

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED  
OMB No 1004-0137  
Expires March 31, 2007

S

Lease Serial No  
NM 084402

If Indian, Allottee or Tribe Name

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE** - Other instructions on page 2

1. Type of Well

☐ Oil Well

☒ Gas Well

☐ Other

DEC 11 2007

2. Name of Operator

Fasken Oil and Ranch, Ltd.

OCD-ARTESIA

3a. Address

303 W. Wall, Suite 1800, Midland, TX 79701

3b. Phone No. (include area code)

(432) 687-1777

7. If Unit of CA/Agreement, Name and/or No  
Com No. SW-247

8. Well Name and No  
Ross Federal No. 5

9. API Well No  
30-015-33592

10. Field and Pool or Exploratory Area  
Cemetery Morrow

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

660' FNL, 660' FEL Sec 4, T21S, R24E

11. Country or Parish, State  
Eddy, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Add Perfs
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

9/18-9/19/07 POW w/ 2-3/8" tbg, TOSSD, 5-1/2" Arrowset 1-X 10K pkr. and TCP perf guns. RUWL and RIW w/ 4.50" OD gauge ring with Gamma gun/CCL to 9598', logged 9598-9100' correlated to Baker Hughes Compensated Z-Densilog Compensated Neutron Gamma Ray Log dated 10-20-04 and POW w/tools. RIW w/ 5-1/2" CIBP and set @ 9585' and capped with 1 sk class "H" cement w/ 3-1/2" dump bailer. POW and RDWL. Loaded casing w/ 123 bbls 3% Kcl wtr w/ 0.5 gpt Clay Master 5-C and pressured casing to 500 psi. RU BJ pump truck and loaded casing w/ 6 bbls 3% Kcl with .5 gpt Clay Master 5-C. Tested 4-1/2" casing to 6300 psi for 30" with no pressure loss. Bled down casing and RD BJ pump truck. NU BOP and RU Gray Wireline and RIW w/ 3-1/8" expendable casing gun and perforated 9516' - 9526' w/ 2 JSPF, 120° phased, 20 holes and 9463' - 9468' w. 2 JSPF, 10 holes. RDWL. RU tubing tester and RIW testing tubing to 7500. EOT @ 9,396.75'. Packer set with 20 pts compression. Tested 2-3/8" X 5-1/2" casing annulus to 1500 psi for 15" with no pressure loss.

9-21-07 RU BJ pump truck, loaded casing and pressured to 1500 psi and monitored. Acidized perforations 9463'-9468' and 9516'-9526' (30 holes) w/750 gal. 7-1/2% HCL acid dropping 60 bio ball sealers in last 500 gal. of acid and flushed w/ 38 bbls 3% Kcl with .5 gpt Clay Master 5-C.

9/22-9/29/07 Swabbed well. POW w/ tbg and packer. RU Cudd 1-1/4" coil tubing unit. RIW w/ coil tubing jetting 5-1/2" casing dry to PBTD (9572') with nitrogen. POW jetting casing to 4000' FS. RD Coil tubing and equipment.

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

Name (Printed/Typed)

Gloria Holcomb

Title Engineering Tech.

Signature

Gloria Holcomb

Date 11/19/2007

ACCEPTED FOR RECORD SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/S/ DAVID R. GLASS

DEC 6 2007

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 18 U.S.C. Section 1212, make 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.

(Instructions on page 2)

Accepted for record - NMOCD

12/19/07

**ROSS FEDERAL NO. 5**  
**API No. 30-015-33592**  
**Form 3160-5 Continued**

10/3-10/11/07 RU casing saver and BJ Services. RU pump truck on 9-5/8" x 5-1/2" casing annulus and set 2" popoff valve to 1000 psi and maintained 500-600 psi through out frac with total 65 bbls pumped. Frac'd Middle Morrow perms 9463'-9526' via 5-1/2" casing w/ 36,500 gal 70 quality 40# Binary Foam + 31,340# 20/40 Carbo-prop as follows.

