

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. 30-025-28291
1. Type of Well: Oil Well <input checked="" 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 Fasken Oil and Ranch, Ltd.		6. State Oil & Gas Lease No.
3. Address of Operator 6101 Holiday Hill Road, Midland, TX 79707		7. Lease Name or Unit Agreement Name Superior State
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>		8. Well Number <u>1</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4040' GR		9. OGRID Number 151416
		10. Pool name or Wildcat Morton; Wolfcamp

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. 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 12-7-20

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 1/21/21
 Conditions of Approval (if any)

**Recommended Procedure
Superior State No. 1
1980' FSL & 1980' FWL
Section 7, T15S, R35E
Lea County, NM
AFE No. 4091**

OBJECTIVE:	Plug and Abandon
WELL DATA:	
13-3/8" 48# H-40 casing:	Set at 420', cmt w/ 420 sx, did not circulate. 1" 140 sx cmt to surface
8-5/8" 24, 28, 32# K-55 casing:	Set at 4576', cmt w/ 1800 sx Lite + 300 sx "C", circ 350 sx to surface
5-1/2" 15.5, 17# K-55, N-80, P-110 casing:	Set at 10,498', cmt w/ 1460 sx, TOC 5960' FS per CBL
4" 10.7# L-80 EZGO FlushJoint liner:	Top liner packer set at 5633', bottom liner packer set at 5917' (total 284' top to bottom). Ran liner 7/5/2019 to isolate casing leak (prior to shutting well in to isolate leak, 3000 BPD water flow up tubing/casing annulus)
KB:	16' above GL
TD:	10,500'
PBTD:	CIBP at 10,420'
Perforations:	10,352'-60', 10,363'-67'. Perfs below CIBP at 10,374'-10,379'-82', 10,388'-91', 10,401'-04', 10,408'-11', 10,413'-16'. Perfs below CIBP at 10,420'- 10,439'-43'
CIBP:	10,420', 10,374'
Tubing:	1 jt 2-7/8" J-55 EUE 8rd tbg, perforated sub, 2-1/4" seating shoe w/ SS collar, 2-1/4" TH nicarb pump barrel, 4' tbg sub, 5-1/2" Model B TAC, 168 jts 2-7/8" J-55 tbg (EOT at 5451.82' KB)

1. Be sure mast anchors have been tested and tagged in last 2 years.
2. Set rig mats, pipe racks, and cat walk. Set 250 bbl half frac tank and plumb wellhead to tank.
3. Take delivery of 10,400' of 2-3/8" EUE 8rd N-80 work string. Clean threads and tally tubing.
4. RUPU and bleed pressure off tubing. Unseat pump, POW laying down all rods and pump. Backhaul rods for inspection and send pump into pump shop.
5. Bleed pressure off casing and kill well if necessary with brine water.
6. NDWH, release TAC, and NU 3k manual BOP. POW laying down production tubing and backhaul for inspection.
7. RIW with TOSSD, 2-3/8" SN, and 2-3/8" work string to 5600'. RU pump truck on tubing, break circulation, and attempt to displace well from 5600' to surface with 10.0 ppg brine water. NU stripper head on top of BOP.
8. Engage TOSSD into top 5-1/2" AS-1X packer and release packer. Note any change in well and monitor for flow. Pick up on tubing and note string weight. Release bottom 5-1/2" AS-1X packer, POW standing back work string. LD packers and 4" flush joint liner.
9. RUWL and packoff. RIW with 4.75" gauge ring (5-1/2" 17# drift ID- 4.767"), junk basket, and CCL to 10,330'. POW and LD tools.

