. BOX 1659 MIDLAND, TX 79702		7. Lease Name or Unit Agreement Name SAUNDERS 26 STATE
4. Well Location Unit Letter C : 150 feet from the NORTH line and 1900 feet from the WEST line Section 26 Township 14S Range 33E NMPM County LEA		8. Well Number 1
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4,189 GR		9. OGRID Number 009338
10. Pool name or Wildcat WC-025 G-10 S143326C; DEVONIAN		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	PNR <input type="checkbox"/>
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Well was drilled, evaluated and abandoned. The following plugs were set as specified by Paul F. Kautz on 3/16/2021:

Plug #1 Devonian - 88 sacks "H" cement from 13475' - 13800'.
 Plug #2 Atoka - 70 sacks "H" cement from 11350' - 11615'.
 Plug #3 Wolfcamp - 60 sacks "H" cement from 9070' - 9264'.
 Plug #4 Tubb - 70 sacks "C" cement from 6900' - 7059'.
 Plug #5 Intermediate Casing - 63 sacks "C" cement from 5650' - 5860'. WOC, then tag top of cement @ 5650'.
 Plug #6 Yates - 32 sacks "C" cement from 2620' - 2728'.
 Plug #7 Rustler - 32 sacks "C" cement from 1550' - 1654'.
 Plug #8 Surface Casing - 32 sacks "C" cement from 325' - 432'.
 Plug #9 Ground - 20 sacks "C" cement from 0' - 60'.

Cut off wellhead and weld on dry hole marker as per NMOC guidelines 3/19/21.

Spud Date: 02/11/2021

Rig Release Date: 03/18/2021

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Cary Billingsley TITLE AREA ENGINEER DATE 04/02/2021
 Type or print name CARY BILLINGSLEY E-mail address: cbillingsley@gwdc.com PHONE: (432)682-5241
For State Use Only

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 9/20/22

Submit 1 Copy To Appropriate District Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-46336
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator GREAT WESTERN DRILLING COMPANY		6. State Oil & Gas Lease No.
3. Address of Operator P.O. BOX 1659 MIDLAND, TX 79702		7. Lease Name or Unit Agreement Name SAUNDERS 26 STATE
4. Well Location Unit Letter <u>C</u> : <u>150</u> feet from the <u>NORTH</u> line and <u>1900</u> feet from the <u>WEST</u> line Section <u>26</u> Township <u>14S</u> Range <u>33E</u> NMPM County <u>LEA</u>		8. Well Number <u>1</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4,189 GR		9. OGRID Number 009338
		10. Pool name or Wildcat WC-025 G-10 S143326C; DEVONIAN

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐
 CLOSED-LOOP SYSTEM ☐
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☒ P AND A ☐
 CASING/CEMENT JOB ☐
 OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

- A. Rig up closed loop system and spudded 17 1/2" hole at 16:45 2/11/2021.
 B. Ran & cemented 13 3/8" 54.5# J-55 surface casing to 382' using 423 sacks Class C cement on 2/12/2021. Cement circulated to surface.
 C. Ran and cemented 9 5/8" 40# L80 intermediate casing to 5810' using 1407 sacks cement on 2/24/2021. Cement circulated to surface.
 D. Drilled well bore to total depth of 13,800' in the Devonian interval. After evaluation, C-103 to Plug and Abandon is forthcoming.

Spud Date: 02/11/2021

Rig Release Date: 03/18/2021

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Cary Billingsley TITLE AREA ENGINEER DATE 04/01/2021

Type or print name CARY BILLINGSLEY E-mail address: cbillingsley@gwdc.com PHONE: (432)682-5241

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

**GREAT WESTERN DRILLING COMPANY
OPERATED WELLS****08/18/22****Page 1****TIGHT HOLE****GWDC****Saunders "26" State #1 – Lea Co., NM****PROS: North Saunders PTD: 13,700' Siluro-Devonian****LOC: 1900' FWL - 150' FNL, T14S-R33E, Sec 26****AFE: CONTR: Norton Rig #2****GWDC WI = 32.33%****GWDC NRI = 24.89%****SPUD: 2/11/21****API: 30-025-46336****APSR: #1912**

