

N.M. Oil Cons. DIV-Dist. 2  
1301 W. Grand Avenue  
Artesia, NM 88210

Form 3160-5  
(June 1990)

UNITED STATES  
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**

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

RECEIVED

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

JUL 21 2004

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

OCD-ARTESIA

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

1180' FSL, 435' FWL of Section 3, T21S, R26E Admin Order NSL-707

5. Lease Designation and Serial No.  
NM 3606

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SW-1035

8. Well Name and No.

Lake Federal No. 1

9. API Well No.

30-015-21503

10. Field and Pool, or Exploratory Area  
Avalon Upper Penn

11. County or Parish, State

Eddy County, New Mexico

12. CHECK APPROPRIATE BOX(es) 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. has plugged back the Lake Federal No. 1 from the Avalon Morrow to the Avalon Upper Penn. Please see the attached for details of this work.

ACCEPTED FOR RECORD

JUL 20 2004

LES BABYAK  
PETROLEUM ENGINEER

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

Signed Murray D. Carver

Title Regulatory Affairs Coordinator

Date 7/19/2004

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

Date \_\_\_\_\_

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

**FASKEN OIL AND RANCH, LTD.  
LAKE FEDERAL NO. 1**

**6-23-04**

RIW with 4-1/2" CIBP and set plug @ 10,585'. RIW with 3" dump bailer and dumped 35' of Class "H" cement on top of CIBP @ 10,585'.

**6-24-04**

RIW with 2-3/8" tbg and seating nipple to 9339'. Tested casing and CIBP to 2000 psi for 5 minutes ok. Pickled tbg with 350 gals of 15% NE Hcl acid followed by 28 bbls of packer fluid. Reverse circulated well with 40 bbls of packer fluid and POW with tbg. Ran CBL from 10,000' to 9000' and found TOC @ 9290'. Made same run under 1000 psi and had no change.

**6-25-04**

RIW with packer, and 2-3/8" tbg to 9528' testing to 9500 psi above the slips, ok. Spotted 300 gals of 7-1/2% NEFE HCL DI acid with 34.5 bbls of 3% Kcl water. POW to 9286' and reversed 7 bbls of 3% Kcl water. Set packer in 20,000# of compression and ND BOP. NU well head and tested well head to 5000 psi, ok. Tested 4-1/2" casing and packer to 1500 psi for 5 minutes, ok. Tbg detail:

1- WL entry guide 3.75"	.42'
1- 5-1/2" Arrowset 1X 10K packer 1.781" "F" profile nipple	6.18'
1- 2-3/8" x 5-1/2" TOSSD	1.71'
298- jt 2-3/8" EUE 8rd N-80 tbg	<u>9264.52'</u>
Total	<u>9272.83'</u>
Below KB	<u>+14.00'</u>
EOT	9286.83'

**6-26-04**

RIW 1-11/16" CCL and sinker bar through profile nipple and packer @ 9286', ok. RIW with 1-11/16" strip guns and perforated Canyon Sand @ 9502', 9500', 9498', 9481', 9472', 9470', 9468', 9462', 9460', 9456', 9454', 9441'- 49', 9436', 9434', 9432', 9430', and 9428', 1 JSPF, 0° phasing, 24 holes.

**6-30-04**

Acidized well with 1500 gals of 7-1/2% HCL containing 25% methanol, 2 gpt CI-27, 1 gpt NE-940, 1 gpt Inflo-150, 6 gpt FE-270, 2 gpt- FE-271, 0.5 gpt Clay Master 5-C, with 1000 scf/bbl N<sub>2</sub> and dropped 30 ball sealers. Flushed w/ 3% Kcl water and N<sub>2</sub> with no ball action.

**7-7-04**

Well flowing on a 3/4" variable choke, FTP- 600 psi, produced 93 mcf, 0 bc + 0 bw in 24 hrs. Blew well to water tank for 2 hrs and recovered 1 bw. Dropped 1 soap stick and put well back on line.