

N.M. Oil Cons. DIV-1 St. 2
1301 W. Grand Avenue
Artesia, NM 88210

C/SF

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

5. Lease Designation and Serial No.

NM 06796

6. If Indian, Allottee or Tribe Name

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)

1980' FNL, 2310' FEL Section 29, T20S, R25E

7. If Unit or CA, Agreement Designation

SW 910

8. Well Name and No.

Howell "29" Com No. 1

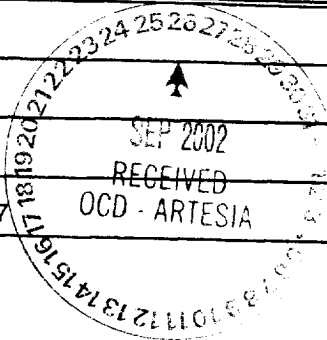
9. API Well No.

30-015-21140

10. Field and Pool, or Exploratory Area
See Attached

11. County or Parish, State

Eddy, NM



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

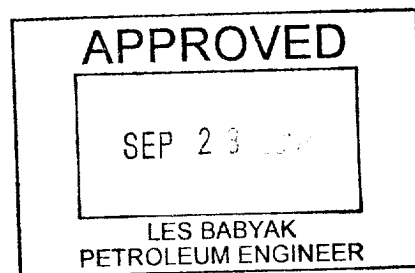
☐ Conversion to Injection

☐ 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. proposes to recomplate the subject well from the Morrow to the Dagger Draw Upper Penn, South; the Indian Basin Strawn, North; and the Wildcat (Atoka) pools. These zones will be downhole commingled upon completion. A separate application has been filed for BLM's approval to downhole commingle these zones, along with an application to the New Mexico Oil Conservation Division as well. Please see the attached for the workover procedure.



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

Signed [Signature]

Title Regulatory Affairs Coordinator

Date 9/10/2002

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

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

**Workover Procedure
Howell "29" No. 1
AFE 598**

Fasken Oil & Ranch, Ltd. ----- Howell "29" No. 1 ----- Cemetary (Morrow) Field

Surface Location: 1980' FNL & 2310' FEL Sec 29, T20S, R25E, Eddy Co., NM

Objective: Abandon Morrow, Recomplete to Atoka, Strawn, Canyon.

KB: 15' above GL

Completed: 6-7-74

TD: 9675'

PBTD: Current 9480' by power swivel 12/01. Original 9607' FC

13-3/8" @ 202' w/400 sx, Circ to surf.

8-5/8" @ 3240' w/1200 sx, Circ to surf.

4-1/2" 10.5 & 11.6#/ft @ 9673' w/775sx, TOC 7190' by Temp.

Perfs: Original 1JSPF 9484-9504', (20 holes).

Oct 1992 perfed 1JSPF w/2-1/8" OD strip gun, 0.29" entry hole at 9332'-61', 9364'-69', 9470'-78' (45 holes).

Mar 1998 perfed 1JSPF w/1-11/16" OD strip gun, at 9332'-61', 9364'-69', 9484'-9504' (57 holes).

Dec 2001 Perf 9332'-61', 9364'-69' (68 holes).

Total Perfs 9332'-9504' total 122 holes, (Perfs 9332'-69' 140 holes).

Packer: Arrowset I-10K packer set @ 9281.79' w/TOSSD w/1.875" "F" profile nipple.

Perm Packer: WL set 4-1/2" Arrowdrill pkr at 9420' w/1.781" "R" check valve

Tubing 2-3/8" 4.7 #/ft EUE 8RD N-80.

1. RUPU. Kill well via tubing with 36 bbl 3% KCL water containing 0.5 gpt ClayMaster 5-C.
2. NDWH, Install BOP.
3. Release Arrowset 1-10k packer at 9282' and POW w/2-3/8" 4.7/ft EUE 8rd N-80 tubing.
4. RU wireline lubricator. RIW with 4-1/2" CIBP and set at 9300'. Spot 35' Class "H" cement on CIBP with dump bailer for PBTD of 9265'.
5. Fill casing with 3% KCL water containing packer fluid and 1/2 gpt BJ's ClayMaster 5C (or equiv.).
6. RIW w/ wireline entry guide, 4-1/2" Arrowset I 10k packer w/TOSSD w/1.781" "F" profile, 2-3/8" 4.7#/ft EUE 8rd N-80 tubing. Set packer at 8280'+/-.
7. ND BOP, NU 2-3/8" 3000 psi rebuilt X-mas tree landing tubing with packer in 12,000 lbs compression. Pressure test packer, casing and tree to 1500 psi.
8. Swab tubing fluid level to 8000'+/-.
9. RU wireline company and lubricator. Perforate the following intervals with 1-11/16" strip gun by Schlumberger Compensated Neutron-Formation Density log dated 6-May-74:

9036'-9038' Atoka 1 jspf (3 holes) (9034'-9036' CCL/GR)
8913'-8921' Atoka 1 jspf (9 holes) (8910'-8918' by CCL/GR)
8568'-8576' Strawn 1 jspf (9 holes) (8564'-8572' by CCL/GR)
8436'-8442' Canyon 1 jspf (7 holes) (8433'-8439' by CCL/GR)
8318'-8323' Canyon 1 jspf (6 holes) (8315'-8320' by CCL/GR)
total 34 holes

10. If stimulation required. RU BJ Services. RU tree saver. RU pump truck and trap 1500 psi on tubing casing annulus. Acidize perms 8318'-9038' with 1500 gal mixture of 7-1/2% HCL +25% methanol with 1000 scf/bbl nitrogen dropping 68 7/8" 1.3 sg RCN ball sealers evenly spaced. Max surface pressure 7500 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. 1500 gallons of 7.5% HCL requires 1215 gals water and 285 gals 28 Baume HCL, so mix with 911 gals water, 285 gals raw acid, 304 gals methanol. Flush with 3% kcl water containing 0.5 gpt Clay Master-5C with 1000 scf/bbl nitrogen.

11. Flow and swab back load and acid water to pit until flare will burn.

12. Return well to sales

CWB 8-29-02

(How291 afe598 pro.doc)