

Submit a 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. 30-025-28291
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 Superior State
8. Well Number 1
9. OGRID Number 151416
10. Pool name or Wildcat Morton; Wolfcamp
4. Well Location Unit Letter <u>K</u> : <u>1980</u> feet from the <u>South</u> line and <u>1980</u> feet from the <u>West</u> line Section <u>7</u> Township <u>15S</u> Range <u>35E</u> NMPM County <u>Lea</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4040' GR

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 ☐

2. Name of Operator
Fasken Oil and Ranch, Ltd.

3. Address of Operator
6101 Holiday Hill Road, Midland, TX 79707

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.

Fasken Oil and Ranch, Ltd. plugged the above well. Daily activities began 2/25/21 through 3/10/21. Please see attached operations.

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 Addison Guelker TITLE Regulatory Analyst DATE 3/11/21

Type or print name Addison Guelker E-mail address: addisong@forl.com PHONE: 432-687-1777

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Superior State #1 – Plug and Abandon

2/25/21

Contacted OCD (Kerry Fortener) and notified of intent to start P&A operation and received approval to proceed w/ plugging operations. SITP-0 psi, SICP-0 psi. RUPU (BCM plugging unit Rig No. 5). Rig crew dug out cellar around well head and located surface casing valve. BCM set cement pump and plugging equipment. Contractor delivered and set pipe racks and catwalk. Screwed into standing valve, unseated standing valve on 1st pull and tubing stayed static. POW and LD 72– 1-1/4" Fiberod FG rods w/ SHSM couplings, 50– 7/8" Norris "97" steel rods w/ FHSM couplings, 41– 7/8" Norris "96" steel rods w/ FHSM couplings, 14– 1-1/2" K-bars w/ 3/4" SHSM couplings and LD 2-1/4" plunger w/ no standing valve. SWI and SDON.

2/26/21

SITP-0 psi, SICP-0 psi. NDWH, function tested and NU 7-1/16" 3K manual BOP and released TAC. POW w/ 168 jts 2-7/8" EUE 8rd J55 tubing and LD 2-7/8" x 5-1/2" Model "B" TAC, 6' x 2-7/8" EUE 8rd tubing sub, 2-1/4" TH Nicarb pump barrel, 2-1/4" seating shoe w/ SS collar, 4' x 2-7/8" EUE 8rd perf sub and 1 jt 2-7/8" EUE 8rd tubing w/ BP on btm. Received and unloaded 90 jts new 2-7/8" EUE 8rd J55 tubing from Fasken stock. Contractor backhauled 9 jts 2-3/8" EUE 8rd N80 tubing to Fasken pipe yard. SWI and SDON.

3/1/21

SITP-0 psi, SICP-0 psi. Crew arrived to location at 9:55 am Texas time. RU Hydrostatic TT and RIW w/ retrieving head, 2-7/8" SN and 168 jts 2-7/8" EUE 8rd J55 tubing while hydro testing tubing to 6000 psi above slips w/ no failures found and RDTT. Installed BIW tubing stripper and continued RIW w/ additional 10 jts 2-7/8" EUE 8rd J55 new tubing. RU BCM plugging equipment and pumped 33 bbw attempting to load well w/ no success. Tagged, engaged and released 5-1/2" big bore AS-1X packer w/ 4-1/2" x-over w/ 4" EZGO FJ4 pin x 2-7/8" EUE box and 7 joints 4" 10.7# L-80 EZGO FJ4 liner on bottom and observed 3K increase on string weight. Monitored well for flow and observed well flowing back 5 minutes after packer was released. RU BCM plugging equipment and displaced well with 120 bbw and returns consisted of dark water w/ sour/H2S smell and after pump SD, observed strong vacuum on tubing and casing flow started decreasing and stopped 5 minutes after pump SD. POW and LD 1 jt 2-7/8" EUE 8rd J55 tubing. SWI and SDON.

