Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
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
May 27, 2004

WELL API NO. 30-025-27552
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: Lottie York
1. Type of Well: Oil Well ☒ Gas Well ☐ Other
8. Well Number: 1
2. Name of Operator: Fasken Oil and Ranch, Ltd.
9. OGRID Number: 151416
3. Address of Operator: 303 West Wall, Suite 1800 Midland, TX 79701
10. Pool name or Wildcat: Humble City Strawn Southwest
4. Well Location
Unit Letter P : 990 feet from the south line and 660 feet from the east line
Section 14 Township 17S Range 37E NMPM County Lea
11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*

Pit or Below-grade Tank Application ☒ or Closure ☐
Pit type P&A **Depth to Groundwater** 55' **Distance from nearest fresh water well** 2000' **Distance from nearest surface water** 1 mile
Pit Liner Thickness: 12 **mil** **Below-Grade Tank: Volume** _____ **bbls; Construction Material**

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	☐		
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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Fasken Oil and Ranch, Ltd. proposes to plug and abandon the subject wellbore. Please see the attached procedure for details. Pit will be used to circulate excess cement during plugging operations.

This is a revised procedure discussed and approved with Gary Wink on 2/7/07.

THE OIL CONSERVATION DIVISION MUST BE NOTIFIED 24 HOURS PRIOR TO THE BEGINNING OF PLUGGING OPERATIONS.

Received FEB 2007 Hobbs OCD

I hereby certify that the information above is true and complete to the best of my knowledge and belief. **I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒ a general permit ☐ or an (attached) alternative OCD-approved plan ☐.**

SIGNATURE Jimmy D. Carlile TITLE Regulatory Affairs Coor DATE 2/8/07

Type or print name Jimmy D. Carlile E-mail address: Telephone No.

For State Use Only

APPROVED BY: Gary Wink TITLE FIELD REPRESENTATIVE II/STAFF DATE FEB 1 2007

Conditions of Approval (if any):

Lottie York No. 1

Fasken Oil and Ranch, Ltd.

Location:	990' FSL, 660' FEL
	Sec 14, T17S, R37E
	Lea County, New Mexico
Compl.:	Released 12/14/1981
API #:	30-025-27552
IP:	
TD:	12,107'
PBTD:	11856' (CIBP@11891' w/35' cmt)
Casing:	13-3/8",48#, H-40 @ 460'
	Cmt 475sx "C" w/2%CaCl2
	TOC surf, circ 4 bbls cmt
	9-5/8", 40# N-80 @ 4798'
	Cmt 1500sx HowcoLite+300sx"C"
	TOC surf, circ 45 bbls cmt
	5-1/2" 17# N-80@ 12,107'
	Cmt 1150sx 50:50 "H" w/2% gel
	TOC 8135' by CBL

Proposed

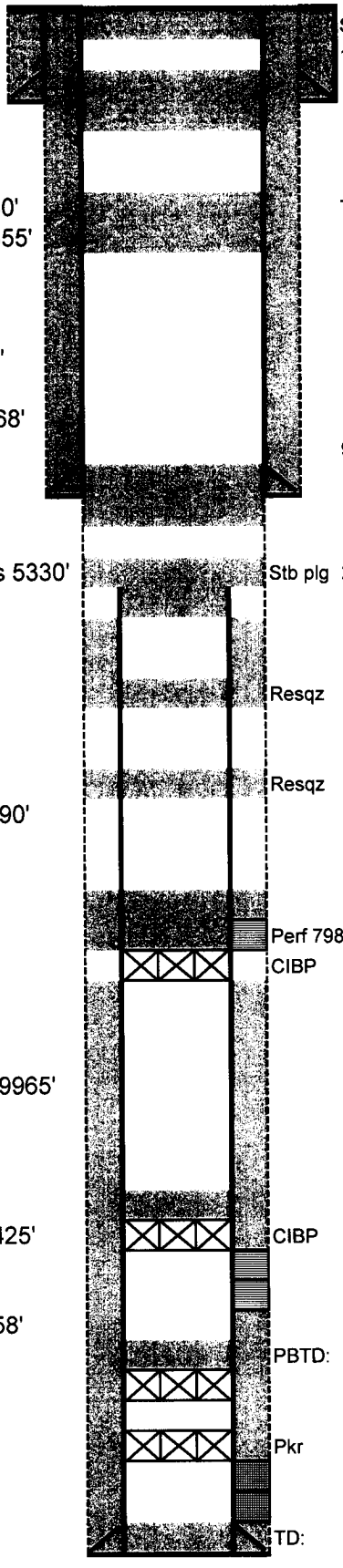
Surface	Surf plg 20sx 60'-surf
Shoe plg	13-3/8" Shoe plg 35 sx 410'-510'
T/Salt	T/Salt plg 35sx 2350'-2250'
Shoe plg	9-5/8" Shoe plg 40 sx 4740'-4748'
Stb plg	25sx 5250'-5350' (cal 10")
Cutoff	5-1/2" csg @ 5300'
Resqz	Csg lk 5590'-5621'
Resqz	Csg lk 6523'-54'
CIBP	8000'
	Perf 7980', sqz 50sx, and tag
CIBP	11350' w/35' cmt

