

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

WELL API NO. 30-005-29217
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name WISHBONE STATE
8. Well Number 001
9. OGRID Number 147404
10. Pool name or Wildcat TOWERS SAN ANDRES (Code 59770)

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.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other: SWD

2. Name of Operator
 COBRA OIL & GAS CORPORATION

3. Address of Operator
 P O BOX 8206, WICHITA FALLS, TX 76307

4. Well Location
 Unit Letter L : 1672 feet from the SOUTH line and 476 feet from the WEST line
 Section 1 Township 11S Range 31E NMPM County: CHAVES

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
 4503 GR

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: ☐ PLUGBACK ☐

SUBSEQUENT REPORT OF:

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

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.

Cobra Oil & Gas Corporation commenced plugback operations on 05/03/2021, and completed operations on 06/06/2021. Attached are the plugback reports.

Spud Date:

Rig Release Date:

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

SIGNATURE Barbara Pappas TITLE Prod & Reg Compl Sup. DATE 11/01/2024

Type or print name Barbara Pappas E-mail address: Barbara@cobraogc.com PHONE: 940-716--5100

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

**COBRA OIL & GAS CORPORATION
WISHBONE STATE 001
PLUGBACK REPORTS**

- 05/03/21: MI HT Services PU, set rig mat & RU. MI approx. 11,500' of 2 7/8" L-80 tubing (work-string) & tally top row. SICP = vacuum, ND wellhead & NU 7 1/16" 3K BOP. PU 2 7/8" SN & TIH with 130 joints of WS (4,237'). Had to SDFD due to rain, hail & lightning.
- 05/04/21: SICP = blow, SITP = blow. Continue in the hole with WS to 11,507', POOH Standing pipe back noticing the last 3 rows (2,268') of pipe were covered in good oil. Had The Wireline Group rigged up but decided to run a packer & swab well. RD The Wireline Group, called for 7" Arrow set PKR. PU compression PKR, SN, TIH with 50 stands (3256'), SWI & SDFN.
- 05/05/21: SICP = blow, SITP = blow. Continue in the hole with WS, PKR to 11,540' & set PKR with 16K in compression. Loaded backside with 29 bbls (FL = 1,000') & tested good to 500 PSIG. RU swab, made a total of 16 swab runs with IFL = 1,300' & EFL = 1,700'. Each run had a TRC of oil on them but not recordable. Recovered 98 BW & 0 BO. RD swab, un-set PKR & POOH. LD PKR, SWI & SDFN.
- 05/06/21: SICP = 0 PSIG, RU The Wireline Group, RIH with 7" gauge ring to 11,555' with no issues. POOH, PU 7" CIBP, correlate to radial bond GR/CCL log dated 04-Jun-2018 & RIH to 11,550' (found FL @ 1,300') & set. Tagged CIBP & POOH. RIH with dump bailer & dumped 35' of class "H" cement on top of CIBP. POOH & LD bailer. TIH with WS to 11,452' & circulate hole with 350 bbls of 9.5# brine water. POOH, PU 7" CIBP, RIH to 8,989' (found FL @ 700') & set CIBP. tagged plug, POOH & PU dump bailer. RIH & dump 35' of class "H" cement on top of CIBP. POOH, RD WLU, SWI & SDFN.
