

N.M. Oil Cons. DIV-Dist. 2
1301 W. Grand Avenue

Form 3160-5
(June 1990)

UNITED STATES **Artesia, NM 88210**
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

RECEIVED

SEP 01 2004

DOB-ARTESIA

5. Lease Designation and Serial No.

NM 3606

6. If Indian, Allottee or Tribe Name

7. If Unit or C.A. Agreement Designation

8. Well Name and No.

Lake Shore "10" Federal No. 5

9. API Well No.

30-015-33234

10. Field and Pool, or Exploratory Area
Catclaw Draw Delaware, East

11. County or Parish, State
Eddy, NM

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

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

3. Address and Telephone No.
303 W. Wall, Suite 1800, Midland, TX 79701 (432) 687-1777

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1500' FNL, 1980' FEL Section 10, T21S, R26E

12. **CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☒ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other _____
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Fasken Oil and Ranch, Ltd. is proposing to recomplete the Lake Shore "10" Federal No. 5 from the Avalon; Upper Penn (Gas) pool to the Catclaw Draw Delaware, East oil pool. Please see the attached procedure for details of this work. Also be advised this application will require an Non-Standard Location (NSL) exception from the New Mexico Oil Conservation Division (NMOCD). An NSL application is being prepared and should be filed with the NMOCD Santa Fe Office in the next two weeks.

14. I hereby certify that the foregoing is true and correct

Signature Alexis C. Swoboda

Title Regulatory Affairs Coordinator

Date 8/25/2004

(This space for Federal or State office use)

(ORIG. SGD.) ALEXIS C. SWOBODA

Title PETROLEUM ENGINEER

Date AUG 27 2004

Approved by _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

Recommended Procedure
Lake Shore "10" Federal SC No. 5
1500' FNL & 1980' FEL
Sec 10, T21S R26E
AFE No. 868

| | |
|---|---|
| OBJECTIVE: | Recomplete to the Cherry Canyon Delaware |
| WELL DATA: | |
| API Number: | 30-015-33234 |
| 13-3/8" 48#/ft H-40 ST&C casing: | Set at 414.06' KB Cmt w/390 sx Premium Plus "C" + 1" w/100sx "C" w/2% CaCl2 and 86 sx "C" w/2% CaCl2. Circ to surface. |
| 9-5/8" 36#/ft J-55 ST&C casing: | Set at 1909.50' KB, Cmt w/200 sx Thixotropic cmt + 500 sx Premium Plus w/4% gel+200 sx Premium Plus w/2% CaCl2, 1" w/230 sx Premium Plus w/2% CaCl2. Circ to surface. |
| 5-1/2" 17&20#/ft L-80 LT&C csg (20# 9714.96' to TD): | Set at 11,073.63 KB, DV @ 4488.47' KB, Cmt 1st stage 800 sx Halliburton Super "H" did not circ through DV, Cmt 2 nd stage 750 sx Halliburton Super "C"+200 sx Class "C" neat. TOC 1470' by CBL. Marker 20# jt 14.00' @ 10,823.07'-10,837.07'. Marker 20# jt 29.20' @ 9,714.96'-9,744.16'. Marker 17# jt 7.75' @ 9,196.01-9,203.76'. Marker 17# jt 18.90' @ 2,182.60-2,201.50'. Perfs: 9314', 17', 24', 26', 28', 9280', 83', 93', 94', 99', 9309' CIBP @10900' w/35' Class "H" cmt PBDT 10865' 10,938' - 10,948' TCP 40 holes 60 deg phased Packer: 1- 5-1/2" x 2-3/8" Arrowset 10K packer w/TOSSD w/1.875 "F" PN (7.26') @ 9142' Tubing: 281- jts 2-3/8" EUE 8rd N-80 tbg (9124.65') EOT: 9149.58' TD: 11,075' PBDT: 10,865' (CIBP @ 10900' w/35' cmt) |

1. RUPU. Set test tank, separator and flare line.
2. Receive 2250' of 2-7/8" EUE 8rd 6.5#/ft J-55 tubing and 2-7/8" tree.
3. Kill well with 35 bbls (2-3/8" tbg. capacity) 3% KCL water containing packer fluid.
4. ND wellhead and NU BOP configured with blind rams and 2-3/8" pipe rams.
5. Release packer at 9142', POW laying down 281 jts 2-3/8" EUE 8rd N-80 tbg (9124.65') and packer. Install pin end thread protectors before laying down tbg.
6. RU wireline lubricator. RIW w/ CIBP (5-1/2" 17#/ft casing) and set at 9285' +/- (within 50' of top of top Cisco perf @ 9314'). Dump 35' Class "H" cement on CIBP with dump bailer for PBDT 9250' +/-.
7. Change out 2-3/8" pipe rams with 2-7/8" pipe rams. PU and RIW with 2-7/8" SN and +/- 2550' 2-7/8" EUE 8rd 6.5#/ft J-55 tubing.
8. Displace well w/ 55 bbls of 10 ppg brine. (Note: Drilling rig took a kick while drilling through Delaware on 8.4 ppg FW mud and had to mud up to 9.3 ppg).

9. POW and fill csg. w/ brine.
10. RU 2000 psi wireline lubricator. Perforate Delaware with 4" casing gun, 1 JS per 2 ft., 60 or 120 degree phased at 2492'-2512' (11 holes, max core perm 145 md) and 2342'-2364' (12 holes, max core perm 123 md) by Schlumberger Three Detector Litho-Density Compensated Neutron/GR log dated 12-Mar-2004. Trickle 10 ppg brine in well while POW w/ wireline and RD.
11. RIW w/ redressed 5-1/2" x 2-3/8" Arrowset 1 packer, 2-7/8" SN, and tbg. Keep annulus full while RIW. Set packer in 10,000# tension. Remove BOP and install christmas tree.
12. Swab and flow well to test tank and evaluate.
13. If results from swab & flow test are not satisfactory, the following recommended acid ball job will be pumped.
Pump 230 gallons 7-1/2% NEFE HCL containing 5 gpt Ferrotrol 300-L, 6 gpt Ferrotrol 270, 2 gpt Ferrotrol 271, 1 gpt CI-27, 1/2 gpt Claymaster 5C, 1 gpt NE 940, 2 gpt LT-21. Drop displacement wiper valve (DWV) and displace to SN with 13.6 bbl 4% KCl water containing 0.5 gpt Claymaster 5C.
14. Swab and flow well to test tank and evaluate. Note: It may be necessary to put well on pump upon results of swab & flow test.
15. RDPU.
16. Put well on line to battery.

tas

8-13-04

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