Pumped 20,000 gal 70Q Binary foam pad @ 16 bpm @ 5133 psi.

Pumped 2,000 gal 70Q Binary foam w/0.25 ppg 20/40 Carbo-prop 19 bpm @ 5050 psi

Pumped 2,000 gal 70Q Binary Foam w/0.5 ppg 20/40 Carbo-prop 18.5 bpm @ 4963 psi.

Pumped 3,000 gal 70Q Binary Foam w/1.0 ppg 20/40 Carbo-prop 18 bpm @ 4851 psi

Pumped 4,000 gal 70Q Binary Foam w/1.5 ppg 20/40 Carbo-prop 18.4 bpm @ 4695 psi.

Pumped 3,000 gal 70Q Binary Foam w/2.0 ppg 20/40 Carbo-prop 18.2 bpm @ 4548 psi

Pumped 2,500 gal 70Q Binary Foam w/2.5 ppg 20/40 Carbo-prop 18.4 bpm @ 4474 psi

Pumped 6,100 gal 70Q Binary Foam w/3.0 ppg 20/40 Carbo-prop 17.9 bpm @ 4580 psi

Pumped 5,166 gal 59Q flush 18 bpm @ 4750 psi capping with 10 bbls 2% Kcl water

ISIP 3711 psi, 5" SICP 3487 psi, 10" SICP 3367 psi, 15" SICP 3300 psi. Min pressure 4580 psi,

max pressure 5166 psi, average pressure 4873 psi, average rate 18 bpm LTR 340 bbls, 565,000

scf N<sub>2</sub> and 90 tons CO<sub>2</sub>. RD casing saver and BJ frac equipment. Casing pressure at 1:00 pm

CDT 3200 psi. Opened well through manifold on 28/64" positive choke @ 1:15 pm CDT and

flowed back well to pit as follows:

Time	Choke	FCP (psi)	BPH	Remarks
1:15 pm	28/32"	3200	120	
1:45 pm	36/64"	1000	110	
3:00 pm	40/64"	800	49	
4:00 pm	40/64"	400	46	Recovered 230 bbl; LLTR- 110 bbls
5:00 pm	48/64"	48	0	Flowing dry gas
7:00 pm	48/64"	5	0	Flowing dry gas
6:00 am	48/64"	5	0	Flowing dry gas

ND frac valve NU BOP. RUWL truck and RIW w/ 4.50" OD gauge ring and junk basket and CCL. Tagged sand @ 9474' with bottom set of perforations covered up. RDWL. RIW and tagged fill @ 9476'. Fell through bridge to 9503' RIW to bottom and worked tools and bailed to 9632', lost back to 9628', bailed back to 9532' and lost back to 9527'. PU off bottom for 30" and tagged @ 9526' and worked tools to 9533'. POW w/ tools recovered sand and foamy fluid. RIW w/ same BHA w/ 4-5/8" blade bit and 150 jts 2-3/8" tubing. Finished RIW w/ tbg and stroke bailer and tagged fill @ 9524' FS w/ 6' fill overnight. RU pump truck and trickled 15 bbls 5% Kcl while working tools and worked bailer 30 min after 10 bbls Kcl in and made no progress. RU swivel working bailer w/ swivel for 1 hr and could drill into sand with swivel but bailer not picking up sand. POW w/ tbg and tools. LD all tools. POW with remainder of tubing and packer. RUWL truck and ran 4.6" OD gauge ring to 9400'. RIW w/ 5-1/2" Arrowset I-X 10K pkr with 1 781" steel profile nipple, 2-3/8" rupture disk and WL entry guide on Baker No. 10 setting tool and CCL setting packer element @ 9380'. NU flow tree with 21 pts compression on pkr. Verified that gas would burn and turned well to sales @ 5:00 pm flowing 120 mcfpd at 45 psi. RDPU and cleaned location.