- 05/07/21: SICP = 0 PSIG, RIH with 200 joints of WS then LD WS (15 were already layed down) & RIH with 75 stands placing EOT @ 4906.00'. RU J & B Well Service, LLC, load hole with 18 bbls of 9.5# brine water. Batched up 25 sacks of class "C" cement mixed @ 14.8# with 1.32 yield with 3.75 water requirement. Pumped cement followed by 18.3 bbls of 9.5# brine water. Checked to see if plug was balanced & it was. LD 22 joints of WS then TOOH with WS. SWI & SDFN.
- 05/08/21: SICP = 0 PSIG, RU Kill Truck & loaded casing with 15 bbls of 9.5# brine water. Tested casing to 500 PSIG & held good for 15 minutes. RU The Wireline Group, PU gamma & CCL with 25' of perf guns. RIH & corrolate to Radial Bond, Gamma Ray/CCL dated 04-Jun-2018. Perforte from 4,250' - 4,275' with 60° phasing with 4 SPF, POOH finding all shots fired & RD WL truck. PU S/N 2 joints of tail pipe, PKR & TIH with WS placing S/N @ 4,187'. Set PKR, loaded casing with 1 bbl of 9.5# brine water & tested good to 500 PSIG. RU Swab, 1st run = surface, 2 nd run 1300', 3rd = 2500', 4th = 2900' pulling from SN recovering grey mud on that run (looked like drilling mud). Waited 1 hr, 5th = 1500', 6th 2500', 7th 2800' & 8th 3700' pulling from SN. Recovered 56 BW, SWI & SDFN.
- 05/10/21: SICP = 10#, Unseat PKR, TIH placing tailpipe @ 4270', RU Crane acidizing Services & spot 500 gallons of 15% HCl NEFE on bottom. Pulled tail pipe to 4,187', revered acid into tubing & set PKR. Tested backside good to 500 PSIG, RU on tubing & acidize as follows: Pumped 9,500 gallons of 15% HCl NEFE acid, broke well down with matrix rates of .3 bpm @ 500 PSIG, .5 bpm @ 700 PSIG, 1 bpm @ 1220 PSIG when well broke & started to take fluid. Increased rate to 2 bpm @ 2110 PSIG, pumped 26.4 bbls then started dropping 10 ball sealers @ a time for a total of 200 balls but never saw ball action. Went to flush still with 2 BPM @ 1220 PSIG. Flushed with 27.3 bbls of fresh water. ISIP = 1190 PSIG, 5 min = 670 PSIG, 10 min = 470 PSIG & 15 min = 380 PSIG. Max pressure = 2110 PSIG, Avg PSI = 1232, Max rate = 2.5 BPM, Avg rate = 1.5625 BPM. SWI & SDFD. LWTR = 252 bbls, We did ND BOP & flang well up.
- 05/11/21: SICP = 500#, SITP = Vac. RU Swab, IFL = 700' & EFL = 2100', made a total of 39 runs, last 24 runs the FL = 2100'. Recovered 235 BW & 0 BO. SWI & SDFD.
- 05/12/21: SICP = 500#, SITP = 40#. IFL = 1400' & EFL = 2100', made 35 runs, last 23 runs the FL = 2100'. Recovered 216 BW & 0 BO. SWI & SDFD.
- 05/13/21: SICP = 500#, SITP = 20#. IFL = 1400' & EFL = 2300', made 35 runs, last 12 runs the FL = 2300'. Recovered 207 BW & 0 BO. SWI & SDFD. Had swab water checked as follows: MW = 9.7 ppg & chlorides = 140,000.

