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

WELL API NO. 30-025-28826	
5. Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No.	
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.)	7. Lease Name or Unit Agreement Name Superior State
1. Type of Well: Oil Well ☒ Gas Well ☐ Other	8. Well Number 2
2. Name of Operator Fasken Oil and Ranch, Ltd.	9. OGRID Number 151416
3. Address of Operator 6101 Holiday Hill Road, Midland, TX 79707	10. Pool name or Wildcat Morton; Wolfcamp
4. Well Location Unit Letter L : 1980 feet from the South line and 810 feet from the West line Section 7 Township 15S Range 35E NMPM County Lea	
	11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 4040' GR

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☒	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☐						
OTHER:	☐			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. plans to plug and abandon the above well. Please see attached wellbore diagram and procedures.

4" diameter 4' tall Above Ground Marker

SEE ATTACHED CONDITIONS OF APPROVAL

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 9/18/20

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

For State Use Only

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 2/9/21
Conditions of Approval (if any):

Recommended Procedure
Superior State No. 2
1980' FSL & 810' FWL
Sec 7, T15S, R25E
API No. 30-025-27237
AFE No. 4092

OBJECTIVE:	Plug and Abandon
WELL DATA:	
13-3/8" 54.5# J-55 ST&C casing:	Set at 406', cmt w/ 460 sx "C". TOC surface, circ 200 sx
8-5/8" 24# K-55, 28# S-80 LT&C casing:	Set at 4600', cmt w/ 1700 sx Hal Lite + 200 sx "C". TOC surface, circ 380 sx
5-1/2" 15.5#, 17# K-55 LT&C casing:	Set at 10,500', DV tool at 7908'. Cmt 1st stg w/ 470 sx Trinity Lite + 200 sx "H", circ 50 sx above DV tool. Cmt 2nd stg w/ 755 sx Trinity Lite + 100 sx "H". TOC 4240' FS per temp survey. Casing leak discovered 06/2011 at 2118'-2175'. Squeezed with 450 sx "C", circ 90 sx to surface via 5-1/2" x 8-5/8" annulus.
KB:	16'- KB 4061', GL 4045'
TD:	10,500'
PBTD:	10,384' (current, CIBP at 10,400' w/ cmt dump bailed on top)
Perforations:	10,406'-11' (2 jspf, 10h, abandoned), 10,350'-55' (2 jspf, 10h), 10,314'-24' (2 jspf, 20h), 10,122'-29' (2 jspf, 14h), 10,100'-04' (2 jspf, 8h), 10,087'-90' (2 jspf, 6h), 10,066'-68' (2 jspf, 4h)

1. Notify NMOCD of intent to rig up and begin P&A operations. Check with Addison Guelker/Jimmy Carlile to make sure we have necessary permits to begin work.

2. Receive pipe racks, catwalk, and 250 bbl steel half frac workover tank.

3. Receive and unload +/-10,200' 2-3/8" EUE 8rd N-80 work string. Clean threads and tally tubing.

4. Set rig mats and RUPU. POW laying down rods and pump, noting any corrosion and/or wear on rods. Send rods in for inspection and pump to pump shop.

5. Kill well if necessary with produced water. NDWH, release TAC, and NU 3k manual BOP with 2-3/8" pipe rams and blind rams. POW laying down production tubing. Note any external corrosion or pitting on OD of tubing. Backhaul tubing for inspection.

6. RUWL with packoff. RIW with 4.75" gauge ring (17# drift = 4.767"), junk basket, and CCL to 10,050'. Correlate CCL to Gray Wireline GR/CCL log dated 6/6/2011 (use DV tool at 7908' to help correlation). POW and LD tools.

7. RIW with 5-1/2" (17#) 10k CIBP on wireline and set CIBP at 10,020' (casing collars at 10,008' and 10,050'). POW and LD setting tool. RIW with dump bailer and dump bail 35' Class "H" cement on top of CIBP in 2 runs. POW and RDWL.