3/2/21

SITP-0 psi, SICP-50 psi. RU BCM plugging equipment and circulated well with 120 bbw and returns consisted of dark water w/ sour/H2S smell and observed strong vacuum on tubing and casing flow stopped when SD pump. ND BIW tubing stripper and finished POW w/ 175 jts 2-7/8" EUE 8rd J55 tubing and LD retrieving head, 5-1/2" big bore AS-1X packer, 4-1/2" x-over w/ 4" EZGO FJ4 pin x 2-7/8" EUE box, 7 joints 4" 10.7# L-80 EZGO FJ4 liner and 4-1/2" "J" less TOSSD. RIW w/ retrieving head, 2-7/8" SN and 185 jts 2-7/8" EUE 8rd J55 tubing. Tagged, engaged, and released 5-1/2" AS-1X packer, RIW 20' past plug set point and POW w/ 185 jts 2-7/8" EUE 8rd J55 tubing and LD 2-7/8" SN, retrieving head and 5-1/2" AS-1X packer. SWI and SDON. Pumped a total of 200 bbw throughout the day for well control.

3/3/21

SICP-0 psi. RU BCM pump and pumped 50 bbw w/ biocide down casing for well control. Notified Kerry Fortener with NMOCD and was instructed to proceed w/ plugging operations. RUWL (Capitan) and RIW w/ 4.75" gauge ring down to 10,358' FS (WLM). POW and LD tools. RIW w/ 5-1/2" 10K CIBP and set CIBP

at 10,310' FS WLM. RIW w/ dump bailer and dump bail 35' class H cement on top of CIBP (2 runs). POW and RDWL. RIW w/ 2-7/8" x 4' perforated sub and 166 jts 2-7/8" EUE 8rd J55 tubing and left EOT swinging at 5327' SWI and SDON.

3/4/21

SITP-0 psi, SICP-0 psi. Finished RIW w/ 2-7/8" x 4' perforated sub and 320 jts 2-7/8" EUE 8rd J55 tubing and tagged TOC 10,260' FS. Notified NM OCD Kerry Fortner and FORL office of tag depth and instructed to proceed w/ plugging operations. Displaced well with 135 bbls of mud laden brine water and returns consisted of dark water. POW w/ 24 jts 2-7/8" EUE 8rd J55 tubing and left EOT swinging at 9500' FS. Mixed and pumped 25 sx of Class "H" cement (5.25 bbls slurry) (s.w. 15.6 ppg, yield 1.18 ft³/sx) @ 2 bpm w/ 0 psi followed by 1 bfw spacer and 52 bbls of mud laden bw. Balanced cement plug at 9500' FS and displaced to approximately 9300' FS. Casing had circulation throughout job and continued flowing after pump SD and returns consisted of dark water. POW w/ 40 jts 2-7/8" EUE 8rd J55 tubing and left EOT swinging at 8221' SWI and SDON.

3/5/21

SITP-0 psi, SICP-0 psi. RIW w/ 2-7/8" EUE 8rd J55 tubing and tagged TOC 9259' FS. Notified NMOCD Kerry Fortner of tag depth and instructed to proceed w/ plugging operations and to spot 2 balanced plugs at 8000' and 6200' FS w/ no tag required and to squeeze casing hole at 5663'/5695' w/ 50 sx Class "C" cement (s.w. 14.8 ppg, yield 1.32 ft³/sx). POW w/ 46 jts 2-7/8" EUE 8rd J55 tubing and left EOT swinging at 7993' FS. Mixed and pumped 25 sx Class "H" cement (5.25 bbls slurry) (s.w. 15.6 ppg, yield 1.18 ft³/sx) @ 2 bpm w/ 0 psi followed by 1 bfw spacer and 45 bbls mud laden bw. Balanced cement plug at 7993' FS and displaced to approximately 7800' FS. Casing had circulation throughout job and continued flowing after pump SD and returns consisted of dark water. POW w/ 50 jts 2-7/8" EUE 8rd J55 tubing and left EOT swinging at 6195'. Mixed and pumped 25 sx Class "C" cement (5.87 bbls slurry) (s.w. 14.8 ppg, yield 1.32 ft³/sx) @ 2 bpm w/ 0 psi followed by 1 bfw spacer and 34 bbls mud laden bw. Balanced cement plug at 6195' FS and displaced to approximately 6000' FS w/ casing w/ circulation throughout job and continued flowing after pump SD and returns consisted of dark water. POW w/ 80 jts 2-7/8" EUE 8rd J55 tubing. RU BCM plugging equipment and circulated well with 100 bbw for well control and returns consisted of dark water w/ sour/H₂S smell. After pump SD, observed strong vacuum on tubing and casing flow stopped. Continued POW w/ additional 23 jts 2-7/8" EUE 8rd J55 tubing and SD due to high cross winds. SWI and SDON.