- 02/09/21 Moved and set up trailer houses and septic. Set Substructure and pits. Started putting derrick together. Solids equipment coming later today.
- 02/10/21 RU Norton Rig #2. Set up CLS Solids equipment. Will finish rigging them up this A.M. Getting fast line laid to rig today. Have welder set for 10:00 A.M. to weld conductor. Will start filling water tanks and pits today. Notified NM OCD of spud and surface casing 4:40, 2/9/21. Had conversation with both tool pushers and we believe it will be tomorrow before we spud.
DC: \$27,745 CC: \$27,745
- 02/11/21 Drilling @ 382'. Made 0'/24 hrs. Rig repair & RU Norton Rig #2. Weld on conductor. Pre-spud safety inspection & corrections. Mix premix, 100 bbls of Hi Vis pill w/Bentonite. PU BHA, wash to btm. Tag @ 100'. Drlg 100' to 382', 17 1/2" hole, all wt., 80-90 RPM, 110-140 SPM, 700# press. Survey 0.2°, 88 Azi @ 151', 0.7° Inc 50 Azi @ 274', 0.9° Inc 68 Azi @ 373'. Pump 25 bbls hi Vis sweep, circ out. Pump 50 bbls Hi Vis sweep, circ out. Repair clamp on saver sub. Replace dies in grabber. Replace broken hose on iron roughneck. Circ thru string at intervals. TOH. LD 1 jt DP. Safety meeting w/laydown machine. RU Byrd laydown machine. LD Invictus 8" shot survey DC, bit sub & bit. RU Byrd csg crew. Get float equipment, swedge. Schlumberger iron on floor. Run 9 jts 13 3/8", 54.5#, J-55, STC csg w/Weatherford float shoe, float collar, 4 centralizers, 386' total. Set @ 382', FC @ 335', Circ 2 jts, 5 jt5s, 8 jts to wash scale & rust out.
DC: \$104,778 CC: \$148,936
- 02/12/21 Drilling @382'. Made 0'/24 hrs. Run 9 jts 13 3/8", 54.5#, J-55 STC csg w/Weatherford float shoe, float collar, 4 centralizers, 386' total. Set @ 382', FC @ 335', circ 2 jts, 5 jts, 8 jts to wash scale & rust out. Circ. RD csg crew & LD machine. WO Schlumberger. Had problems starting pump motor. Safety meeting w/Schlumberger. Norton rig #2 personnel and Joe Gordy. Cmt w/423 sks class C, 100 bbls @ 14.8#, 1.33 yield, 6.37 FW. Displace 53 bbls FW. Bump plug @ 10:56 A.M. 2/12/21. Floats held. WOC. Cut off conductor, weld on 13 3/8" x 5000# multi-bowl head. Test w/nitrogen 500# w/cactus tech. NU BOP, annular, manifold, valves, cutter rotating head w/Monahans NU. Having problems w/manifold.
DC: \$108,654 CC: \$257,590

**GREAT WESTERN DRILLING COMPANY
OPERATED WELLS****08/18/22****Page 2****TIGHT HOLE**

- 02/13/21 Drilling @382'. Made 0'/24 hrs. NU all BOP equipment w/Monahans NU. Test BOP, manifold, all valves to 250# & 5000#. Test annular 250# & 1500#. Pipe rams no test. Everything else test OK. Open doors, 1 ram rubber off block. WO ram rubbers and install same. Door gasket leaking. Try to tighten, replace door gaskets. Test rams 250# and 5000#, OK. Install wear ring w/Cactus Tech. Replace long hydraulic hose on top drive.
DC: \$151,881 CC: \$409,471
- 02/14/21 Drilling @ 382'. Made 0'/24 hrs. Trouble shoot top drive. Had to heat oil tank with 2 torches to get turning. Pits froze up. Ad brine f/9.4 wt. Thawing out lines with 2 torches. Put back yard together. MU Kelly hose. Try to pump thru standpipe to circ pits. Thawing out lines with 2 torches. Ran out butane. Could not locate any in Lovington. Also could not find welder to come out and help. Fuel jelling up in engines and light plant. Drain pumps and mud lines. Attempt to keep engines and light plant running while waiting on place to get butane and see if can locate welder.
DC: \$50,135 CC: \$479,575
- 02/15/21 Drilling @ 382'. Made 0'/24 hrs. Thaw out mud lines, waterlines w/2 torches & welder w/rosebud. Hook up pumps, standpipe & 4" mud line frozen. Thaw same out. Install bell nipple. Circ thru fill up line. Transfer 225 bbls slush water to half round pit. Add 200 bbls brine & circ thru fill up line. PU directional tools, scribe tools. TIH w/pump. Circ thru fill up line. MW 9.4, Vis 29, pH 7.5, Chl 118k.
DC: \$29,450 CC: \$509,025
- 02/16/21 Drilling @ 1455'. Made 1073'/24 hrs. TIH w/directional BHA. Thaw mud valve to top drive. TIH w/directional BHA, tag cmt 316'. Test csg 1500# f/30 min test OK. Test MWD & motor, test OK. Test ½ shoe track @ 360' to 1500# f/30 min, test OK. Drlg cmt & shoe, 360'-382'. Drlg 382'-1421', ROP 134 FPH, 5-25 wt., 75 rot, 115 SPM, 520 GPM, 1400# press, 100-400# diff. Survey every 190' & conn 3 ¾ hrs. Cont. Slide/drilling from 1421'-1455'. MW 9.6, Vis 29, pH 10, Chl 130k.
DC: \$34,187 CC: \$543,212
- 02/17/21 Drilling @ 2815'. Made 1360'/24 hrs. Drilling f/1455'-1896'. RS, break saver sub from mud valve. Drilling f/1896'-2181'. Replace shaker screens & clean sand trap with Duke truck. Drlg 2181'-2278'. Replace valve on standpipe. Drlg from 2278'-2569'. Remove flow nipple & install rotating head. Drlg 2561'-2815'. MW 10.2, Vis 34, pH 8, Chl 106k.
DC: \$50,757 CC: \$593,969
- 02/18/21 Drilling @ 3805'. Made 990'/24 hrs. Drilling f/2815'-3250'. Pason down, trouble shoot same. Drlg 2850'-3805'. MW 10.6, Vis 34, pH 9, Chl 191k.
DC: \$37,635 CC: \$631,605