8. RIW with open-ended 2-3/8" x 4' perforated sub, 2-3/8" SN, and 2-3/8" work string and tag cement on top of CIBP. Notify NMOCD and FORL Midland office of tag depth. Proceed to next step only with NMOCD/FORL approval.

9. Pick up 5' and establish conventional circulation. Displace well up to 4600' (roughly 130 bbls) with 9.5 ppg mud-laden brine water (25 sx gel per 100 bbl water).

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10. POW laying down tubing to 9550'. Mix and spot 25 sx Class "H" (15.6 ppg, 1.18 ft3/sx- Wolfcamp plug) and displace cement to 9350' with 9.5 ppg mud-laden brine water.

11. POW laying down tubing to 8100'. Mix and spot 30 sx Class "H" (15.6 ppg, 1.18 ft3/sx- combined plug- Abo + DV tool) and displace cement to 7830' with 9.5 ppg mud-laden brine water. POW and WOC 4 hours.

12. RIW and tag TOC (deepest allowable tag is 7858', 50' above DV tool). Notify NMOCD and FORL Midland office of tag depth. Proceed to next step after NMOCD/FORL approval.

13. POW laying down tubing to 6100'. Mix and spot 25 sx Class "C" (14.8 ppg, 1.32 ft3/sx- Glorietta plug) and displace cement to 5850' with 9.5 ppg mud-laden brine water.

14. POW laying down tubing to 4650'. Mix and spot 25 sx Class "C" (14.8 ppg, 1.32 ft3/sx- San Andres + intermediate shoe plug) and displace cement to 4400' with 9.5 ppg mud-laden brine water. POW standing back 2000' tubing. WOC 4 hours.

15. RIW and tag TOC (deepest allowable tag 4550', 50' above 8-5/8" shoe). Notify NMOCD and FORL Midland office of tag depth. Proceed to next step only with NMOCD/FORL approval.

16. Pick up 5' and displace well to surface (roughly 105 bbls) with 9.5 ppg mud-laden brine water. POW laying down tubing to 3000'.

P&S 50 sx Class C

17. Mix and spot 25 sx Class "C" (14.8 ppg, 1.32 ft3/sx- Yates/base of salt plug) and displace to 2750' with 9.5 ppg mud-laden brine water.

P&S Circ Class C to surface all strings

18. POW laying down all but 460' tubing. Mix and pump Class "C" cement (14.8 ppg, 1.32 ft3/sx) until cement is visually verified in returns from 2-3/8" x 5-1/2" annulus (should be roughly 50 sx). POW and LD all tubing.

Circ to surface

19. Top off 5-1/2" casing with Class "C" cement if necessary.

Verify Cement to surface all strings

20. ND BOP, RDPU, and release all rental equipment.

21. Empty workover tank, cut off mast anchors, and clean location.

22. Cut off casing 3' below ground level. Weld plate onto casing with marker joint with the following information:

Fasken Oil and Ranch, Ltd.
Superior State No. 2
1980' FSL & 810' FWL
Section 7, T-15-S, R-25-E
Lea County, New Mexico

API # 30-025-28826 and date
Required on marker also

23. Remediate location as per NMOCD requirements.

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as of 8/13/2020

Well:	**Superior State No. 2**
Operator:	**Fasken Oil and Ranch, Ltd.**
Location:	1980' FSL and 810' FWL
	Sec 7, T15S, R25E
	Lea County, NM
Comp:	9/24/1984
API #:	30-025-28826
TD:	10,500'
PBTD:	10,384' (current)

Casing:

13-3/8" 54.5# J-55 ST&C set @ 406'
cmt w/ 460 sx "C"
TOC surface, circ 200 sx
8-5/8" 24# K-55, 28# S-80 LT&C set @ 4600'
cmt w/ 1700 sx Hal Lite + 200 sx "C"
TOC surface, circ 380 sx
5-1/2" 15.5#, 17# K-55 LT&C set @ 10,500', DV tool @ 7908'
cmt 1st stg w/ 470 sx Trinity Lite + 200 sx "H", circ 50 sx above DV
cmt 2nd stg w/ 755 sx Trinity Lite + 100 sx "H"
TOC 4240' FS per temp survey