3/8/21

SITP-0 psi, SICP-0 psi, SISP-0 psi. Finished POW and LD 91 jts 2-7/8" EUE 8rd J55 tubing and 4' x 2-7/8" EUE 8rd J55 tubing sub. RIW w/ 5-1/2" AD-1 packer and 167 jts 2-7/8" EUE 8rd J55 tubing and set packer at 5360' FS. Loaded tubing/casing annulus w/ 4 bbls mud laden brine water and pressured tested AD-1 packer and 5-1/2" casing to 500 psi w/ no pressure loss in 15 minutes and bled off pressure. Established injection rate at 3 BPM w/ 0 psi w/ 5 bbls mud laden brine water and surface casing had no circulation and stayed static while establishing injection rate. Mixed and pumped 50 sx Class "C" cement (11.75 bbls slurry) (s.w. 14.8 ppg, yield 1.32 ft³/sx) @ 2 BPM @ 0 psi followed by 1 bfw spacer and 34 bbls mud laden bw and surface casing had no circulation and tubing/casing annulus stayed static throughout job. SWI and WOC 4 hrs. Cement plug was displaced to approximately 5563' FS w/ casing holes at 5663' FS. Released packer RIW w/ tubing and tagged TOC 5560' FS. Notified NM OCD Kerry Fortner of tag depth and NM OCD instructed to proceed w/ plugging operations. POW and LD 40 jts 2-7/8" EUE 8rd J55 tubing and left packer swinging 4301' FS. RUWL and RIW w/ perf gun and perforated 5-1/2" casing w/ 4 squeeze holes 4630' FS. Loaded well w/ 3 bbls mud laden brine water. Set 5-1/2" AD-1 packer 4301' FS. Established injection rate at 2.5 BPM @ 1000 psi w/ 3bbls mud laden brine water. Surface casing had no

circulation and stayed static while establishing injection rate. Mixed and pumped 30 sx Class "C" cement (9.37 bbls slurry) (s.w. 14.8 ppg, yield 1.32 ft³/sx) @2.5 BPM w/ 1000 psi followed by 1 bfw spacer and 28 bbls mud laden bw. SD pump w/ ISIP 1000 psi. Cement plug was displaced to approximately 4510' FS w/ squeeze holes 4630' FS and surface casing had no circulation and stayed static throughout job. SWI and SDON.

3/9/21

SITP-0 psi, SICP-0 psi, SISP-0 psi. Released packer and RIW w/ tubing and tagged TOC 4500' FS. Notified NM OCD Kerry Fortner of tag depth and NM OCD instructed to proceed w/ plugging operations. POW and LD 57 jts 2-7/8" EUE 8rd J55 tubing and left packer swinging 2664' FS. RUWL and RIW w/ perf gun and perforated 5-1/2" casing w/ 4 squeeze holes 3000' FS. Loaded well w/ 3 bbls mud laden brine water and set 5-1/2" AD-1 packer 2664' FS. Attempted to establish injection rate w/ no success. Notified NM OCD Kerry Fortner and instructed to proceed w/ plugging operations and to spot 25 sx Class "C" cement at 3050' FS and did not require to tag TOC. POW w/ 84 jts 2-7/8" EUE 8rd J55 tubing and LD 5-1/2" AD-1 packer. RIW w/ 2-7/8" x 4' perforated sub, 96 jts 2-7/8" EUE 8rd J55 tubing and left EOT swinging 3050' FS. Mixed and pumped 25 sx Class "C" cement (5.87 bbls slurry) (s.w. 14.8 ppg, yield 1.32 ft³/sx) @2 bpm w/ 100 psi followed by 1 bfw spacer and 15 bbls mud laden bw. Balanced cement plug at 3050' FS and displaced to approximately 2797' FS. Surface casing stayed static, and casing had circulation throughout job and stopped after pump SD, returns consisted of brown/clear water. POW and LD 96 jts 2-7/8" EUE 8rd J55 tubing and 2-7/8" x 4' perforated sub. RUWL and RIW w/ perf gun and perforated 5-1/2" casing w/ 4 squeeze holes 470' FS. POW w/ WL and LD tools. Loaded well w/ 4 bbls mud laden brine water and attempted to establish injection rate w/ no success. Notified NM OCD Kerry Fortner and was instructed to proceed w/ plugging operations and to spot 25 sx Class "C" cement at 520' FS and did not require to tag TOC. RIW w/ 2-7/8" x 4' perforated sub, 16 jts 2-7/8" EUE 8rd J55 tubing and left EOT swinging 520' FS. Mixed and pumped 25 sx Class "C" cement (5.87 bbls slurry) (s.w. 14.8 ppg, yield 1.32 ft³/sx) @2 bpm w/ 0 psi followed by 1.5 bbls mud laden bw and balanced cement plug at 520' FS and displaced to approximately 267' FS. Surface casing stayed static, and casing had circulation throughout job and stopped after pump SD, returns consisted of brown/clear water. POW and LD 16 jts 2-7/8" EUE 8rd J55 tubing and 2-7/8" x 4' perforated sub. RUWL and RIW w/ perf gun and perforated 5-1/2" casing w/ 4 squeeze holes 150' FS. POW w/ WL and LD tools. Attempted to establish injection rate w/ no success. Notified NM OCD Kerry Fortner and instructed to proceed w/ plugging operations and to spot Class "C" cement at 180' FS and displaced to surface. RIW w/ 2-7/8" x 4' perforated sub, 7 jts 2-7/8" EUE 8rd J55 tubing and left EOT swinging 200' FS. ND manual BOP. Mixed and pumped 25 sx Class "C" cement (5.87 bbls slurry) (s.w. 14.8 ppg, yield 1.32 ft³/sx) and circulated good cement to surface. POW and LD 7 jts 2-7/8" EUE 8rd J55 tubing and 2-7/8" x 4' perforated sub. Top off 5-1/2" casing w/ Class "C" cement. RD cement pump, RDPU and released all rental equipment. Contractor hauled 50 bbw, 40 bfw to location and hauled 80 bf to public SWD. Well plugged, waiting on WH cut off.