**GREAT WESTERN DRILLING COMPANY
OPERATED WELLS****08/18/22****Page 3****TIGHT HOLE**

- 02/19/21 Drilling @ 3990'. Made 185'/24 hrs. Drilling f/3805'-3990'. TOH. Tight 1782-1320'. Work pipe out hole. Stopped coming up. Screw in and circ. Wash & ream 90' & back ream. TOH. Remove rotating head. TOH. Break bit, bit 4" out gauge for 3" down from cutters. MU Ulterra SPL616 bit w/9/16's. Test MWD and motor. TIH. Deviations: 0.7° @ 3832'. MW 10.6, Vis 34, pH 9, Chl 189k.
DC: \$50,718 CC: \$682,322
- 02/20/21 Drilling @ 4506'. Made 516'/24 hrs. TIH. Install rotating head, new gasket on Pason flow meter. Wash, ream & back ream 1320'-1722'. TIH. Wash, ream 100' to btm. Drilling from 3990'-4506'. Attempt to make bit drill, no success. Pump sweep and circ out. TOH to find problem. Deviations: 0.7° @ 4022', 0.4° @ 4212', 0.5° @ 4403'. MW 10.5, Vis 35, pH 10, Chl 188k.
DC: \$48,398 CC: \$730,720
- 02/21/21 Drilling @ 5131'. Made 625'/24 hrs. TOH. Bit #3 DBR on heel row, flat. Change out motor & bit. TIH. Test motor & bit. TIH. Test motor & MWD. TIH. Wash & ream 75' to btm. Last 10' hard. Drilling and rotating from 4506'-5131'. Deviations: 0.4° @ 4593', 0.1° @ 4784', 0.2° @ 4975'. MW 10.5, Vis 35, pH 10, Chl 189k.
DC: \$68,577 CC: \$799,297
- 02/22/21 Drilling @ 5740'. Made 609'/24 hrs. Drill rotate from 5131'-5740'. Lost ROP, diff & torque. TOH f/bit. Tight 1600'-1400'. (Bit cored out, 3 gone cutters, several chipped, bit is DBR). Change bits. Repair chain in draw works. TIH w/bit #5. Tag 5250'. Wash & ream 5250'-5722'. Deviations: 0.1° @ 5165', 0.3° @ 5356', 0.1° @ 5546'. MW 10.6, Vis 34, pH 9, Chl 189k.
DC: \$54,482 CC: \$853,779
- 02/23/21 Drilling @ 5814'. Made 74'/24 hrs. TIH. Hit bridge 5250'. Wash & ream to btm. Ream last 5' slw w/2k wt. Drlg rot 5740-5814'. TOH to run csg. Tight 5400'-4800'. Stabilizers balled up. Circ & rotate. TOH. Tight 1725'-1400'. Pump out hole. RU Byrd Laydown Machine. Replace half link in input chain. LD 9-8" DC's and directional tools, bit, get subs & bits off floor. Pull wear ring. RU Byrd csg crew & safety meetings w/all personnel on rig. Run 145 jts 9 5/8", 40#, L-80, LTC csg, shoe @ 5810'. FC @ 5767'. Total pipe ran w/Cactus Landing Mandrel 5819'. Brett w/New Mexico OCD notified 11:05 A.M. 2/22/21 of run csg & cmt. MW 10.6, Vis 34, pH 9, Chl 177k.
DC: \$245,138 CC: \$1,099,281