CLH

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10. RIW with 5-1/2" (17#) 10k CIBP on wireline and set CIBP at 10,310'. 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.
11. RIW with 4' x 2-3/8" 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.
12. Pick up 5' and establish conventional circulation. Displace well up to 4600' (roughly 131 bbls) with 9.5 ppg mud-laden brine water (25 sx gel per 100 bbls water). Monitor well for flow before pulling tubing. When pulling tubing, be sure to keep wellbore full of fluid.
13. POW to set EOT at 9500'. Mix and spot 25 sx Class "H" cement (15.6 ppg, 1.18 ft³/sx- Wolfcamp plug) and displace cement to 9300' with 9.5 ppg mud laden brine water.
14. POW to set EOT at 8000'. Mix and spot 25 sx Class "H" cement (15.6 ppg, 1.18 ft³/sx- Abo plug) and displace cement to 7800' with 9.5 ppg mud-laden brine water.
15. POW to set EOT at 6200' Mix and spot 25 sx Class "C" cement (14.8 ppg, 1.32 ft³/sx- Glorietta plug) and displace cement to 6000' with 9.5 ppg mud-laden brine water.
16. POW standing back 4500' tubing and laying down remainder. RIW with 4' x 2-3/8" perforated sub, 5-1/2" AS-1X packer, 2-3/8" SN, and tubing. Set packer at 4200'.
17. RUWL and packoff onto 2-3/8" tubing. RIW with 1-11/16" strip gun and perforate squeeze holes in 5-1/2" casing at 4630'. POW and LD strip gun.
18. With 5-1/2" x 8-5/8" annulus plumbed to tank, establish circulation out 5-1/2" x 8-5/8" annulus via 2-3/8" tubing. Mix and spot 30 sx Class "C" cement (14.8 ppg, 1.32 ft³/sx- San Andres + intermediate shoe plug) and displace cement to 4510' with 9.5 ppg mud-laden brine water. Release packer and POW standing back 1000' tubing. WOC 4 hours.
19. RIW and tag TOC. Report tag depth to NMOCD and FORL Midland office. Proceed to next step with NMOCD/FORL approval.
20. Pick up 5' above tag depth and displace well to surface with 9.5 ppg mud-laden brine water. POW laying down tubing to 2500' and set packer.
21. RUWL and packoff onto 2-3/8" tubing. RIW with 1-11/16" strip gun and perforate squeeze holes in 5-1/2" casing at 3000'. POW and LD strip gun.
22. Establish circulation out 5-1/2" x 8-5/8" annulus via 2-3/8" tubing. Mix and spot 30 sx Class "C" cement (14.8 ppg, 1.32 ft³/sx- Yates plug) and displace cement to 2880' with 9.5 ppg mud-laden brine water.
23. Release packer, POW, and set packer at 60' FS. RUWL and packoff onto 2-3/8" tubing. RIW with 1-11/16" strip gun and perforate squeeze holes in 5-1/2" casing at 470'. POW and RDWL.
24. Establish circulation out 5-1/2" x 8-5/8" annulus via 2-3/8" tubing. Pump Class "C" cement (14.8 ppg, 1.32 ft³/sx- surface plug) and continue mixing and pumping cement until cement returns visually verified from 5-1/2" x 8-5/8" annulus (should be roughly 125 sx). SD pump, let well equalize, and release packer.
25. POW and LD packer. Top off 5-1/2" casing with cement if necessary.
26. ND BOP, RDPU, and release all rental equipment.
27. Empty workover tank, cut off mast anchors, and clean location.
28. Cut off casing 3' below ground level. Weld plate onto casing with marker joint with the following information:

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Fasken Oil and Ranch, Ltd.

Superior State No. 1

1980' FSL & 1980' FWL

Section 7, T15S, R35E

Lea County, New Mexico

29. Remediate location as per NMOCD requirements.

CLH

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Well: **Superior State No. 1**
Operator: **Fasken Oil and Ranch, Ltd.**
Location: 1980' FSL and 1980' FWL
Sec 7, T15S, R35E
Lea County, NM
Compl.: 1/4/1984
API #: 30-025-28291
TD: 10,500'
PBTD: 10,374' CIBP

Casing: **13-3/8" 48# H-40 set @ 420'**
cmt w/ 420 sx "C", did not circ. 1" cmt 140 sx "H", circ to surface. TOC surface

8-5/8" 24, 28, 32# K-55 set @ 4576'
cmt w/ 1800 sx Lite + 300 sx "C", circ 350 sx. TOC surface

5-1/2" 15.5, 17# K-55, N-80, P-110 set @ 10,498'
cmt w/ 195 sx "H" + 790 sx "H" w/ N2, tail 475 sx "H"
TOC 5960' by temp survey

5-1/2" Csg Detail (Top to Bottom):

17# N-80 Buttrass	1059
15.5# K-55 LT&C	507
17# N-80 LT&C	8101
17# P-110 LT&C	779
Bakerline Float Collar	1.75
17# P-110 LT&C	36.5
Bakerline Float Shoe	1.73