3/10/21

Contractor cut off well head. RIW w/ tag bar and rope and tag TOC 60' FS between 8-5/8" x 5-1/2" annulus. POW and LD tools. RIW w/ 1" tubing between 5-1/2" x 8-5/8" annulus down to 60' FS. Mixed and pumped 5 sx Class "C" cement and circulated good cement to surface. Welded plate onto casing w/ marker joint. Installed 1" 2000 psi valve on top of plate. Filled bottle w/ grease and placed over valve. Left valve closed and removed handle. Backhoe backfilled hole and covered casing. Removed mast anchors and cleaned up location. WELL PLUGGED AND ABANDONED.

Superior State #1 – Plug and Abandon

2/25/21

Contacted OCD (Kerry Fortener) and notified of intent to start P&A operation and received approval to proceed w/ plugging operations. SITP-0 psi, SICP-0 psi. RUPU (BCM plugging unit Rig No. 5). Rig crew dug out cellar around well head and located surface casing valve. BCM set cement pump and plugging equipment. Contractor delivered and set pipe racks and catwalk. Screwed into standing valve, unseated standing valve on 1st pull and tubing stayed static. POW and LD 72– 1-1/4" Fiberod FG rods w/ SHSM couplings, 50– 7/8" Norris "97" steel rods w/ FHSM couplings, 41– 7/8" Norris "96" steel rods w/ FHSM couplings, 14– 1-1/2" K-bars w/ 3/4" SHSM couplings and LD 2-1/4" plunger w/ no standing valve. SWI and SDON.

2/26/21

SITP-0 psi, SICP-0 psi. NDWH, function tested and NU 7-1/16" 3K manual BOP and released TAC. POW w/ 168 jts 2-7/8" EUE 8rd J55 tubing and LD 2-7/8" x 5-1/2" Model "B" TAC, 6' x 2-7/8" EUE 8rd tubing sub, 2-1/4" TH Nicarb pump barrel, 2-1/4" seating shoe w/ SS collar, 4' x 2-7/8" EUE 8rd perf sub and 1 jt 2-7/8" EUE 8rd tubing w/ BP on btm. Received and unloaded 90 jts new 2-7/8" EUE 8rd J55 tubing from Fasken stock. Contractor backhauled 9 jts 2-3/8" EUE 8rd N80 tubing to Fasken pipe yard. SWI and SDON.