- 05/14/21: SICP = 500#, SITP = 20#. IFL = 1400' & EFL = 2400', made 33 runs, last 10 runs the FL = 2400'. Recovered 203 BW & 0 BO. SWI & SDFD. Water I just black iron sulfide water.
- 05/15/21: SICP = 500#, SITP = 10#. IFL = 1500' & EFL = 2400', made 29 runs, last 10 runs the FL = 2400'. Recovered 186 BW & 0 BO. SWI & SDFD. Water I just black iron sulfide water.
- 05/17/21: SICP = 500#, SITP = 10#. IFL = 1200' & EFL = 2400', made 30 runs, last 14 runs the FL = 2400'. Recovered 196 BW & 0 BO. SWI & SDFD. Water I just black iron sulfide water. Note: 2nd run had 2% oil on top of run. After 1st run, RD PU & MO. MI & RU Mesa Swabbing unit & RU.
- 05/18/21: SICP = 500#, SITP = 0 PSIG. IFL = 1600' & EFL = 1800', made 34 runs, last 2 runs the FL = 1800'. Recovered 210 BW & 0 BO. SWI & SDFD. Water is just black iron sulfide water. Note: 1st run had 2% oil on top of run, runs 2 -32 the FL = 1700' & last 2 runs FL = 1800'.
- 05/26/21: MI HT Energy Services & RU. SDFN.
- 05/27/21: SITP = 0 PSIG, Bled casing off to 0 PSIG. ND wellhead & NU 5K BOP. Un-set PKR, POOH with tubing & LD PKR (rubbers looked good). SWI & SDFD. Had to flush the radiator on the WSU this afternoon.
- 05/28/21: SICP = 0 PSIG. MIRU WLU, MU gauge ring, RIH & tagged cement plug @ 4,800'. POOH, PU 7" CIBP, RIH, correlated with gamma & set @ 4,505'. PU RIH finding plug had moved down hole very slowly (must have broken a slip on the way in the hole. POOH PU another CIBP (wrapped bailing wire around slips), RIH & set it @ 4,505'. PU & tagged it solid. POOH, LD setting tool, PU 7" X 1' csg gun w/6 spf, 60° phasing, RIH & shoot squeeze perfs @ 4,500'. POOH finding all shots fired. SWI & SDFN.
- 06/01/21: SICP = 0 PSIG. RU WLU, PU 7" CICR, RIH, correlate with gamma, set @ 4,495', PU, RIH & tagged in same place. POOH, LD tools, PU cmt stinger, TIH with tubing to top of CICR & pumped 2 tubing volumes 52 bbls to clear tubing. Sting into retainer & established an injection rate of 1 bpm @ 50 PSIG with no blow on backside. Sting out of retainer batch up 30 sx of Class "C" + 5% salt + 0.5% C-47B + 0.005 GPS NoFoam V1A, mixed @ 14.8 ppg, 1.37 cf/sx yield with 6.52 pgs mix water. Pumped cement followed by 17 bbls of fresh water (note: checked backside & it was blowing by this time) & SI BS. Sting back into retainer when well went on a vacuum, pumped 2 bpm & caught cement in 2 bbls. Slowed rate to 0.5 bpm, displaced cmt to retainer with 130 PSIG of lift pressure & 7" had very small returns back to tank. Stung out of retainer (casing U-tubed for 10 seconds), RD floor, pulled tubing slow for 5 stands pulling a dry string & TOOH. LD stinger, SWI & SDFN.
- 06/02/21: SICP = 0 PSIG. MU 7" CIBP, RIH, correlate with gamma to 4,055' & set. PU, RIH, tagged plug & POOH. RU cement pump truck, loaded hole with 25 bbls & tested CIBP to 2500 PSIG & held good. MU 7" X 1' csg gun w/6 spf, 60° phasing & RIH to 4,050'. Shot 6 holes, POOH & confirmed all shots fired. MU 7" CICR, RIH, correlate with gamma & set plug @ 4,045', PU, RIH & tagged retainer. POOH, RDMO WLU. PU stinger, TIH with tubing to top of retainer & pumped tubing capacity. Sting into retainer, got a 1 bpm injection rate @ 25 PSIG. Sting out of retainer, batched up 36 sx of Class "C" + 2% CaCl + 0.005 GPS NoFoam V1A, mixed @ 14.8 ppg with 1.35 cf/sx yield & 6.35 gps water requirement. Displaced cement to 1 bbl from EOT, stung into retainer with well on a vacuum @ a 2.5 bpm rate. Let well suck to see if it would stop but it sucked it 2 bbls past retainer. SD sting out, reversed out 24 bbls with tubing clean the entire time. Pulled 20 stands, SWI & SDFN.
- 06/03/21: SICP = 0 PSIG, SITP = 0 PSIG, TIH, Sting into retainer, got an injection rate of 0.5 bpm @ 280 PSIG, pumped 5 bbls @ that rate then went to 1 bpm @ 900 PSIG but broke back to 8 psig after 3 bbls. Stung out of retainer broke circulation to insure there was no air bubbles in casing with 28 bbls. Batched up 50 sx (12 bbls) of Class "C" + 2% CaCl + 0.005 GPS NoFoam V1A, mixed @ 14.8 ppg, 1.35 cf/sx yield & 6.38 pps water requirement. Spot cement 2 bbls from EOT, sting into retainer, pressured backside up to 500 PSIG & held on squeeze manifold (monitored during job) & pumped 7 bbls of cement into perfs @ .5 bpm. Pressure up to 1000 PSIG then SD with tubing press dropping to 600 PSIG. Waited 30 minutes got back onto tubing @ .5 bpm with 500 PSIG on tubing, pumped 3 bbls into perfs & SD for 20 minutes. Got back on to tubing @ 0.25 bpm with 250 PSIG pumping into perfs, pumped cement away 4 bbls past retainer to insure perfs were clear &