Liner Detail: 5-1/2" AS-1X pkr set at 5917'
4-1/2" "J"-less TOSSD
4-1/2" x-o w/ 4" EZGO FJ4 box x 2-7/8" EUE pin
(7) jts 4" 10.7# L-80 EZGO FJ4 liner
4-1/2" x-o w/ 4" EZGO FJ4 pin x 2-7/8" EUE box
5-1/2" big-bore AS-1X pkr set at 5633'

Hole Sizes: 17-1/2": surface - 420'
11": 420' - 4576'
7-7/8": 4576' - 10,500'

Perfs: 10439'-443' (2 jspf) tested wet
10413'-16'
10408'-11'
10401'-04'
10388'-91'
10379'-82'
10363'-67"
10352'-60

CIBP: 10,420'
10,374'

Prod: 5 BOPD, 10-15 MCFD, 450-500 BWPD
Last Pull: 7/1/2019

Formation Tops

Yates 2962'

Queen 3805'

Grayburg 4255'

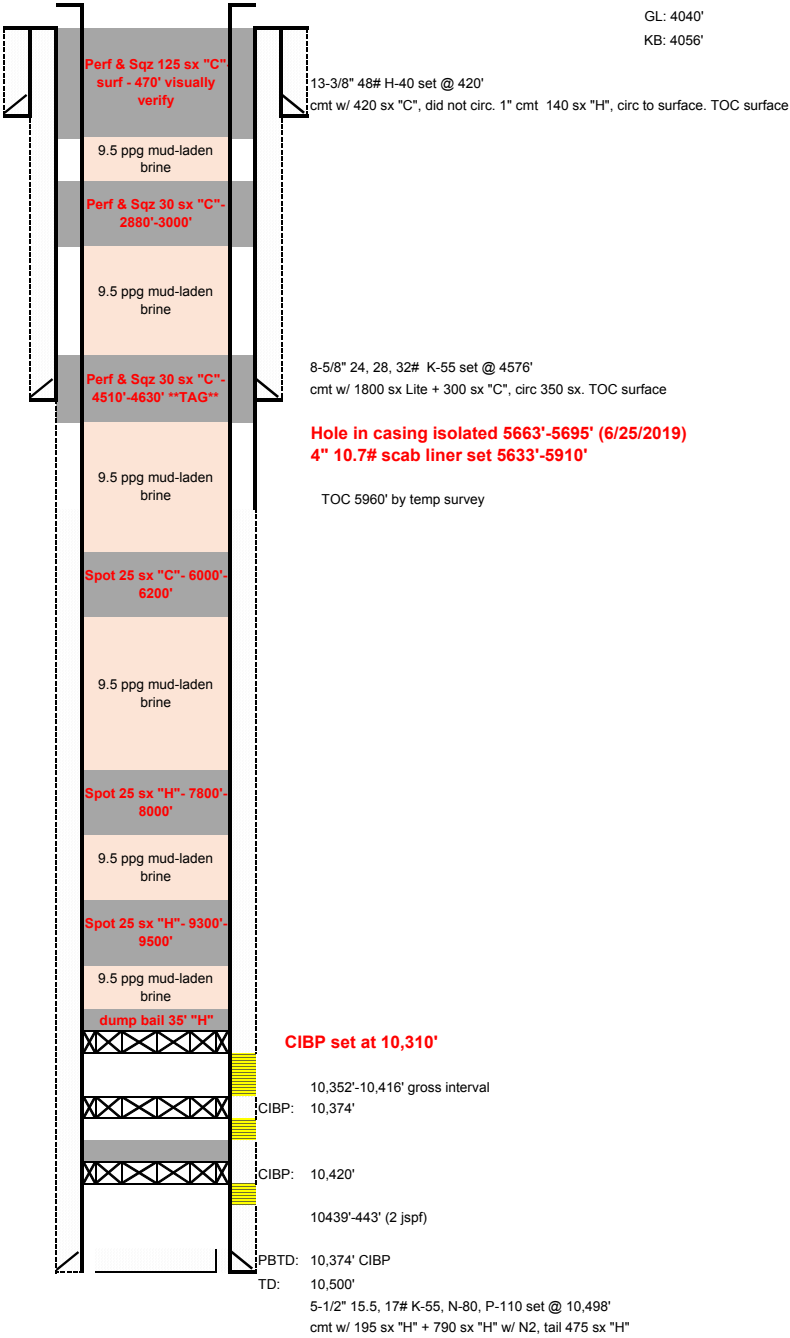
San Andres 4564'