3/1/21

SITP-0 psi, SICP-0 psi. Crew arrived to location at 9:55 am Texas time. RU Hydrostatic TT and RIW w/ retrieving head, 2-7/8" SN and 168 jts 2-7/8" EUE 8rd J55 tubing while hydro testing tubing to 6000 psi above slips w/ no failures found and RDTT. Installed BIW tubing stripper and continued RIW w/ additional 10 jts 2-7/8" EUE 8rd J55 new tubing. RU BCM plugging equipment and pumped 33 bbw attempting to load well w/ no success. Tagged, engaged and released 5-1/2" big bore AS-1X packer w/ 4-1/2" x-over w/ 4" EZGO FJ4 pin x 2-7/8" EUE box and 7 joints 4" 10.7# L-80 EZGO FJ4 liner on bottom and observed 3K increase on string weight. Monitored well for flow and observed well flowing back 5 minutes after packer was released. RU BCM plugging equipment and displaced well with 120 bbw and returns consisted of dark water w/ sour/H2S smell and after pump SD, observed strong vacuum on tubing and casing flow started decreasing and stopped 5 minutes after pump SD. POW and LD 1 jt 2-7/8" EUE 8rd J55 tubing. SWI and SDON.

3/2/21

SITP-0 psi, SICP-50 psi. RU BCM plugging equipment and circulated well with 120 bbw and returns consisted of dark water w/ sour/H2S smell and observed strong vacuum on tubing and casing flow stopped when SD pump. ND BIW tubing stripper and finished POW w/ 175 jts 2-7/8" EUE 8rd J55 tubing and LD retrieving head, 5-1/2" big bore AS-1X packer, 4-1/2" x-over w/ 4" EZGO FJ4 pin x 2-7/8" EUE box, 7 joints 4" 10.7# L-80 EZGO FJ4 liner and 4-1/2" "J" less TOSSD. RIW w/ retrieving head, 2-7/8" SN and 185 jts 2-7/8" EUE 8rd J55 tubing. Tagged, engaged, and released 5-1/2" AS-1X packer, RIW 20' past plug set point and POW w/ 185 jts 2-7/8" EUE 8rd J55 tubing and LD 2-7/8" SN, retrieving head and 5-1/2" AS-1X packer. SWI and SDON. Pumped a total of 200 bbw throughout the day for well control.

3/3/21

SICP-0 psi. RU BCM pump and pumped 50 bbw w/ biocide down casing for well control. Notified Kerry Fortener with NMOCD and was instructed to proceed w/ plugging operations. RUWL (Capitan) and RIW w/ 4.75" gauge ring down to 10,358' FS (WLM). POW and LD tools. RIW w/ 5-1/2" 10K CIBP and set CIBP

at 10,310' FS WLM. RIW w/ dump bailer and dump bail 35' class H cement on top of CIBP (2 runs). POW and RDWL. RIW w/ 2-7/8" x 4' perforated sub and 166 jts 2-7/8" EUE 8rd J55 tubing and left EOT swinging at 5327' SWI and SDON.

3/4/21

SITP-0 psi, SICP-0 psi. Finished RIW w/ 2-7/8" x 4' perforated sub and 320 jts 2-7/8" EUE 8rd J55 tubing and tagged TOC 10,260' FS. Notified NM OCD Kerry Fortner and FORL office of tag depth and instructed to proceed w/ plugging operations. Displaced well with 135 bbls of mud laden brine water and returns consisted of dark water. POW w/ 24 jts 2-7/8" EUE 8rd J55 tubing and left EOT swinging at 9500' FS. Mixed and pumped 25 sx of Class "H" cement (5.25 bbls slurry) (s.w. 15.6 ppg, yield 1.18 ft³/sx) @ 2 bpm w/ 0 psi followed by 1 bfw spacer and 52 bbls of mud laden bw. Balanced cement plug at 9500' FS and displaced to approximately 9300' FS. Casing had circulation throughout job and continued flowing after pump SD and returns consisted of dark water. POW w/ 40 jts 2-7/8" EUE 8rd J55 tubing and left EOT swinging at 8221' SWI and SDON.

