

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

CISI

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

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)

3100' FNL, 2600' FEL of Section 4, T21S, R24E

5. Lease Designation and Serial No.

NM 021029

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Com Sw 247

8. Well Name and No.

Ross Federal No. 4

9. API Well No.

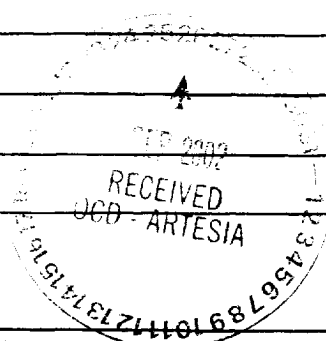
30-015-32076

10. Field and Pool, or Exploratory Area

Undesignated Atoka

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 _____
- ☐ 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 temporarily abandon the Morrow and recomplete this well to the Atoka. Please see the attached procedure.

APPROVED

SEP 20 2002

LES BABYAK
PETROLEUM ENGINEER

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

Signed Murray D. Carver

Title Regulatory Affairs Coordinator

Date 9/16/2002

(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

Ross Federal No. 4
3100' FNL & 2600' FEL
Sec 4, T21S R24E
AFE 586
Atoka Recompletion Procedure

OBJECTIVE:	Temporarily abandon Morrow, Recomplete to Atoka
WELL DATA:	
13-3/8" 48#/ft H-40 ST&C casing:	Set at 400.77' KB Cmt w/400 sx, circ 75 sx to surf.
9-5/8" 36.0#/ft J-55 LT&C casing:	Set at 3009.60' KB, Cmt w/ 800 sx, circ 48 sx to surf.
4-1/2" 11.6# N-80 LT&C casing:	Set at 9,831.79', Cmt w/950 sx. TOC 8852' by temp survey.
	Marker jts 13.74' @ 9,321.55' and 13.74' @ 8,995.37
Perfs:	9576'-80' (16 h), 9582'-84' (8 h), 9592'-9610' (72 h), 9654'-56' (8 h), 9658'-62' (16 h); total 120 holes.
Packer:	4-1/2" Arrowdrill perm packer (3.75 OD x 2.688 ID) on WL @ 9350', w/2-3/8" EUE 8rd N-80 x 8' sub, 2-3/8" x 3-1/2" OD WL entry guide, 2-3/8" x 1.781" "R" frac hardened profile nipple.
Tubing:	297 jts 2-7/8" EUE 8rd N-80 tubing, w/2.688'OD x1.98" ID threaded latch seal assembly.
TD:	9,831.79'KB csg landed
PBTD:	9,783.91' KB float collar

1. RU slickline services and RIW with 1.781" "R" blanking plug and set in profile nipple @ 9358'. Blow down tubing to determine plug is holding.
2. RUPU. ND x-mas tree. NU BOP.
3. Receive 9400' 2-3/8" N-80 EUE 8rd tubing.
4. Fill tubing with 60 bbls 3% KCL water containing packer fluid and 1/2 gpt BJ's ClayMaster 5C.
5. Release tubing from latch seal assembly, POW laying down 2-7/8" N-80 8rd EUE tubing.
6. RIW w/4-1/2" X 2-3/8" Arrowset I 10K packer to +/-9,030', TOSSD w/1.875" "F" frac hardened profile nipple and 2-3/8" N-80 EUE 8rd tubing testing tubing to 9500 psi above slips. Set packer.
7. Release TOSSD. RU stimulation services and pickle tubing with 500 gal 15% HCL with corrosion inhibitor. Reverse acid to transport or tank using 3% KCL packer fluid and 0.5 gpt Claymaster 5C.. Engage TOSSD.
8. ND BOP, NU wellhead landing tubing with packer in 15,000 lbs compression.
9. RU pump truck and test 2-3/8" tubing, packer and blanking plug to 5000 psi (about 9000 psi at plug).
10. Swab fluid level in tubing to +/-8000'.

11. RU wireline with 5000 psi lubricator. Perforate Atoka sand with 1-11/16" Hyper Dome Scallop Hollow Carrier gun (0.2 EHD, 3.2 gm chg, 10.6" pen) at 9090'-9101', 2 jspf zero deg phased, total 22 holes by Schlumberger Platform Express Three Detector Litho-Density Compensated Neutron/GR log dated December 3, 2001.
12. Flow well to evaluate.
13. RDPU.
14. If stimulation is necessary RU BJ Services. RU tree saver. RU pump truck and trap 2000 psi on tubing/casing annulus. Pump 15,000 scf/bbl nitrogen as pad then acidize perfs 9090'-9101' with 750 gal mixture of 7-1/2% HCL +25% methanol w/1000 scf/bbl. Max surface pressure 9500 psi.
Additives: 0.5 gpt Clay Master-5C, 2 gpt CI-27, 6 gpt FE-270, iron control, 2 gpt FE-271 Iron Control activator, 1 gpt NE-940 Non-emulsifier, 1 gpt Inflo-150 Surface Tension reducer. Replace 25% of the acid mix water with methanol. 1000 gallons of 7.5% HCL requires 610 gals water and 140 gals 28 Baume HCL, so mix with 457 gals water, 153 gals methanol, 140 gals raw acid. Flush with 3% kcl water containing 1 gpt clay stabilizer with 1000 scf/bbl nitrogen.
15. Flow and swab (if necessary) acid and load water.
16. Put well on sales line. Evaluate for fracture stimulation.
17. Run 4-point test.

cwb
(Ross4 AFE586 pro 7-22-02 cwb.doc)