

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

HOBBS OGD

AUG 17 2011

RECEIVED

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. 30-025-28826
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. LG - 6690
3. Address of Operator 303 W. Wall, Suite 1800, Midland, TX 79701		7. Lease Name or Unit Agreement Name Superior State
4. Well Location Unit Letter <u>L</u> : <u>1980'</u> feet from the <u>South</u> line and <u>810'</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>2</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc) 4061' KB		9. OGRID Number 151416
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>		10. Pool name or Wildcat Morton, Wolfcamp
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____		
Pit Liner Thickness: _____ 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:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☒ *Changed*
Add Perfs in the same zone

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.

6-1-11 - 7-9-2011

Notified Mark Whitaker with NMOCD district office at 8:00 a.m. of intent to rig up and start work over. Tested 5-1/2" casing w/ 5 bbls to 1500 psi for 15" with 400 psi pressure loss in 2" and 1000 psi in 5". Bled gas from casing and tried 2 more times using 1 5 bw each time to load and isolated the pump 1 time with the same results. Tested 5-1/2" x 8-5/8" casing annulus w/ 3 bw to 1000 psi for 15" w/ no pressure loss. Tagged PBTD @ 10,289'. Tested CIBP to 1150 psi for 15" w/ no pressure loss. Set RBP @ 10,251' and tested RBP to 1500 psi for 15" w/ no pressure loss. Found casing leak between 2116' to 2242'. Released RBP and reset at 4457'. Tested RBP to 1000 psi w/ no pressure loss. Isolated casing leak @ 2118' to 2163' and 2163' to 2175'. Appears to have 2 separate single casing leaks due to how tested. Released RBP. Tagged TOC and drilled out cement and CIBP @ 10,289'. Clean out to PBTD @ 10,456'. set 5-1/2" CIBP @ 10,400' and dumped 35' of Class "H" cement on top. Set packer @ 10,300' w/ 16 pts compression and pressure tested tubing, 100' of 5-1/2" casing and CIBP to 2,000 psi for 15" with no pressure loss. Please see attachment for additional information.

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 Kim Tyson TITLE Regulatory Analyst DATE 8-17-2011

Type or print name Kim Tyson

E-mail address: kmt@forl.com

Telephone No. (432) 687-1777

For State Use Only

APPROVED BY: [Signature] TITLE PETROLEUM ENGINEER DATE AUG 18 2011

Conditions of Approval (if any).

AUG 18 2011

Fasken Oil and Ranch, Ltd.
Superior State #2
Add Perfs in the Same Zone
Sundry Notice Attachment

6-1-11 – 7-9-11

Perforated Lower Wolfcamp at 10,350'-55', and 10,314'-24', 2 JSPF, all shots 60 degree phased, 0.40"EH, 30 total holes. Acidize perfs from 10,314' – 10,355' w/ 1000 gals 15% HCL & NEFE acid & 2000 gals 15% DI NEFE acid & 60 1.3 sg ball sealers. Set CIBP @ 10,296' w/ 20' sand on top with a new PBTD at 10,276'. Perf 2 squeeze holes at 2180' and set packer at 2235'. Tested CIBP to 2000 psi for 15" with no pressure loss. Reset packer at 2048'. Tested backside to 1000 psi for 15" w/ no pressure loss. Tested 8-5/8" to 500 psi for 15" with no pressure loss. Set CICR at 2045' and tested tubing to 1000 psi w/ no pressure loss in 5". Loaded tubing/casing annulus and tested to 500 psi w/ no loss. Pumped 200 sx Premium Plus 65/35/6 w/ 2# salt (s.w. 12.7 ppg; yield 1.88 ft³/sk) lead slurry and 250 sx Premium Plus cement w/ 2% CaCl₂, (s.w. 14.8 ppg; yield 1.32 ft³/sk) tail cement. Tagged cement @ 2036'. SDON to WOC. drilled 15' of cement and cement retainer at 2045'. Drilled out of cement at 2220' and continued down to 2375' with no obstructions. Circulated well clean and tested casing to 500 psi for 15" with no pressure loss. perforated Three Fingers Limestone as follows: 10,066'-68' 2 JSPF (4 holes), 10,087'-90' 2 JSPF (6 holes), 10,100'-04' 2 JSPF (8 holes) and 10,122'-29' 2 JSPF (14 holes). All shots 60 degree phased, 0.40"EH, 32 total holes. Acidize perfs from 10,100' – 10,090' w/ 500 gals double inhibited 15% NEFE acid. Acidize perfs from 10,066' – 10,129' w/ 3000 gallons of 15% NEFE acid & 60-1.3 sg ball sealers. Frac. perfs from 10,066' – 10,129' w/ 132,823 gals crosslink fluid & acid; 63,383 lbs of sand. RIW w/ 317 jts 2-3/8" EUE 8rd N-80 tubing @ 10,054'. RIW w/ pump and rods. Cleaned location and RDPU. Set pumping unit.

Superior State No. 2

as of 11-3-10

GL: 4045'

KB: 4061'

Operator: **Fasken Oil and Ranch, Ltd.**

Location: 1980' FSL and 810' FWL

Sec 7, T15S, R25E

Lea County, NM

Compl: 9/24/1984

API #: 30-025-28826

TD: 10,500'

PBTD: 10,456'

Casing: 13-3/8" 54.5# J-55 ST&C @ 406'

w/460 sks "C"

TOC surf

8-5/8" 24&28# K-55, S-80 LT&C @ 4600'

w/1900sx (1700 light, 200 "C")

TOC surf

5-1/2" 15 5&17#/ft K-55 @ 10,500'

DV @ 7908'

w/ 1525 sx (1225 light, 300 "H")

TOC 4240' by Temp

Csq Detail Top to Bottom.

80% Burst

56' 17# K-55 @ Surface

4256

7785' 15 5# K-55 @ 56'

3848

2659' 17# K-55 @ 7841'

4256

Hole Sizes: 17-1/2" 406'

11" 4398'

7-7/8" 10,500'

Perfs: 10,406'-11'

IP 350 BOPD + 369 MCFPD + 15 BWPD (9/1984)

FLW 18/64", FTP 525 psi

Proposed CIBP: 10,400' w/ 20" "H"

Proposed CIBP/RBP: 10,300'

13-3/8" 54.5# J-55 ST&C @ 406'

w/460 sks "C"

TOC surf

TOC 4240' by Temp

8-5/8" 24&28# K-55, S-80 LT&C @ 4600'

w/1900sx (1700 light, 200 "C")

TOC surf

DV @ 7908'

3-1/2" 9.3# N-80 Frac String to 10,000'

THREE FINGERS LIMESTONE

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/RBP @ 10,300'

LOWER WOLFCAMP

10,350'-55', 2 JSPF, 10 holes

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

CIBP: 10,400' w/ 20" "H"

10,406'-11'

PBTD 10,456'

TD: 10,500'

5-1/2" 15.5&17#/ft K-55 @ 10,500'

w/ 1525 sx (1225 light, 300 "H")

TOC 4240' by Temp

Prod: TA Nov. 2000

Last Pulling Report: 11/27/2000

cwb

8-22-03

SuperiorStateNo2_WBD.xls