Glorietta 6203'

Tubb 7313'

Abo 8090'

Wolfcamp 9572'



**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 least 1/4" 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. 1
1980' FSL & 1980' FWL
Section 7, T15S, R35E
Lea County, NM
AFE No. 4091**

OBJECTIVE:	Plug and Abandon
WELL DATA:	
13-3/8" 48# H-40 casing:	Set at 420', cmt w/ 420 sx, did not circulate. 1" 140 sx cmt to surface
8-5/8" 24, 28, 32# K-55 casing:	Set at 4576', cmt w/ 1800 sx Lite + 300 sx "C", circ 350 sx to surface
5-1/2" 15.5, 17# K-55, N-80, P-110 casing:	Set at 10,498', cmt w/ 1460 sx, TOC 5960' FS per CBL
4" 10.7# L-80 EZGO FlushJoint liner:	Top liner packer set at 5633', bottom liner packer set at 5917' (total 284' top to bottom). Ran liner 7/5/2019 to isolate casing leak (prior to shutting well in to isolate leak, 3000 BPD water flow up tubing/casing annulus)
KB:	16' above GL
TD:	10,500'
PBTD:	CIBP at 10,420'
Perforations:	10,352'-60', 10,363'-67'. Perfs below CIBP at 10,374'-10,379'-82', 10,388'-91', 10,401'-04', 10,408'-11', 10,413'-16'. Perfs below CIBP at 10,420'- 10,439'-43'
CIBP:	10,420', 10,374'
Tubing:	1 jt 2-7/8" J-55 EUE 8rd tbg, perforated sub, 2-1/4" seating shoe w/ SS collar, 2-1/4" TH nicarb pump barrel, 4' tbg sub, 5-1/2" Model B TAC, 168 jts 2-7/8" J-55 tbg (EOT at 5451.82' KB)

1. Be sure mast anchors have been tested and tagged in last 2 years.
2. Set rig mats, pipe racks, and cat walk. Set 250 bbl half frac tank and plumb wellhead to tank.
3. Take delivery of 10,400' of 2-3/8" EUE 8rd N-80 work string. Clean threads and tally tubing.
4. RUPU and bleed pressure off tubing. Unseat pump, POW laying down all rods and pump. Backhaul rods for inspection and send pump into pump shop.
5. Bleed pressure off casing and kill well if necessary with brine water.
6. NDWH, release TAC, and NU 3k manual BOP. POW laying down production tubing and backhaul for inspection.
7. RIW with TOSSD, 2-3/8" SN, and 2-3/8" work string to 5600'. RU pump truck on tubing, break circulation, and attempt to displace well from 5600' to surface with 10.0 ppg brine water. NU stripper head on top of BOP.
8. Engage TOSSD into top 5-1/2" AS-1X packer and release packer. Note any change in well and monitor for flow. Pick up on tubing and note string weight. Release bottom 5-1/2" AS-1X packer, POW standing back work string. LD packers and 4" flush joint liner.
9. RUWL and packoff. RIW with 4.75" gauge ring (5-1/2" 17# drift ID- 4.767"), junk basket, and CCL to 10,330'. POW and LD tools.