3/5/21

SITP-0 psi, SICP-0 psi. RIW w/ 2-7/8" EUE 8rd J55 tubing and tagged TOC 9259' FS. Notified NMOCD Kerry Fortner of tag depth and instructed to proceed w/ plugging operations and to spot 2 balanced plugs at 8000' and 6200' FS w/ no tag required and to squeeze casing hole at 5663'/5695' w/ 50 sx Class "C" cement (s.w. 14.8 ppg, yield 1.32 ft³/sx). POW w/ 46 jts 2-7/8" EUE 8rd J55 tubing and left EOT swinging at 7993' FS. Mixed and pumped 25 sx Class "H" cement (5.25 bbls slurry) (s.w. 15.6 ppg, yield 1.18 ft³/sx) @ 2 bpm w/ 0 psi followed by 1 bfw spacer and 45 bbls mud laden bw. Balanced cement plug at 7993' FS and displaced to approximately 7800' FS. Casing had circulation throughout job and continued flowing after pump SD and returns consisted of dark water. POW w/ 50 jts 2-7/8" EUE 8rd J55 tubing and left EOT swinging at 6195'. Mixed and pumped 25 sx Class "C" cement (5.87 bbls slurry) (s.w. 14.8 ppg, yield 1.32 ft³/sx) @ 2 bpm w/ 0 psi followed by 1 bfw spacer and 34 bbls mud laden bw. Balanced cement plug at 6195' FS and displaced to approximately 6000' FS w/ casing w/ circulation throughout job and continued flowing after pump SD and returns consisted of dark water. POW w/ 80 jts 2-7/8" EUE 8rd J55 tubing. RU BCM plugging equipment and circulated well with 100 bbw for well control and returns consisted of dark water w/ sour/H₂S smell. After pump SD, observed strong vacuum on tubing and casing flow stopped. Continued POW w/ additional 23 jts 2-7/8" EUE 8rd J55 tubing and SD due to high cross winds. SWI and SDON.

3/8/21

SITP-0 psi, SICP-0 psi, SISP-0 psi. Finished POW and LD 91 jts 2-7/8" EUE 8rd J55 tubing and 4' x 2-7/8" EUE 8rd J55 tubing sub. RIW w/ 5-1/2" AD-1 packer and 167 jts 2-7/8" EUE 8rd J55 tubing and set packer at 5360' FS. Loaded tubing/casing annulus w/ 4 bbls mud laden brine water and pressured tested AD-1 packer and 5-1/2" casing to 500 psi w/ no pressure loss in 15 minutes and bled off pressure. Established injection rate at 3 BPM w/ 0 psi w/ 5 bbls mud laden brine water and surface casing had no circulation and stayed static while establishing injection rate. Mixed and pumped 50 sx Class "C" cement (11.75 bbls slurry) (s.w. 14.8 ppg, yield 1.32 ft³/sx) @ 2 BPM @ 0 psi followed by 1 bfw spacer and 34 bbls mud laden bw and surface casing had no circulation and tubing/casing annulus stayed static throughout job. SWI and WOC 4 hrs. Cement plug was displaced to approximately 5563' FS w/ casing holes at 5663' FS. Released packer RIW w/ tubing and tagged TOC 5560' FS. Notified NM OCD Kerry Fortner of tag depth and NM OCD instructed to proceed w/ plugging operations. POW and LD 40 jts 2-7/8" EUE 8rd J55 tubing and left packer swinging 4301' FS. RUWL and RIW w/ perf gun and perforated 5-1/2" casing w/ 4 squeeze holes 4630' FS. Loaded well w/ 3 bbls mud laden brine water. Set 5-1/2" AD-1 packer 4301' FS. Established injection rate at 2.5 BPM @ 1000 psi w/ 3bbls mud laden brine water. Surface casing had no

circulation and stayed static while establishing injection rate. Mixed and pumped 30 sx Class "C" cement (9.37 bbls slurry) (s.w. 14.8 ppg, yield 1.32 ft³/sx) @2.5 BPM w/ 1000 psi followed by 1 bfw spacer and 28 bbls mud laden bw. SD pump w/ ISIP 1000 psi. Cement plug was displaced to approximately 4510' FS w/ squeeze holes 4630' FS and surface casing had no circulation and stayed static throughout job. SWI and SDON.

