

C15F

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

Form 3160-5  
(June 1990)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Artesia, NM 88210

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

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)

1835' FNL, 1980' FEL of Section 5, T21S, R24E

5. Lease Designation and Serial No.

NMNM 0207950

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SW-381

8. Well Name and No.

Shell Federal Com. No. 5

9. API Well No.

30-015-22900

10. Field and Pool, or Exploratory Area

Indian Basin Strawn

11. County or Parish, State

Eddy, NM

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 add perms & stimulate  
☐ 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. proposes to add additional Strawn perforations from 8724' - 8727' with 2 jsfp (total 6 holes) using a 1 11/16" thru-tubing strip gun and acidize the entire Strawn interval in this wellbore. Please see the attached procedures.

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

Signed Alexis C. Swoboda Title Regulatory Affairs Coordinator

Date 10/1/2002

(This space for Federal or State office use)

Approved by (ORIG. SGD.) ALEXIS C. SWOBODA Title PETROLEUM ENGINEER

Date OCT - 2 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

Add Perfs Procedure  
Shell Federal #5

Fasken Oil and Ranch, Ltd.  
Cemetary (Morrow)  
Eddy Co., NM

Objective: Add Strawn Perfs

KB: 16 above GL

Completed July, 1981

TD: 10,000'

PBTD: 9,810' (1-28-98)

13-3/8" @ 400' w/350 sx. Circ. cmt to surf.

8-5/8" @ 3005' w/1100 sx Circ. cmt to surf.

4-1/2" 11.6/ft N-80 & K-55 @ 10,000' w/950 sx Incor TOC 6300' by Temp. Marker jt @ 9452'.

Perfs: Morrow 9852'-61' (6-8-79 40 holes) (6-13-79 set CIBP @ 9840' w/20' cmt on top)

9679', 77', 75', 73', 71', 69', 67', 65', 63', 43', 9638'-33', 9621'-19' (6-13-79)

9547'-64', 9570'-73' (7-17-79) (Reperf'd twice w/2jspf 7-28-79, sqzd 8-24-79)

CIBP @ 9600'

9663'-79', 9643', 9633'-38', 9619'-21' (1-30-98)

Morrow open:

9547'-64', 9570'-73' (8-31-79). Reperf 9547'-61' (10-10-97).

9497', 9500', 9504'-06', 9512'-14', 9528'-31' (11-9-93)

Strawn: Perf 8641'-56' (5-98)

Pkr: 4-1/2" Arrowset I 10K pkr @ 9454' w/TOSSD w/1.875" prof. Nipple with check valve

Pkr: 4-1/2" Arrowset I 10K pkr @ 8604' w/TOSSD w/1.781" "F" profile. CIBP @ 9600'

9663'-79', 9643', 9633'-38', 9619'-21' (1-30-98)

Tbg: 2-3/8" EUE 8rd N-80.

1. RU wireline with 5000 psi lubricator. Perforate Strawn sand zone 8724'-27' with 2jspf (total 6 holes) using 1-11/16" thru-tubing strip gun by Schlumberger Compensated Neutron/Formation Density Log dated 5-9-79.
2. Flow well to evaluate.
3. Put well on line.

CWB 8-28-02

(Shell Fed 5 pro)

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Shell Federal #5  
AFE 616

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Perf 8724'-27' (9-02)

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Tbg: 2-3/8" EUE 8rd N-80.

1. Dig workover pit, lay blooie line.
2. RU BJ Services. RU tree saver. RU pump truck pressure tubing/casing annulus to 1500 psi with 3% KCL water with 0.5 gpt ClayMaster 5-C. Pump 15,000 scf nitrogen as pad then acidize perfs 8641'-56' (28 holes) and 8724'-27' (5 holes) with 750 gal mixture of 7-1/2% HCL +25% methanol with 1000 scf/bbl nitrogen dropping 132 7/8" 0.9 sg RCN ball sealers 11 balls per barrel in last 500 gal. Max surface pressure 9000 psi.  
Acid additives:  
2 gpt CI-27, 1 gpt Ne-940 Non-emulsifier, 1 gpt Inflo-150 Surface Tension reducer, 6 gpt FE-270 Iron Control, 2 gpt FE-271 Iron Control activator, 0.5 gpt Clay Master-5C Clay Control. Replace 25% of the acid mix water with methanol. 750 gallons of 7.5% HCL requires 610 gals water and 140 gals 28 Baume HCL; mix with 457 gals water, 140 gals raw acid, 153 gals methanol. Flush with 3% kcl water containing 0.5 gpt Clay Master-5C with 1000 scf/bbl nitrogen.
3. Flow back load and acid water.
4. Put well on line.

CWB 9-9-02

(Shell Fed 5 stimpro)