Perfs:

Strawn
11430'-462' (64h Jan '82, reperf 64h Aug '99)
11470'-502' (38h Aug '99)
Mississippian
12024'-28'
12036'-44'

CIBP 11891' w/35' cmt

Pkr 11,990' WB perm pkr w/blkng plug



Proposed P&A

Surf plg 20sx 60'-surf
13-3/8" Shoe plg 35 sx 410'-510'
13-3/8",48#, H-40 @ 460'
TOC surf, circ 45 bbls cmt

T/Salt plg 35sx 2350'-2250'

9-5/8" Shoe plg 40 sx 4740'-4748'
9-5/8", 40# N-80 @ 4798'
TOC surf, circ 45 bbls cmt

Stb plg 25sx 5250'-5350' (cal 10")

Csg leak repair August 1999
leak 5590'-5621'
Resqz Szq 125 sx Lite + 200 sx "C" w/2% CaCl2
Had circ to surface; 40% returns on flush

Resqz Csg lk Mar'04 @ 6523'-54', Sqz150sx"C"
w/3#slt,hesitation sqz w/max 1480 psi

Perf 7980', sqz 50sx, and tag
CIBP 8000'
TOC 8135' by CBL

CIBP 11350' w/35' cmt
11430'-462'
11470'-502'

PBTD: 11856' (CIBP@11891' w/35' cmt)

Pkr 11,990'
12024'-28'
12036'-44'

TD: 12,107'
5-1/2" 17# N-80@ 12,107'

cwb
2/8/2007
York1 wb diagram.xls

Plug and Abandon Procedure
Lottie York No. 1
A.F.E. 1242

Objective: Plug and Abandon

Location: 990' FSL & 660' FEL, Sec. 14, T17-S, R37-E, Lea County, NM
KB: 16' above GL
TD: 12,107'
PBTD: 11,350' (CIBP 2-2-07);11,856'orig
Casing 13-3/8" 48# H-40 @ 460' Circ
9-5/8" 40#/ft, N-80 @ 4798' Circ.
5-1/2" 17# N-80 @ 12,107', TOC @ 8134' per CBL.
Csg Lks: 5590'-5621' (Aug '99) Sqz'd w/ 325 sx w/ 40% returns from annulus.
6523'-54' (March '04), Sqz 150sx "C" w/3% salt, hesitation sqz to max 1480 psi.
MIT Test 2-2-07 failed with CIBP at 11350'.
Perfs: Strawn (Active) 11,430'-62', 11,470'-502', 2 JSPF
CIBP 11891' w/35' cmt, PBTD 11856'
Miss (Inactive) 12,054'-44', WB Packer w/ blanking plug @ 11,990'

Tubing: 361-joints 2-7/8" EUE 8rd N-80 open ended at +/-11320'

1. A decision will be made if going to use steel pit or get permit to dig and line working pit. **DO NOT DIG WORKOVER PIT WITHOUT PERMISSION FROM MIDLAND OFFICE AND PERMIT FILED.** If a steel pit is used make sure to have plenty of sugar on hand to put in cement to keep from setting up in pit. Should have at least 30 pounds on location.
2. Need to locate +/-140 5-1/2" pin end thread protectors for casing.
3. Notify OCD 72 hours prior to starting work of intent to proceed with plugging job.
4. Set rig mats and 2 sets pipe racks.
5. RUPU and plugging equipment, dig earth work pit, line and fence.
6. RU pump truck and spot 82 bbls 9.5 ppg salt mud with 12.5 lbs of gel per barrel 11320'-7800'. This places mud above the next plug depth of 8000' (CIBP) per NMOCD.
7. NDWH. Install BOP.
8. POW with 2-7/8" EUE 8rd N-80 tbg laying down +/-3300'.
9. RU wireline company. Dump 35' of Class "H" cement on CIBP at 11350' for PBTD of 11315'. Run and set 5-1/2" 17# 10k CIBP at 8000'.
10. RIW w/12 joints (about 375') 2-7/8" EUE 8rd N-80 tubing tailpipe, SN, 5-1/2" HD packer, 2-7/8" EUE 8rd N-80 tubing, set packer at 5700' (below old csg lk 5590'-5621'). Pressure below tubing to 500 psi (expect same leakoff as on MIT test 2-2-07). Pressure test annulus to 500 psi. If casing leak 5590'-5621' tests good petition NMOCD to forego 5590'-5621' squeeze.
11. Release packer, RIW and set packer at 6600' (below old csg lk 6523'-54', with EOT +/-6975'). Pressure test tubing and CIBP to 500 psi. Pressure test annulus to 500 psi (expect same leakoff as on MIT test 2-2-07).
12. If CIBP tests ok perforate 4 squeeze holes in 5-1/2" casing at 7980' with 2-1/8" thru-tubing gun. RD wireline. Establish injection rate and pressure into squeeze holes.
13. RU cement pump truck. Mix and pump 30sx Class "C" cement. Displace cement to 7800' (leaving 180' above squeeze holes; approximately 18sx in casing and 12sx out). NMOCD requires minimum 25sx or 100 feet whichever is greater). Release packer, reverse circulate with 10 bbls water.
14. WOC 2-3 hours. Tag cement at +/- 7800'.