CLH

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10. RIW with 5-1/2" (17#) 10k CIBP on wireline and set CIBP at 10,310'. 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.
11. RIW with 4' x 2-3/8" 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.
12. Pick up 5' and establish conventional circulation. Displace well up to 4600' (roughly 131 bbls) with 9.5 ppg mud-laden brine water (25 sx gel per 100 bbls water). Monitor well for flow before pulling tubing. When pulling tubing, be sure to keep wellbore full of fluid.
13. POW to set EOT at 9500'. Mix and spot 25 sx Class "H" cement (15.6 ppg, 1.18 ft³/sx- Wolfcamp plug) and displace cement to 9300' with 9.5 ppg mud laden brine water.
14. POW to set EOT at 8000'. Mix and spot 25 sx Class "H" cement (15.6 ppg, 1.18 ft³/sx- Abo plug) and displace cement to 7800' with 9.5 ppg mud-laden brine water.
15. POW to set EOT at 6200' Mix and spot 25 sx Class "C" cement (14.8 ppg, 1.32 ft³/sx- Glorietta plug) and displace cement to 6000' with 9.5 ppg mud-laden brine water.
16. POW standing back 4500' tubing and laying down remainder. RIW with 4' x 2-3/8" perforated sub, 5-1/2" AS-1X packer, 2-3/8" SN, and tubing. Set packer at 4200'.
17. RUWL and packoff onto 2-3/8" tubing. RIW with 1-11/16" strip gun and perforate squeeze holes in 5-1/2" casing at 4630'. POW and LD strip gun.
18. With 5-1/2" x 8-5/8" annulus plumbed to tank, establish circulation out 5-1/2" x 8-5/8" annulus via 2-3/8" tubing. Mix and spot 30 sx Class "C" cement (14.8 ppg, 1.32 ft³/sx- San Andres + intermediate shoe plug) and displace cement to 4510' with 9.5 ppg mud-laden brine water. Release packer and POW standing back 1000' tubing. WOC 4 hours.
19. RIW and tag TOC. Report tag depth to NMOCD and FORL Midland office. Proceed to next step with NMOCD/FORL approval.
20. Pick up 5' above tag depth and displace well to surface with 9.5 ppg mud-laden brine water. POW laying down tubing to 2500' and set packer.
21. RUWL and packoff onto 2-3/8" tubing. RIW with 1-11/16" strip gun and perforate squeeze holes in 5-1/2" casing at 3000'. POW and LD strip gun.
22. Establish circulation out 5-1/2" x 8-5/8" annulus via 2-3/8" tubing. Mix and spot 30 sx Class "C" cement (14.8 ppg, 1.32 ft³/sx- Yates plug) and displace cement to 2880' with 9.5 ppg mud-laden brine water.
23. Release packer, POW, and set packer at 60' FS. RUWL and packoff onto 2-3/8" tubing. RIW with 1-11/16" strip gun and perforate squeeze holes in 5-1/2" casing at 470'. POW and RDWL.
24. Establish circulation out 5-1/2" x 8-5/8" annulus via 2-3/8" tubing. Pump Class "C" cement (14.8 ppg, 1.32 ft³/sx- surface plug) and continue mixing and pumping cement until cement returns visually verified from 5-1/2" x 8-5/8" annulus (should be roughly 125 sx). SD pump, let well equalize, and release packer.
25. POW and LD packer. Top off 5-1/2" casing with cement if necessary.
26. ND BOP, RDPU, and release all rental equipment.
27. Empty workover tank, cut off mast anchors, and clean location.
28. Cut off casing 3' below ground level. Weld plate onto casing with marker joint with the following information:

CLH

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Fasken Oil and Ranch, Ltd.

Superior State No. 1

1980' FSL & 1980' FWL

Section 7, T15S, R35E

Lea County, New Mexico

29. Remediate location as per NMOCD requirements.

CLH

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Well: **Superior State No. 1**
 Operator: **Fasken Oil and Ranch, Ltd.**
 Location: 1980' FSL and 1980' FWL
 Sec 7, T15S, R35E
 Lea County, NM
 Compl.: 1/4/1984
 API #: 30-025-28291
 TD: 10,500'
 PBTD: 10,374' CIBP

Casing: **13-3/8" 48# H-40 set @ 420'**
 cmt w/ 420 sx "C", did not circ. 1" cmt 140 sx "H", circ to surface. TOC surface

8-5/8" 24, 28, 32# K-55 set @ 4576'
 cmt w/ 1800 sx Lite + 300 sx "C", circ 350 sx. TOC surface

5-1/2" 15.5, 17# K-55, N-80, P-110 set @ 10,498'
 cmt w/ 195 sx "H" + 790 sx "H" w/ N2, tail 475 sx "H"
 TOC 5960' by temp survey

5-1/2" Csg Detail (Top to Bottom):

17# N-80 Buttrass	1059
15.5# K-55 LT&C	507
17# N-80 LT&C	8101
17# P-110 LT&C	779
Bakerline Float Collar	1.75
17# P-110 LT&C	36.5
Bakerline Float Shoe	1.73

Liner Detail: 5-1/2" AS-1X pkr set at 5917'
 4-1/2" "J"-less TOSSD
 4-1/2" x-o w/ 4" EZGO FJ4 box x 2-7/8" EUE pin
 (7) jts 4" 10.7# L-80 EZGO FJ4 liner
 4-1/2" x-o w/ 4" EZGO FJ4 pin x 2-7/8" EUE box
 5-1/2" big-bore AS-1X pkr set at 5633'

Hole Sizes: 17-1/2": surface - 420'
 11": 420' - 4576'
 7-7/8": 4576' - 10,500'