Hole Sizes:
17-1/2": surface - 406'
11": 406' - 4600'
7-7/8": 4600' - 10,500'

Perfs:
10,406'-11'
10,350'-55' , 2 JSPF , 10 holes
10,314'-24' , 2 JSPF , 20 holes
10,122'-29' , 2 JSPF , 14 holes
10,100'-04' , 2 JSPF , 8 holes
10,087'-90' , 2 JSPF , 6 holes
10,066'-68' , 2 JSPF , 4 holes

CIBP: 10,400', dump bailed 35' Class "H" on top

5-1/2" casing detail (bottom to top):

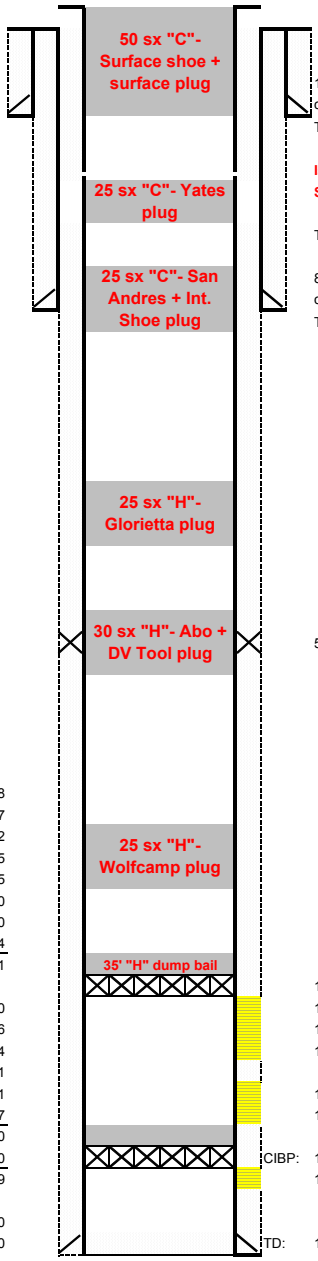
(1) 5-1/2" float shoe		1.68
(1) jt 5-1/2" 17# K-55 LT&C		43.17
(1) 5-1/2" float collar		1.42
(60) jts 5-1/2" 17# K-55 LT&C		2565.45
(1) 5-1/2" Howco DV tool		3.05
(1) jt 5-1/2" 17# K-55 LT&C		43.60
(187) jts 5-1/2" 15.5# K-55 LT&C		7785.20
(2) jts 5-1/2" 17# K-55 LT&C		86.54
	Total	10530.11

Tubing:

(3) jts 2-7/8" EUE 8rd J-55 MA w/ bull plugged bottom		94.40
(1) Cavins Desander w/ X-O's		19.26
(1) 2-3/8" X 2' N-80 Tubing Sub		2.24
(1) 5-1/2" x 2-3/8" EUE 8rd "B" type TAC w/ 35K shear (exchange)		2.71
(1) 2-3/8" EUE 8rd mechanical seating shoe		0.81
(315) jts 2-3/8" EUE 8rd N-80 tubing		9873.77
	Below KB	10.00
	Tbg Stretch	4.60
	Total	10007.79

Rods:

(1) 2" x 1.25"x 36' RHBM pump # AP-219 (Rebuilt pump)	36.00
(1) 1-1/2" x 25' Flexbar C sinker bar w/ 3/4" pins w/ SHSM couplings	25.00
(1) 3/4" x 26K shear tool (New)	0.74
(13) 1-1/2" x 25' Flexbar C sinker bars w/ 3/4" pins w/ SHSM couplings	325.00
(53) 3/4" x 25' N-90 rods w/FHSM couplings	1325.00
(69) 7/8" 25' N-90 rods w/ 7/8" pins and SHSM couplings	1750.00
(170) 1" X 37.50' Fibercom Fiberglass rods w/ 7/8' pins and SHSM couplings	6375.00
(1) 1" x 6' Fibercom fiberglass rod sub w/ 7/8" SHSM couplings	6.00
(1) 30' x 1-1/4" Polish rod w/ 18' x 1-1/2" Liner w/ 7/8" SHSM PR coupling	30.00
Total	9872.74



GL: 4045'
KB: 4061'

13-3/8" 54.5# J-55 ST&C set @ 406'
cmt w/ 460 sx "C"
TOC surface, circ 200 sx

Isolated 5-1/2" csg lk @ 2118'-2175'. Perf sqz holes
Sqz lk w/ 450 sx cmt , TOC surface, circ 90 sx

TOC 4240' FS per temp survey

8-5/8" 24# K-55, 28# S-80 LT&C set @ 4600'
cmt w/ 1700 sx Hal Lite + 200 sx "C"
TOC surface, circ 380 sx

5-1/2" DV tool- 7908'

10,122'-29' , 2 JSPF , 14 holes
10,100'-04' , 2 JSPF , 8 holes
10,087'-90' , 2 JSPF , 6 holes
10,066'-68' , 2 JSPF , 4 holes

10,350'-55' , 2 JSPF , 10 holes
10,314'-24' , 2 JSPF , 20 holes

CIBP: 10,400', dump bailed 35' Class "H" on top
10,406'-11'

TD: 10,500'

5-1/2" 15.5#, 17# K-55 LT&C set @ 10,500', DV tool @
cmt 1st stg w/ 470 sx Trinity Lite + 200 sx "H", circ 50
cmt 2nd stg w/ 755 sx Trinity Lite + 100 sx "H"

s @ 2180'

@ 7908'
sx above DV

CONDITIONS OF APPROVAL
FOR PLUGGING AND ABANDONMENT
OCD - Southern District

The following is a guide or checklist in preparation of a plugging program, this is not all inclusive and care must be exercised in establishing special plugging programs in unique and unusual cases, Notify NMOCD District Office I (Hobbs) at **(575)-263-6633** at least 24 hours before beginning work. After MIRU rig will remain on well until it is plugged to surface. OCD is to be notified before rig down.

Company representative will be on location during plugging procedures.

1. A notice of intent to plug and abandon a wellbore is required to be approved before plugging operations are conducted. A cement evaluation tool is required in order to ensure isolation of producing formations, protection of water and correlative rights. A cement bond log or other accepted cement evaluation tool is to be provided to the division for evaluation if one has not been previously run or if the well did not have cement circulated to surface during the original casing cementing job or subsequent cementing jobs. Insure all bradenheads have been exposed, identified and valves are operational prior to rig up.

2. Closed loop system is to be used for entire plugging operation. Upon completion, contents of steel pits are to be hauled to a permitted disposal location.

3. Trucking companies being used to haul oilfield waste fluids to a disposal - commercial or private- shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator as well as the contractor, to verify that this permit is in place prior to performing work. Drivers shall be able to produce a copy upon request of an NMOCD Field inspector.

4. Filing a subsequent C-103 will serve as notification that the well has been plugged.

5. A final C-103 shall be filed (and a site inspection by NMOCD Inspector to determine if the location is satisfactorily cleaned, all equipment, electric poles and trash has been removed to Meet NMOCD standards) before bonding can +be released.

6. If work has not begun within 1 Year of the approval of this procedure, an extension request must be file stating the reason the well has not been plugged.

7. Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.

8. Produced water will not be used during any part of the plugging operation.

9. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.

10. All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater. 50' of calculated cement excess required for inside casing plugs and 100% calculated cement excess required on outside casing plugs.