**GREAT WESTERN DRILLING COMPANY
OPERATED WELLS****08/18/22****Page 4****TIGHT HOLE**

- 02/24/21 Drilling @ 5814'. Made 0'/24 hrs. Run 145 jts 9 5/8", 40#, L-80, LTC csg, shoe @ 5810'. FC @ 5767'. Total pipe ran w/Cactus landing Mandrell @ 5819'. Wash & circ from 5280'-5810'. First 45' hard had to wash to btm. Make up landing jt, Mandrell, setting tool & slips. Hang csg. Rig down Byrd csg crew & LD machine. Safety meeting with Schlumberger & all personnel on location. Test lines, 40 bbl FW flush. Cmt w/1204 sks 596 bbls @ 11# wt., 2.78 yield point, tail w/203 sks, 48.1 bbls Class C @ 14.8#, yield 1.33. Displace w/438.5 bbls FW. Plug down @ 23:15 P.M. 2/24/21. Circ 125 bbls to WOC. Wash out BOP & wellhead w/Cactus washout tool. Install pack off. Test upper & lower seals. 40K over pull test. Test upper & lower seals to 5000# w/Cactus field tech and wear ring. WOC. Cleaning steel pits w/Duke trucks. WO truck. Clean off floor. MW 8.4, Vis 28, pH 7, Chl 500k.
DC: \$131,024 CC: \$1,230,305
- 02/25/21 Drilling @ 5984'. Made 170'/24 hrs. WOC. Cleaning steel pits w/Duke trucks. WO truck, clean off floor, measure, caliper 12 - 6 1/4" DC's. Get bit & bit breaker on floor. Load directional tools on racks. Fill pits w/fresh water. PU directional BHA. Test motor & MWD. TIH. Circ, test csg to 1500# f/30". Test OK. Drlg cmt, plug & float collar 5708'-5790'. Test csg shoe track 1500# f/30". Drlg cmt 5790'-5814'. Drlg rot f/5814'-5984'. Deviation: 0.2° @ 5821'. MW 8.4, Vis 28, pH 10.5, Chl 600k.
DC: \$33,507 CC: \$1,260,523
- 02/26/21 Drilling @ 6264'. Made 280'/24 hrs. Drlg Rot 5984'-6169'. 6253' torquing up. Trying to get drill to 6255'. No luck. At 6210' 80% dolomite, 20% anhydrite. At 6250' 70% anhy and 30% dolo. TOH f/bit. Remove MWD, change out bit. Check motor, no slack. Drained good. PU MWD. TIH w/bit #7. Wash and ream w/2K to btm. Pump sweep. Drill rot 6255'-6264'. Deviation: 0.2° @ 6012', 1.4° @ 6202'. MW 8.4, Vis 28, pH 11, Chl 8000.
DC: \$35,924 CC: \$1,303,487
- 02/27/21 Drilling @ 7330'. Made 1,066'. Drill rot from 6264'-7330'. RS. Deviations: 1.9° @ 6393', 1.8° @ 6583', 0.9° @ 6774, 1° @ 6965', 0.9° @ 7156'. MW 8.4, Vis 28, pH 11, Chl 8400.
DC: \$45,775 CC: \$1,349,262
- 02/28/21 Drilling @ 8700'. Made 1370'. Drilling and rotating from 7330'-8700'. RS. Deviations: 0.7° @ 7346', 0.6° @ 7535', 0.4° @ 7727', 0.4° @ 7917', 0.6° @ 8107', 0.92° @ 8290'. MW 8.4, Vis 28, pH 10, Chl 9600.
DC: \$39,721 CC: \$1,388,983
- 03/01/21 Drilling @ 9882'. Made 1182'. Drilling and slide from 8700'-9405'. RS, grabber dies. Drilling from 9405-9882'. Deviations: 0.92° @ 8679', 0.79° @ 8870', 0.57° @ 9060', 0.75° @ 9251', 0.57° @ 9441', 0.53° @ 9630', .62° @ 9820'. MW 8.4, Vis 28, pH 9.5, Chl 9400.
DC: \$58,843 CC: \$1,430,541