Perfs: 10439'-443' (2 jspf) tested wet
 10413'-16'
 10408'-11'
 10401'-04'
 10388'-91'
 10379'-82'
 10363'-67'
 10352'-60'

CIBP: 10,420'
 10,374'

Prod: 5 BOPD, 10-15 MCFD, 450-500 BWPD
 Last Pull: 7/1/2019

Formation Tops

Yates 2962'

Queen 3805'

Grayburg 4255'

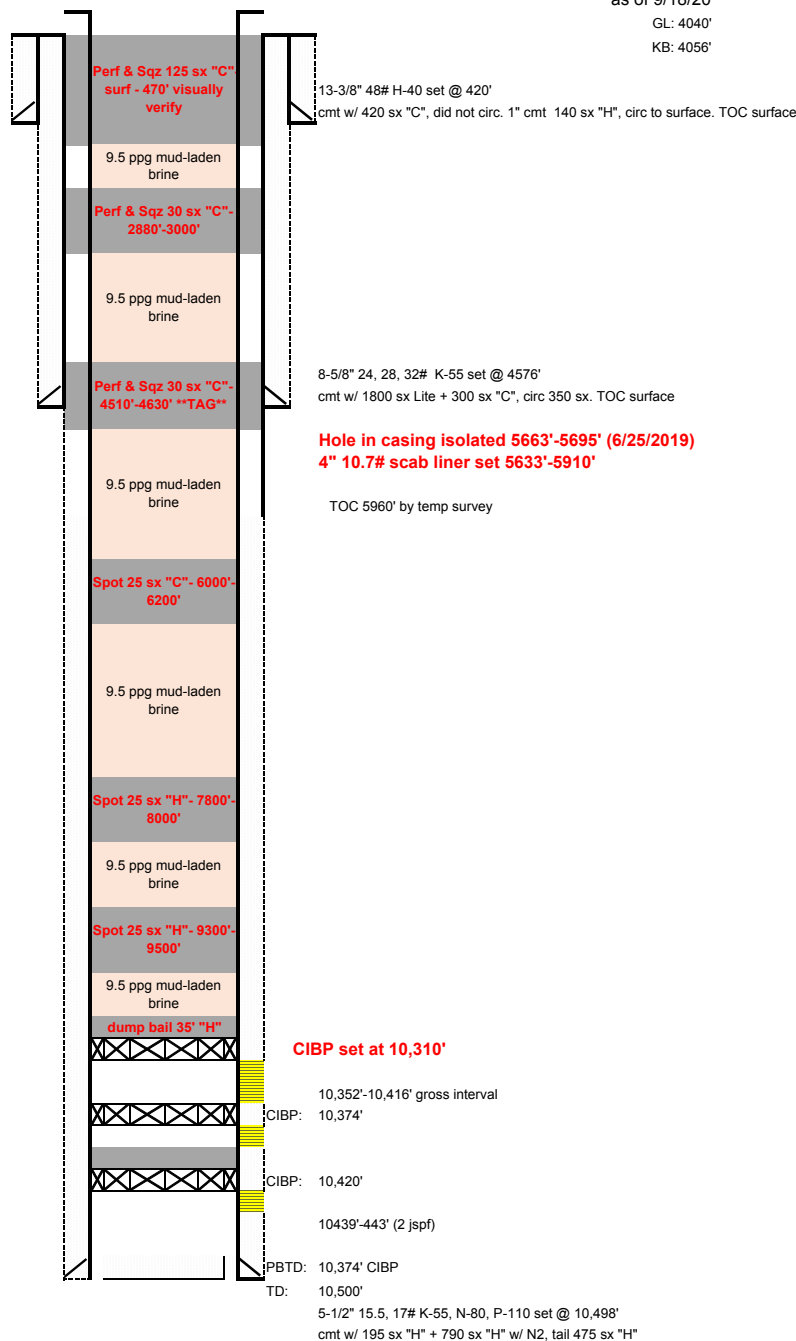
San Andres 4564'

Glorietta 6203'

Tubb 7313'

Abo 8090'

Wolfcamp 9572'



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 11621

CONDITIONS OF APPROVAL

Operator: FASKEN OIL & RANCH LTD Road Midland, TX79707	6101 Holiday Hill	OGRID: 151416	Action Number: 11621	Action Type: C-103F
OCD Reviewer jagarcia	Condition None			