



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

2. Name of Operator

Fasken Oil and Ranch, Ltd. /

3. Address and Telephone No.

303 W. Wall, Suite 1800, Midland, TX 79701 (915) 687-1777

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

2080' FSL and 750' FWL, Section 1, T21S, R25E

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

5. Lease Designation and Serial No.

NMLC 070409

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Avalon Federal No. 2

9. API Well No.

30-015-29730

10. Field and Pool, or Exploratory Area

Cat-Claw Strawn

11. County or Parish, State

Eddy, New Mexico

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 plug back the Avalon Federal No. 2 from the Cat-Claw Morrow to the Cat-Claw Strawn Pool. Please see the attached procedure for details.

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

Signed Alexis C. Swoboda

Title Regulatory Affairs Coordinator

Date 5/2/2002

(This space for Federal or State office use)

Approved by (ORIG. SGD.) ALEXIS C. SWOBODA

Title PETROLEUM ENGINEER

Date MAY 07 2002

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

RECEIVED
2002 MAY - 6 AM 10:05
BUREAU OF IND. AND AGMT.
ROSWELL OFFICE

**Workover Procedure
Avalon Federal No. 2
2080' FSL & 750' FWL
Sec 1, T21S R25E
AFE 535**

OBJECTIVE:	Recomplete to Strawn
WELL DATA:	
13-3/8" 48# H-40 casing:	Set at 473', cement circ.
9-5/8" 36# J-55 casing:	Set at 2003' cement circ.
5-1/2" 17# N-80 casing:	Set at 10,593' DV @ 7276', TOC @ 720'. Marker Joint 7.73' @ 9698'.
Pkr 5-1/2"x2-3/8" Arrowset 1X 10K:	Set at 10,295'
Tubing 2-3/8" EUE 8rd N-80:	Set at 10,295' w/TOSSDw/1.781' "F" profile
Perfs 10,406'-10413':	Total 35 holes (13 0.23" 45 deg ph + 22 0.35" 0 deg ph)
KB:	13'
TD:	10,600'
PBTD:	10,545' Float collar

1. RUPU. Install BOP.
2. Kill well with 40 bbls 3% KCL water containing packer fluid and 0.5 gpt ClayMaster 5C.
3. POW w/2-3/8" 4.7#/ft EUE 8rd N-80 tubing, TOSSD and 5-1/2" Arrowset packer.
4. RU wireline company. RU 3000 psi lubricator. Run 5-1/2" 17#/ft CIBP on wireline and set at 10,375'. Dump 35' Class "H" cement on CIBP for PBTD 10,340'. RD wireline company.
5. RIW w/5-1/2"x2-3/8" Arrowset I10K packer with wireline reentry guide, TOSSD w/1.781" "F" frac hardened profile and 2-3/8" 4.7#/ft EUE 8rd N-80 tubing. Set packer at +/-9,650'.
6. ND BOP. NU wellhead, landing packer in 20,000# compression.
7. Load annulus with 3% KCL water containing packer fluid and 0.5 gpt ClayMaster 5C and test to 2000 psi.
8. Swab fluid level to +/-8300'.
9. RU wireline with 5000 psi lubricator. Marker joint 7.73' @ 9698'. RIW with gamma gun and 1-11/16" strip gun. Perforate Strawn at 9731'-9737' with 4 spf, total 24 holes by Schlumberger Platform Express Three Detector Litho-Density Compensated Neutron/GR log dated December 4, 1999.
10. Flow back and evaluate for further stimulation.
11. If additional stimulation necessary, RU BJ Services. Install tree saver. Trap 2000 psi on annulus. Treat perfs 9731'-9737' with 2000 gal (consisting of 1000 gal CO2 + 750 gal methanol+125 gal mutual solvent+125 gal glacial Acetic acid) via 2-3/8" tubing as follows:
 - A. Pump 8 tons CO2 pad @ 5 bpm.
 - B. Pump 2000 gal 50% CO2+50% methanol/mutual solvent/acetic acid.
 - C. Flush with 1500 gal CO2 @ 5 bpm.

12. Flow to pit until flare will burn.

13. Open well to sales line.

14. Evaluate for fracture stimulation.

cwb

3-22-02

(avalon2 afe535 pro.doc)