3/9/21

SITP-0 psi, SICP-0 psi, SISP-0 psi. Released packer and RIW w/ tubing and tagged TOC 4500' FS. Notified NM OCD Kerry Fortner of tag depth and NM OCD instructed to proceed w/ plugging operations. POW and LD 57 jts 2-7/8" EUE 8rd J55 tubing and left packer swinging 2664' FS. RUWL and RIW w/ perf gun and perforated 5-1/2" casing w/ 4 squeeze holes 3000' FS. Loaded well w/ 3 bbls mud laden brine water and set 5-1/2" AD-1 packer 2664' FS. Attempted to establish injection rate w/ no success. Notified NM OCD Kerry Fortner and instructed to proceed w/ plugging operations and to spot 25 sx Class "C" cement at 3050' FS and did not require to tag TOC. POW w/ 84 jts 2-7/8" EUE 8rd J55 tubing and LD 5-1/2" AD-1 packer. RIW w/ 2-7/8" x 4' perforated sub, 96 jts 2-7/8" EUE 8rd J55 tubing and left EOT swinging 3050' FS. Mixed and pumped 25 sx Class "C" cement (5.87 bbls slurry) (s.w. 14.8 ppg, yield 1.32 ft³/sx) @2 bpm w/ 100 psi followed by 1 bfw spacer and 15 bbls mud laden bw. Balanced cement plug at 3050' FS and displaced to approximately 2797' FS. Surface casing stayed static, and casing had circulation throughout job and stopped after pump SD, returns consisted of brown/clear water. POW and LD 96 jts 2-7/8" EUE 8rd J55 tubing and 2-7/8" x 4' perforated sub. RUWL and RIW w/ perf gun and perforated 5-1/2" casing w/ 4 squeeze holes 470' FS. POW w/ WL and LD tools. Loaded well w/ 4 bbls mud laden brine water and attempted to establish injection rate w/ no success. Notified NM OCD Kerry Fortner and was instructed to proceed w/ plugging operations and to spot 25 sx Class "C" cement at 520' FS and did not require to tag TOC. RIW w/ 2-7/8" x 4' perforated sub, 16 jts 2-7/8" EUE 8rd J55 tubing and left EOT swinging 520' FS. Mixed and pumped 25 sx Class "C" cement (5.87 bbls slurry) (s.w. 14.8 ppg, yield 1.32 ft³/sx) @2 bpm w/ 0 psi followed by 1.5 bbls mud laden bw and balanced cement plug at 520' FS and displaced to approximately 267' FS. Surface casing stayed static, and casing had circulation throughout job and stopped after pump SD, returns consisted of brown/clear water. POW and LD 16 jts 2-7/8" EUE 8rd J55 tubing and 2-7/8" x 4' perforated sub. RUWL and RIW w/ perf gun and perforated 5-1/2" casing w/ 4 squeeze holes 150' FS. POW w/ WL and LD tools. Attempted to establish injection rate w/ no success. Notified NM OCD Kerry Fortner and instructed to proceed w/ plugging operations and to spot Class "C" cement at 180' FS and displaced to surface. RIW w/ 2-7/8" x 4' perforated sub, 7 jts 2-7/8" EUE 8rd J55 tubing and left EOT swinging 200' FS. ND manual BOP. Mixed and pumped 25 sx Class "C" cement (5.87 bbls slurry) (s.w. 14.8 ppg, yield 1.32 ft³/sx) and circulated good cement to surface. POW and LD 7 jts 2-7/8" EUE 8rd J55 tubing and 2-7/8" x 4' perforated sub. Top off 5-1/2" casing w/ Class "C" cement. RD cement pump, RDPU and released all rental equipment. Contractor hauled 50 bbw, 40 bfw to location and hauled 80 bf to public SWD. Well plugged, waiting on WH cut off.

3/10/21

Contractor cut off well head. RIW w/ tag bar and rope and tag TOC 60' FS between 8-5/8" x 5-1/2" annulus. POW and LD tools. RIW w/ 1" tubing between 5-1/2" x 8-5/8" annulus down to 60' FS. Mixed and pumped 5 sx Class "C" cement and circulated good cement to surface. Welded plate onto casing w/ marker joint. Installed 1" 2000 psi valve on top of plate. Filled bottle w/ grease and placed over valve. Left valve closed and removed handle. Backhoe backfilled hole and covered casing. Removed mast anchors and cleaned up location. WELL PLUGGED AND ABANDONED.

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

CONDITIONS

Action 20505

CONDITIONS

Operator: FASKEN OIL & RANCH LTD 6101 Holiday Hill Midland, TX 79707	OGRID: 151416
	Action Number: 20505
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
kfortner	None	8/9/2021