**GREAT WESTERN DRILLING COMPANY
OPERATED WELLS****08/18/22****Page 5****TIGHT HOLE**

- 03/02/21 Drilling @ 10175'. Made 293'. Formation: Dolo & shale. Drilling 9882'-10083'. Lost full returns @ 10083'. TOH 5 stds. Work pipe every 20 min, mix LCM. Circ shale to pit f/25# per bbl. Pump 300 bbls mud w/25# bbl LCM. Regained returns. SD. Build volume in pits. Mix mud f/vis & waterloss. Add LCM f/25# bbl. Fill premix and mix mud. Pump 50 bbls. Regain circ. Wash & ream 9613-10083. No losses. Drlg f/10083'-10175'. Deviations: 0.62° @ 9820', 0.53° @ 10,010'. MW 8.7, Vis 35, pH 9, Chl 4800.
DC: \$56,988 CC: \$1,524,669
- 03/03/21 Drilling @ 10753'. Made 578'. Formation: Limestone. Drilling and sliding 10175'-10285'. Hung up in slide. Work pipe 75k over string wt. to string wt. w/10k torque, came loose. Drlg and sliding f/10285'-10753'. Deviations: 1.45° @ 10,201', 1.1° @ 10,391', 0.97° @ 10,585. MW 8.6, pH 9, Chl 4800.
DC: \$33,484 CC: \$1,558,241
- 03/04/21 Drilling @ 10753'. Made 0'. Formation: Limestone. TOH f/bit & motor. Break & LD bit & motor. Bit #7. Change motor to 1.75 bend. TIH to 700'. Yest MWD and motor. Trouble shoot MWD. No pulse. Replace 2" hose on top drive. TOH f/MWD failure. Trouble shoot MWD. MWD would not latch into muleshoe all the way. Change out muleshoe & MWD. Test same. Test OK. TIH slow so as not breakdown loss area. Fill pipe every 2000'. Hung up at 6566'. Work pipe with and without pipe. 60k to 280k. Break double and LD same. RU rotary wireline, Free point. Stuck below MWD. Load shot & backoff top 1st monel. Leave 104' tools in hole. LD single. TOH. MW 8.5, Vis 39, pH 9, Chl 6400.
DC: \$90,159 CC: \$1,648,401
- 03/05/21 Drilling @ 10753'. Made 0'. Formation: Dolomite & Limestone. TOH. LD shot XO. Measure & caliper fishing tools. PU same. Screw in sub, bumper sub, jars, 6-6 1/4" DCs, Excelsator sub. TIH. Wash 60' to fish. Screw in and jar twice, came loose. TOH w/fish. Tight 1st 4 stands. LD fishing tools, shot monel, MWD. PU inspect bit & motor. Stabilizer skirt backed off on motor. LD motor. PU clean motor. Scribe tools and make up 7 blade Halco bit. PU MWD & 1 NMDC. Test motor & MWD. Test OK. TIH filling pipe every 2000' to 6100'. Wash & ream 6070'-6644' w/2 4kw. Attempt TIH. 10K going down and hung up 6653'. 70k over to pull loose. Wash & ream and back ream w/2K wt., 6644'-7175'. We PU and go back down and nothing there. Acts like what is trying to stick. We are pushing down hole. Mud loggers say it is all 90% dolomite & 10% limestone. If we put more 2K on it, it tries to stick, torques up & takes 50-70k to pull out of it. MW 8.5, Vis 39, pH 9, Chl 6400.
DC: \$47,862 CC: \$1,696,263