11. Class 'C' cement will be used above 7500 feet.

12. Class 'H' cement will be used below 7500 feet.

13. A cement plug is required to be set 50' above and 50' below, casing stubs, DV tools, attempted casing cut offs, cement tops outside casing, salt sections and anywhere the casing is perforated, these plugs require a 4 hour WOC and then will be tagged

14. All Casing Shoes Will Be Perforated 50' below shoe depth and Attempted to be Squeezed, cement needs to be 50' above and 50' Below Casing Shoe inside the Production Casing.

16. When setting the top out cement plug in production, intermediate and surface casing, wellbores should remain full at least 30 minutes after plugs are set

17. A CIBP is to be set within 100' of production perforations, capped with 100' of cement, WOC 4 hours and tag.

18. A CIBP with 35' of cement may be used in lieu of the 100' plug if set with a bailer. This plug will be placed within 100' of the top perforation, (WOC 4 hrs and tag).

19. No more than 3000' is allowed between cement plugs in cased hole and 2000' in open hole.

20. Some of the Formations to be isolated with cement plugs are: These plugs to be set to isolate formation tops

A) **Fusselman**

B) **Devonian**

C) **Morrow**

D) **Wolfcamp**

E) **Bone Springs**

F) **Delaware**

G) **Any salt sections**

H) **Abo**

I) **Glorieta**

J) **Yates.**

K) **Potash---(In the R-111-P Area (Potash Mine Area),**

A solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts that are common to the section penetrated and in suitable proportions, not more than 3% calcium chloride (by weight of cement) will be considered the desired mixture whenever possible, woe 4 hours and tag, this plug will be SO' below the bottom and 50' above the top of the Formation.

21. If cement does not exist behind casing strings at recommended formation depths, the casing can be cut and pulled with plugs set at recommended depths. If casing is not pulled, perforations will be shot and cement squeezed behind casing, woe and tagged. These plugs will be set SO' below formation bottom to 50' above formation top inside the casing.

DRY HOLE MARKER REQ.UIRMENTS

The operator shall mark the exact location of the plugged and abandoned well with a steel marker not less than four inches in diameter, 3' below ground level with a plate of at least¼" welded to the top of the casing and the dry hole marker welded on the plate with the following information welded on the dry hole marker:

1. Operator name

2. Lease and Well Number

3. API Number

4. Unit letter

5. Quarter Section (feet from the North, South, East or West)

6. Section, Township and Range

7. Plugging Date

8. County

SPECIAL CASES -----AGRICULTURE OR PRARIE CHICKEN BREEDING AREAS

In these areas, a below ground marker is required with all pertinent information mentioned above on a plate, set 3' below ground level, a picture of the plate will be supplied to NMOCD for record, the exact location of the marker (longitude and latitude by GPS) will be provided to NMOCD (We typically require a current survey to verify the GPS)

SITE REMEDIATION DUE WITHIN ONE YEAR OF WELL PLUGGING COMPLETION

Recommended Procedure
Superior State No. 2
1980' FSL & 810' FWL
Sec 7, T15S, R25E
API No. 30-025-27237
AFE No. 4092

OBJECTIVE:	Plug and Abandon
WELL DATA:	
13-3/8" 54.5# J-55 ST&C casing:	Set at 406', cmt w/ 460 sx "C". TOC surface, circ 200 sx
8-5/8" 24# K-55, 28# S-80 LT&C casing:	Set at 4600', cmt w/ 1700 sx Hal Lite + 200 sx "C". TOC surface, circ 380 sx
5-1/2" 15.5#, 17# K-55 LT&C casing:	Set at 10,500', DV tool at 7908'. Cmt 1st stg w/ 470 sx Trinity Lite + 200 sx "H", circ 50 sx above DV tool. Cmt 2nd stg w/ 755 sx Trinity Lite + 100 sx "H". TOC 4240' FS per temp survey. Casing leak discovered 06/2011 at 2118'-2175'. Squeezed with 450 sx "C", circ 90 sx to surface via 5-1/2" x 8-5/8" annulus.
KB:	16'- KB 4061', GL 4045'
TD:	10,500'
PBTD:	10,384' (current, CIBP at 10,400' w/ cmt dump bailed on top)
Perforations:	10,406'-11' (2 jspf, 10h, abandoned), 10,350'-55' (2 jspf, 10h), 10,314'-24' (2 jspf, 20h), 10,122'-29' (2 jspf, 14h), 10,100'-04' (2 jspf, 8h), 10,087'-90' (2 jspf, 6h), 10,066'-68' (2 jspf, 4h)