SD. Went to sting out of retainer but found we were stuck, tried to work it free with the tongs (put 40 rounds into it only getting 4 back). Worked pipe up to 70K string weight several times but never could get stung out. Called Rotary wireline free point truck, Waited 3.5 hrs, pumped 0.25 bpm down tubing with 130 PSIG on tubing, when it got to 170 PSIG we were pumping into it. SD & RD Cementers. RU free point truck, RIH & tag @ 4,050'. Found we were 100% stuck @ 4,050' but 100% free @ 3,400'. POOH, PU chemical cutter, RIH, cut tubing 15' above a free collar @ 3,385'. POOH, RD wireline & TOOH with tubing. SWI & SDFN.

06/04/21: SICIP = 0 PSIG, LD 14 joints out of derrick, TIH with tubing & set on slips. RD HT Energy Services & MO. MI & RU Mico Services 24 hr PU & RU. TOOH, PU 6 1/8" hard band shoe, 10 joints of 5 1/2" body wash pipe, TIH to 3,385' & tagged tubing. Worked over tubing then tagged cement @ 3400'. RU power swivel, milled from 3,400' - 3,410' @ report time.

06/05/21: Continue to wash over tubing to 3420' when shoe seemed to be worn out. Circulated hole clean, TOOH finding it was worn out (while TOOH, called rotary wireline to free point again), PU 6 1/2" overshot, TIH & latched onto tubing. PU on tubing when it jumped, tried to go down & latch back on with no success. TOOH finding we had a 20' piece of sliced tubing in overshot. Decided to RU 6 1/2" Piranha mill. PU mill, 1 - 6 1/8" stabilizer, 1 3-1/2" DC, 1 - 6 1/8" stabilizer & 5-31/2" DC's. TIH to 3400', tagged up, RU power swivel & milled what was left of the tubing down to 3420'. Continue to mill down to 3427' when rig blew a hydraulic hose. Called for mechanic @ report time.

06/06/21: Continue to mill down to 3435' when mill started to slow down, Called Baker Hughes for the version of a good mill, they sent out 2 mills that had a much harder cutting surface with opticut inserts & Superloy buttons for cement. TOOH finding mill was worn, LD mill & PU Baker mill. TIH with same set up, Wash down to bottom, Pumped 4 BPM & milled from 3435' to 3452' @ report time.