**GREAT WESTERN DRILLING COMPANY
OPERATED WELLS****08/18/22****Page 6****TIGHT HOLE**

- 03/06/21 Drilling @ 10,753'. Made 0'. Formation: Dolomite & Limestone. Wash & ream 7175'-8080' w/1-2 KWT. RS. Wash & ream 8180'-8339'. Reaming went from 90 FPH to 30 FPH w/excessive torque. Keeps stalling motor & top drive out. TOH to check bit & motor. Remove MWD. Break bit & motor, bit full gauge w/a few chipped cutters on heel row. Motor drained good. No slack no visible problems w/motor. Have Halco 8 1/2" MMD75 PDC w/5X16's 7 blade to run. MW 8.5, Vis 44, pH 9.5, Chl 7000.
DC: \$46,434 CC: \$1,742,697
- 03/07/21 Drilling @ 11,365'. Made 612'/24 hrs. Formation: Limestone, Shale, Sand Stone. Cut drlg line. MU 8 1/2" Halco Bit. Test MWD & motor, test OK. TIH filling pipe every 2000'. Wash & ream 120' to btm, 2' fill. Drilling and sliding f/10,753' - 11,365'. Deviations: 0.57° @ 10,770', 0.75° @ 10,961', 0.57° @ 11,152. MW 8.5, Vis 44, pH 9.5, Chl 7000.
DC: \$41,003 CC: \$1,783,700
- 03/08/21 Drilling @ 11,690'. Made 325'/24 hrs. Formation: Limestone, Shale, pyrite. Drlg 11,365'-11,442'. Circ btms up. Try to get to drill. No success. TOH. No drag or problems. Hole in great shape. LD MWD, bit & motor. PU clean motor, 6 blade PDC w/13mm cutter. MU NMDC's, scribe tools. Install MWD. Test MWD & motor, test OK. TIH filling pipe every 2000'. Continue drilling f/11,442' - 11,690'. Deviations: 0.35° @ 11,342', 0.57° @ 11,534'. MW 8.6, Vis 45, pH 9.5, Chl 5800.
DC: \$46,506 CC: \$1,830,205
- 03/09/21 Drilling @ 12,013'. Made 323'/24 hrs. Formation: Limestone, Shale. Drlg 11,690'-11,717'. Lost all diff press. 5000# torque, ROP quit. Circ btms up. Try to get to drill. No success. TOH. No drag or problems. Hole in great shape. LD MWD, bit & motor. PU clean motor, Halco 7 blade PDC w/13mm cutter. MU NMDC's, scribe tools. Install MWD. Test MWD & motor, test OK. TIH filling pipe every 2000'. Ream 120' to btm. Continue drilling f/11,717' - 12,013'. Deviations: 0.53° @ 11,724', 0.66° @ 11,912'. MW 8.6, Vis 46, pH 9.5, Chl 5800.
DC: \$50,540 CC: \$1,880,745
- 03/10/21 Drilling @ 12,510'. Made 497'/24 hrs. Formation: Chert, Limestone, Shale. Drlg 12,013'-12,510'. Circ 12,500' sample. Formation 80% chert, 10% lime & 10% shale w/pyrite. TOH for bit. Will PU Smith Z813, 8 blade w/13MM cutters, 8x16's, bit #11, chipped cutters heel & center. Remove MWD. Break bit, ck motor, install Z813 Smith. Install MWD and test motor and MWD. Test OK. TIH w/DC's & directional tools. Cut drlg line. Deviations: 0.53° @ 11,724', 0.66° @ 11,912'. MW 8.6, Vis 46, pH 9.5, Chl 5800.
DC: \$74,065 CC: \$1,954,810

**GREAT WESTERN DRILLING COMPANY
OPERATED WELLS****08/18/22****Page 7****TIGHT HOLE**

- 03/11/21 Drilling @ 12,926'. Made 416'/24 hrs. Formation: Chert, Limestone, Shale. Cut drlg line. TIH w/bit #12, filling pipe every 2000'. Wash 60' to btm. Drlg 12,510'-12,925'. Attempt to drill, 0# diff, 5200# torque. Drlg f/12,925'-12,926'. Circ btms up. TOH f/bit and motor. Tight f/12,670'-12,340'. Had to pump out. Deviations: 0.62° @ 12,477', 0.53° @ 12,665', .79° @ 12,853'. MW 8.6, Vis 43, pH 10, Chl 4900.
DC: \$29,571 CC: \$1,984,381
- 03/12/21 Drilling @ 12,926'. Made 0'/24 hrs. Formation: Chert, Limestone, Shale. TOH f/bit & motor. LD MWD, motor, bit. PU Halco 7 blade GTD74DHEW/7x20's. Clean motor MWD. Test MWD & motor. RS. TIH filling pipe every 2500'. At 7210' pipe would not circ. TOH to find what is plugged to directional tools. LD MWD, monels in mousehole. Muleshoe plugged w/fine cuttings. Unplug same. LD stabilizer. Ck motor. Pump thru same, OK. MU stabilize, UBHO. Install muleshoe. PU monels & MWD. Test motor & MWD. Test OK. Jet & clean sand trap & half shale pit. Build volume. TIH filling pipe every 2500'. MW 8.6, Vis 43, pH 10, Chl 4900.
DC: \$49,583 CC: \$2,033,964
- 03/13/21 Drilling @ 13,530'. Made 604'/24 hrs. Formation: Limestone. TIH filling DP every 2000'. Wash 110' to btm, 5' fill. Drilling f/12,926' - 13,530'. Deviations: .84° @ 13,042', 1.1° @ 13,231'. MW 9.0, Vis 46, pH 9, Chl 4600.
DC: \$51,350 CC: \$2,085,314
- 03/14/21 Drilling @ 13,800'. Made 270'/24 hrs. Formation: Limestone, dolomite. Drilling f/13,530'-13,665'. Circ samples @ 13,665'. Drlg f/13,665' - 13,690'. Circ samples @ 13,690'. Drlg f/13,690'-13,764'. Circ samples @ 13,764'. Drlg f/13,764'-13,800'. Circ sample @ 13,800'. 25 stand short trip to 11,500'. Circ f/logs. Work pipe every 20 min. TOH f/logs. Schlumberger to be on location @ 10:00 A.M. Deviations: 1.93° @ 13,609', 2.11° @ 13,740'. MW 9.0, Vis 52, pH 9, Chl 4600.
DC: \$43,581 CC: \$2,128,895
- 03/15/21 TD @ 13,800'. Formation: Limestone, dolomite. TOH w/DP & DC's. LD directional tools. Load out same. RU & log w/Schlumberger. Loggers depth 13,780'. RD loggers. WO orders.
DC: \$59,522 CC: \$2,188,417
- 03/16/21 WO orders. TIH opened slow w/DP & DCs on top, 60 MPH wind. Circ btms up. RU Byrds LD Machine & safety meeting. LD 166 ¼" DC's. Total 443'. PU 15 jts 4 ½", 16.6 DP, total 474'.
DC: \$58,593 CC: \$2,247,010