1. Notify NMOCD of intent to rig up and begin P&A operations. Check with Addison Guelker/Jimmy Carlile to make sure we have necessary permits to begin work.

2. Receive pipe racks, catwalk, and 250 bbl steel half frac workover tank.

3. Receive and unload +/-10,200' 2-3/8" EUE 8rd N-80 work string. Clean threads and tally tubing.

4. Set rig mats and RUPU. POW laying down rods and pump, noting any corrosion and/or wear on rods. Send rods in for inspection and pump to pump shop.

5. Kill well if necessary with produced water. NDWH, release TAC, and NU 3k manual BOP with 2-3/8" pipe rams and blind rams. POW laying down production tubing. Note any external corrosion or pitting on OD of tubing. Backhaul tubing for inspection.

6. RUWL with packoff. RIW with 4.75" gauge ring (17# drift = 4.767"), junk basket, and CCL to 10,050'. Correlate CCL to Gray Wireline GR/CCL log dated 6/6/2011 (use DV tool at 7908' to help correlation). POW and LD tools.

7. RIW with 5-1/2" (17#) 10k CIBP on wireline and set CIBP at 10,020' (casing collars at 10,008' and 10,050'). POW and LD setting tool. RIW with dump bailer and dump bail 35' Class "H" cement on top of CIBP in 2 runs. POW and RDWL.

8. RIW with open-ended 2-3/8" x 4' perforated sub, 2-3/8" SN, and 2-3/8" work string and tag cement on top of CIBP. Notify NMOCD and FORL Midland office of tag depth. Proceed to next step only with NMOCD/FORL approval.

9. Pick up 5' and establish conventional circulation. Displace well up to 4600' (roughly 130 bbls) with 9.5 ppg mud-laden brine water (25 sx gel per 100 bbl water).

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10. POW laying down tubing to 9550'. Mix and spot 25 sx Class "H" (15.6 ppg, 1.18 ft3/sx- Wolfcamp plug) and displace cement to 9350' with 9.5 ppg mud-laden brine water.

11. POW laying down tubing to 8100'. Mix and spot 30 sx Class "H" (15.6 ppg, 1.18 ft3/sx- combined plug- Abo + DV tool) and displace cement to 7830' with 9.5 ppg mud-laden brine water. POW and WOC 4 hours.

12. RIW and tag TOC (deepest allowable tag is 7858', 50' above DV tool). Notify NMOCD and FORL Midland office of tag depth. Proceed to next step after NMOCD/FORL approval.

13. POW laying down tubing to 6100'. Mix and spot 25 sx Class "C" (14.8 ppg, 1.32 ft3/sx- Glorietta plug) and displace cement to 5850' with 9.5 ppg mud-laden brine water.

14. POW laying down tubing to 4650'. Mix and spot 25 sx Class "C" (14.8 ppg, 1.32 ft3/sx- San Andres + intermediate shoe plug) and displace cement to 4400' with 9.5 ppg mud-laden brine water. POW standing back 2000' tubing. WOC 4 hours.

15. RIW and tag TOC (deepest allowable tag 4550', 50' above 8-5/8" shoe). Notify NMOCD and FORL Midland office of tag depth. Proceed to next step only with NMOCD/FORL approval.

16. Pick up 5' and displace well to surface (roughly 105 bbls) with 9.5 ppg mud-laden brine water. POW laying down tubing to 3000'.