15. RU pump truck and spot 65 bbls 9.5 ppg salt mud with 12.5 lbs of gel per barrel 7800'-5000'.
16. POW laying down +/-425' of tubing. Set packer at +/-6175' (EOT +/-6550'; csg leak 6523'-54'). Pressure test annulus to 500 psi. Pressure test below packer to 500 psi. Establish injection rate and pressure.
17. RU cement pump truck. Mix and pump 25 sx Class "C" cement. Displace cement to 6300' (assuming 25 sx inside casing and 0 sx out). Release packer, POW with 6 stands, pump 5 bbls water through tubing, reverse circulate with 10 bbls water.
18. If csg leak 5591'-5621' tests good NMOCD may allow this plug to be eliminated; otherwise POW laying down +/-950' of tubing. Set packer at +/-5225' (EOT +/-5600'; csg leak 5590'-5621'). Pressure test annulus to 500 psi. Pressure test below packer to 500 psi. Establish injection rate and pressure.
19. RU cement pump truck. Mix and pump 25 sx Class "C" cement. Displace cement to 5350' (assuming 25 sx inside casing and 0sx out). Release packer, POW with 6 stands, reverse circulate with 10 bbls water.
20. POW with tubing, packer and tailpipe.
21. ND BOP and ND "B" section on wellhead. Remove packing and plates on 5-1/2" casing.
22. Weld 5-1/2" lift sub on top of 5-1/2" casing stub. Make sure to strap casing on at least 3 sides.
23. Pick up on casing to remove slips. (If unable to get casing out of slips get casing jacks.)
24. Work casing and attempt to get movement in casing.
25. Obtain casing stretch measurement. .
26. If pipe has enough movement, RUWL and RIW with jet cutter. Jet cut 5-1/2" casing at +/- 5000'. If needed use wireline to run free point. Cut casing where it has at least 70-80% free pipe movement.
27. Attempt to work pipe free and if needed pump fresh water down 5-1/2" casing.
28. Notify Midland office with results.
29. If able to work casing free install BOP with 5-1/2" pipe rams and blind rams.
30. POW and LD casing while installing pin end thread protectors on casing. Strap casing on racks.
31. NU "B" section of wellhead and install 7-1/16" BOP with 2-7/8" pipe rams and blind rams.
32. RIW 2-7/8" mule shoe sub and enough 2-7/8" tubing to go 50' into top of 5-1/2" casing stub +/-5000'?.
33. RU cement pump truck. Mix and pump 30 sx Class "C" cement. Displace cement to EOT and POW with tubing.
34. SD 2-3 hours to WOC.
35. RIW and tag top of cement and make sure cement top is at least 50' above top of 5-1/2" casing stub inside of open hole.
36. After approval is given RU pump truck and circulate well with 9.5 ppg salt mud with 12.5 lbs of gel per barrel.
37. POW with tubing to put EOT at 4850' FS (50' below 9-5/8" shoe, caliper 11.5").
38. RU pump truck and mix and spot 65 sx Class "C" cement from 4850' to +/-4700' FS.
39. POW with EOT at 4000' FS.
40. SD 2-3 hours to WOC.
41. RIW and tag top of cement and make sure cement top is at least 4748' (50' above the 9-5/8" shoe).
42. POW laying down tubing with EOT at 2350'.
43. RU pump truck, mix and spot 35 sx Class "C" cement from +/- 2350' to 2250' for "Top of Salt plug".
44. POW laying down tubing with EOT at 510'.
45. RU pump truck, mix and spot 35 sx Class "C" cement from +/- 510' to 410' for 13-3/8" shoe plug.

46. SD 2-3 hours to WOC.
47. RIW and tag top of cement and make sure cement top is at least 410' (50' above the 13-3/8" shoe).
48. POW and LD all but 2 joints tubing.
49. ND BOP and ND "B" section of wellhead.
50. RIW with two joints tubing into well and fill up casing with class "C" cement.
51. RDPU and clean location. Empty pit and cut off rig anchors. Release all rental equipment.
52. Cut off casing below all wellheads.
53. Weld plate onto casing with marker joint with the following information. Fasken Oil & Ranch Ltd., Lottie York No. 1, Section 14, T17S, R37E, 990' FSL and 660' FEL, Unit P.
54. Midland office will file for pit closure permit. After permit for pit closure is received close pit as per OCD requirements.
55. Clean location and remediate per OCD requirements.

CWB
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