Downhole Well Profile

Well Name: WISHBONE STATE SWD #1
Prospect: TOWER

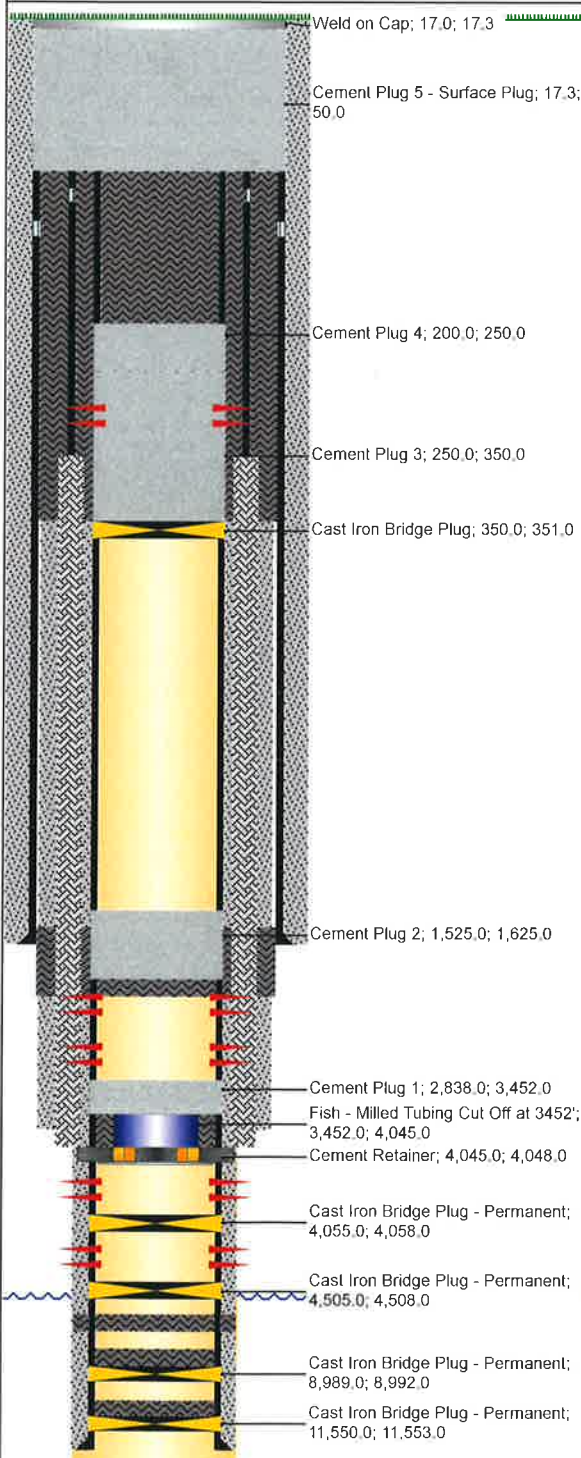
API/UWI 30-005-29217	Surface Legal Location UL Lot L, Section 1, T11S, R31E	Field Name	State/Province New Mexico	Well Type Disposal
Original KB Elevation (ft) 4,520.00	Ground Elevation (ft) 4,503.00	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB)	

Type

Des	Make	Model	WP (psi)	Service	WP Top (psi)	Bore Min (in)

Original Hole, 12/4/2024 3:26:59 PM

Vertical schematic (actual)



Casing Strings

Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Top Thread	Set Depth (ftKB)
Surface	13 3/8	54.50	J-55		1,599.0
Intermediate	9 5/8	40.00	J-55		4,000.0
Production	7	26.00	L-80		11,703.0

Perforations

Date	Top (ftKB)	Btm (ftKB)	Linked Zone
12/13/2023	255.0	256.0	
12/12/2023	1,650.0	1,651.0	
12/12/2023	2,310.0	2,311.0	
6/2/2021	4,050.0	4,051.0	
5/8/2021	4,250.0	4,275.0	

Tubing Strings

Tubing Description	Run Date	String Length (ft)	Set Depth (ftKB)
Item Des	Jts	Make	Model

Rod Strings

Rod Description	Run Date	String Length (ft)	Set Depth (ftKB)
Item Des	Jts	Make	Model

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 408667

CONDITIONS

Operator: COBRA OIL & GAS CORPORATION P O BOX 8206 WICHITA FALLS, TX 76307	OGRID: 147404
	Action Number: 408667
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	This plugback report had been missing, this late submission now completes the Plugback and P&A subsequent reports.	12/4/2024