17. Mix and spot 25 sx Class "C" (14.8 ppg, 1.32 ft3/sx- Yates/base of salt plug) and displace to 2750' with 9.5 ppg mud-laden brine water.

18. POW laying down all but 460' tubing. Mix and pump Class "C" cement (14.8 ppg, 1.32 ft3/sx) until cement is visually verified in returns from 2-3/8" x 5-1/2" annulus (should be roughly 50 sx). POW and LD all tubing.

19. Top off 5-1/2" casing with Class "C" cement if necessary.

20. ND BOP, RDPU, and release all rental equipment.

21. Empty workover tank, cut off mast anchors, and clean location.

22. Cut off casing 3' below ground level. Weld plate onto casing with marker joint with the following information:

    Fasken Oil and Ranch, Ltd.

    Superior State No. 2

    1980' FSL & 810' FWL

    Section 7, T-15-S, R-25-E

    Lea County, New Mexico

23. Remediate location as per NMOCD requirements.

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as of 8/13/2020

Well:	**Superior State No. 2**
Operator:	**Fasken Oil and Ranch, Ltd.**
Location:	1980' FSL and 810' FWL
	Sec 7, T15S, R25E
	Lea County, NM
Comp:	9/24/1984
API #:	30-025-28826
TD:	10,500'
PBTD:	10,384' (current)

Casing:

13-3/8" 54.5# J-55 ST&C set @ 406'
cmt w/ 460 sx "C"
TOC surface, circ 200 sx
8-5/8" 24# K-55, 28# S-80 LT&C set @ 4600'
cmt w/ 1700 sx Hal Lite + 200 sx "C"
TOC surface, circ 380 sx
5-1/2" 15.5#, 17# K-55 LT&C set @ 10,500', DV tool @ 7908'
cmt 1st stg w/ 470 sx Trinity Lite + 200 sx "H", circ 50 sx above DV
cmt 2nd stg w/ 755 sx Trinity Lite + 100 sx "H"
TOC 4240' FS per temp survey

Hole Sizes:
17-1/2": surface - 406'
11": 406' - 4600'
7-7/8": 4600' - 10,500'

Perfs:
10,406'-11'
10,350'-55' , 2 JSPF , 10 holes
10,314'-24' , 2 JSPF , 20 holes
10,122'-29' , 2 JSPF , 14 holes
10,100'-04' , 2 JSPF , 8 holes
10,087'-90' , 2 JSPF , 6 holes
10,066'-68' , 2 JSPF , 4 holes

CIBP: 10,400', dump bailed 35' Class "H" on top

5-1/2" casing detail (bottom to top):

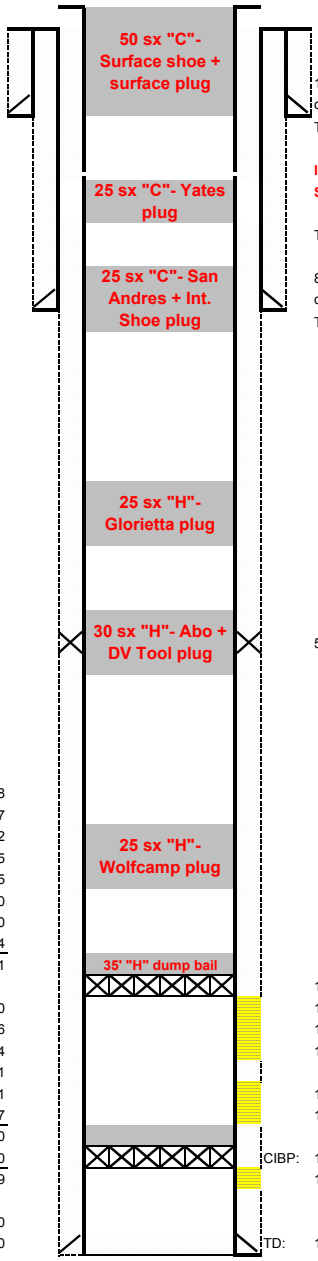
(1) 5-1/2" float shoe		1.68
(1) jt 5-1/2" 17# K-55 LT&C		43.17
(1) 5-1/2" float collar		1.42
(60) jts 5-1/2" 17# K-55 LT&C		2565.45
(1) 5-1/2" Howco DV tool		3.05
(1) jt 5-1/2" 17# K-55 LT&C		43.60
(187) jts 5-1/2" 15.5# K-55 LT&C		7785.20
(2) jts 5-1/2" 17# K-55 LT&C		86.54
	Total	10530.11