**GREAT WESTERN DRILLING COMPANY
OPERATED WELLS****08/18/22****Page 8****TIGHT HOLE**

- 03/17/21 Circ & WO Schlumberger. Set 1st plug @ 13,782', 10 bbls CW7 front, 88 sks, 17 bbls Class H @ 16.4#, 3 bbls FW, 183.6 bbls drlg mud. SD. Knock swedge off. LD 69 jts DP. Circ 1 ¼ hr. 2nd plug @ 11,611', 10 bbls CW 7, 70 sks, 13.3 bbls 16.4#, Class H, 3 bbls FW, 153.3 bbls drlg mud. LD 74 jts DP, circ 1 hr. Set 3rd plug @ 9264', 10 bbls CW 7, 60 sks, 11.3 bbls Class H @ 16.4#, 3 bbls FW, 120.1 bbls drlg mud. LD 70 jts DP, circ 1 hr. 4th plug @ 7044', 10 bbls CW 7, 49 sks, 9.3 bbls Class C neat @ 16.4#, 3 bbls FW, 89.4 bbls drlg mud. LD 37 jts DP. Circ. 5th plug @ 5869', 63 sks, 10 bbls CW7, 15 bbls Class C @ 16.4#, 3 bbls FW, 71.8 bbls drlg mud. TOH 5 stands, circ & WOC. HGave to tag plug at btm intermediate csg. Cmt still wet.
DC: \$19,932 CC: \$2,266,942
- 03/18/21 Circ & WOC. Cmt still wet, 8:45 A.M. TIH w/3 stands. Tag cmt 5650'. LD 99 jts DP. TIH w/2 stands. Circ, set plug #6 @ 2727', 10 bbls CW 7, 32 sks. 7.2 bbls CLACC C @ 14.8#, 3 bbl FW, 28.3 bbls drlg fluid. LD 34 jts DP, circ @ 1648'. Set plug #7 @ 1648', 10 bbls CW7, 32 sks, 702 bbls class C @ 14.8#, 3 bbl FW, 13 bbls drlg mud. LD 34 jts, circ @ 444'. Set plug #8, 10 bbls CW 7, 32 sks, 7.6 bbls Class C @ 14.8#, 3 bbls FW, 2.2 bbls drlg fluid. LD 12 jts DP. Set top plug #9. 9.6 bbls FW, 20 sks, 4.2 bbls Class C @ 14.8#, 2.4 bbls FW. Remove wear bushing. ND BOP equipment manifold, rotating head, rental Spool. Clean pits w/Duke trucking.
DC: \$160,115 CC: \$2,427,057
- 03/19/21 Released rig 16:00 P.M. 3/20/21. All equipment will be released today. Will start moving Norton #2 off this weekend. Will have all equipment off by Tuesday. **FINAL REPORT.**