Tubing:

(3) jts 2-7/8" EUE 8rd J-55 MA w/ bull plugged bottom		94.40
(1) Cavins Desander w/ X-O's		19.26
(1) 2-3/8" X 2' N-80 Tubing Sub		2.24
(1) 5-1/2" x 2-3/8" EUE 8rd "B" type TAC w/ 35K shear (exchange)		2.71
(1) 2-3/8" EUE 8rd mechanical seating shoe		0.81
(315) jts 2-3/8" EUE 8rd N-80 tubing		9873.77
	Below KB	10.00
	Tbg Stretch	4.60
	Total	10007.79

Rods:

(1) 2" x 1.25"x 36' RHBM pump # AP-219 (Rebuilt pump)		36.00
(1) 1-1/2" x 25' Flexbar C sinker bar w/ 3/4" pins w/ SHSM couplings		25.00
(1) 3/4" x 26K shear tool (New)		0.74
(13) 1-1/2" x 25' Flexbar C sinker bars w/ 3/4" pins w/ SHSM couplings		325.00
(53) 3/4" x 25' N-90 rods w/FHSM couplings		1325.00
(69) 7/8" 25' N-90 rods w/ 7/8" pins and SHSM couplings		1750.00
(170) 1" X 37.50' Fibercom Fiberglass rods w/ 7/8' pins and SHSM couplings		6375.00
(1) 1" x 6' Fibercom fiberglass rod sub w/ 7/8" SHSM couplings		6.00
(1) 30' x 1-1/4" Polish rod w/ 18' x 1-1/2" Liner w/ 7/8" SHSM PR coupling		30.00
	Total	9872.74



GL: 4045'
KB: 4061'

13-3/8" 54.5# J-55 ST&C set @ 406'
cmt w/ 460 sx "C"
TOC surface, circ 200 sx

Isolated 5-1/2" csg lk @ 2118'-2175'. Perf sqz holes
Sqz lk w/ 450 sx cmt , TOC surface, circ 90 sx

TOC 4240' FS per temp survey

8-5/8" 24# K-55, 28# S-80 LT&C set @ 4600'
cmt w/ 1700 sx Hal Lite + 200 sx "C"
TOC surface, circ 380 sx

5-1/2" DV tool- 7908'

10,122'-29' , 2 JSPF , 14 holes
10,100'-04' , 2 JSPF , 8 holes
10,087'-90' , 2 JSPF , 6 holes
10,066'-68' , 2 JSPF , 4 holes

10,350'-55' , 2 JSPF , 10 holes
10,314'-24' , 2 JSPF , 20 holes

CIBP: 10,400', dump bailed 35' Class "H" on top
10,406'-11'

TD: 10,500'

5-1/2" 15.5#, 17# K-55 LT&C set @ 10,500', DV tool @
cmt 1st stg w/ 470 sx Trinity Lite + 200 sx "H", circ 50
cmt 2nd stg w/ 755 sx Trinity Lite + 100 sx "H"

s @ 2180'

@ 7908'
sx above DV

District I
1625 N. French Dr., Hobbs, NM 88240
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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 17574

CONDITIONS OF APPROVAL

Operator:	OGRID:	Action Number:	Action Type:
FASKEN OIL & RANCH LTD 6101 Holiday Hill Road Midland, TX79707	151416	17574	C-103F

OCD Reviewer	Condition
kfortner	None