N. SAUNDERS 26 STATE #1

150' FNL & 1900' FWL (LOT C), SEC 26, T14S-R33E

LEA COUNTY, NEW MEXICO

LAT 33.082310 N & LONG 103.586969 W

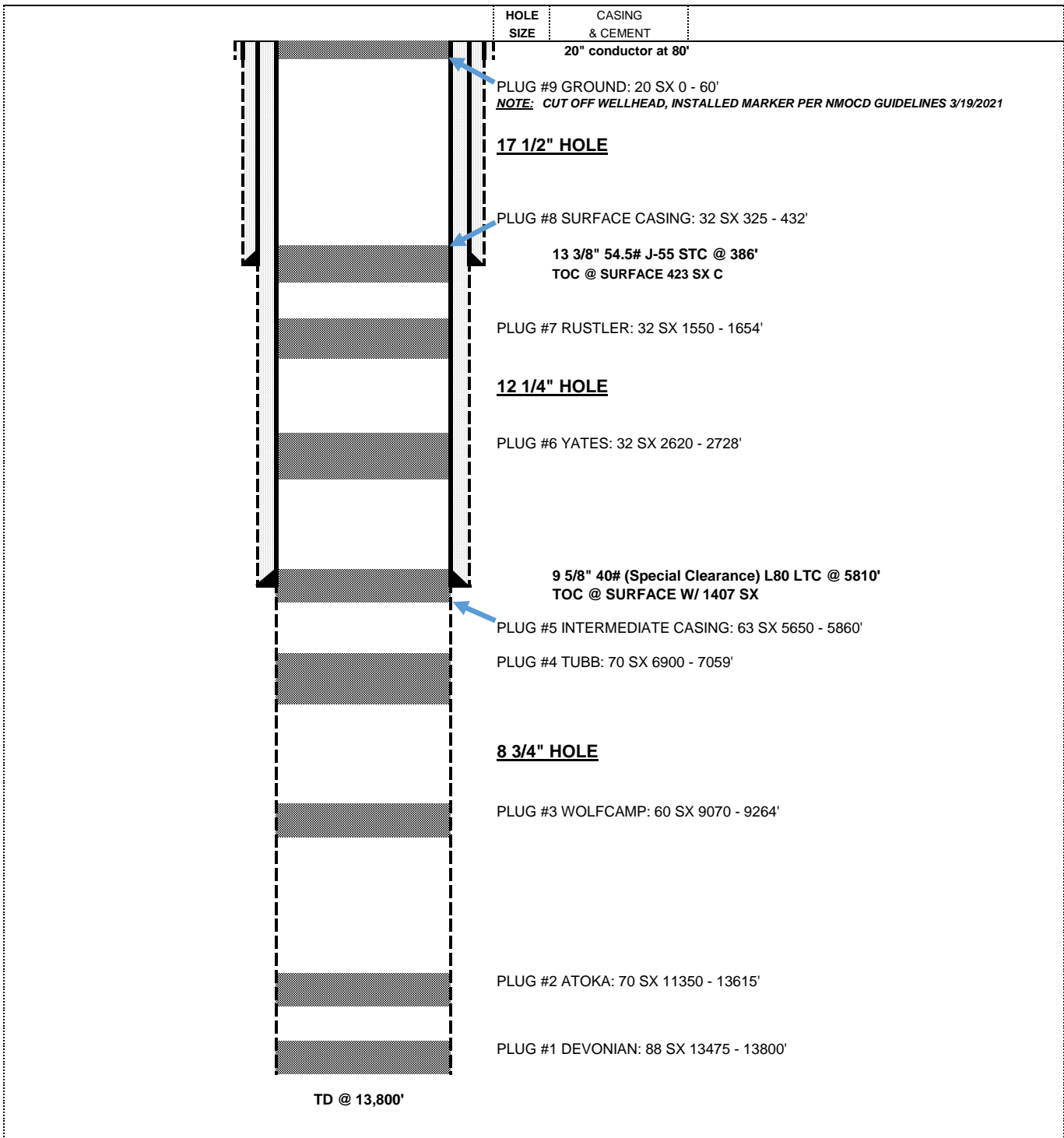
API#: 30-025-46336**OPERATOR: GREAT WESTERN DRILLING Co.**

Spud date: 2/11/2021

Elevations: GL 4195'

GL-KB 17'

KB 4212'



District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

COMMENTS

Action 135571

COMMENTS

Operator: GREAT WESTERN DRILLING CO P.O. Box 1659 Midland, TX 79701	OGRID: 9338
	Action Number: 135571
	Action Type: [C-103] Sub. Plugging (C-103P)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM	9/21/2022

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 135571

CONDITIONS

Operator: GREAT WESTERN DRILLING CO P.O. Box 1659 Midland, TX 79701	OGRID: 9338
	Action Number: 135571
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
kfortner	Need C103Q and marker pics to release	9/20/2022