



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

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

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

FEB 21 2008

2. Name of Operator
Fasken Oil and Ranch, Ltd.

OCD-ARTESIA

3a. Address
303 W Wall Ave., Suite 1800
Midland, TX 79701

3b. Phone No. (include area code)
(432) 687-1777

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
990 FNL, 1980 FWL,
Sec 35, T20S, R27E

5. Lease Serial No
LC-072015-C

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No

8. Well Name and No
Maralo "35" Federal No. 5

9. API Well No.
30-015-35695

10. Field and Pool or Exploratory Area
Burton Flat (Morrow)

11. Country or Parish, State
Eddy

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 checked="" type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input checked="" 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 Completion
	<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 recomple 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 recompletion 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.)

10/11-10/13/07 RU pump truck and tested casing to 3500 psi with intermediate casing valve open and tested flowline to 4000 psi with no leaks. RUPU and NDWH and NU BOP. RIW w/ 3-3/4" skirted bit, 4-1/2" casing scraper, 6 - 3-1/16" DC and 21 joints of tbg. RIW w/ 255 jts tbg and tagged plug at 8177'. RU swivel and drilled out DV @ 8209' and reciprocated bit and scraper through DV twenty times. Tested casing to 1500 psi for 15 minutes with no pressure loss. RIW w/ tbg and tagged cmt at 11,132' and drilled to 11,182' and circulated clean with 3% Kcl and clay stabilizer. POW w/ tbg and LD BHA.

10/16-10/17/07 RIW w/ HD pkr to 8314' and tested csg below pkr to 3500 psi. with no pressure loss. Tested csg below pkr to 3500 psi with pkr set at 8278', 8249', 8217', 8186', and 8154' with no pressure loss. Tested annulus to 3000 psi with pkr set at 8154' with no pressure loss. POW and LD pkr. RIW and set packer in 20,000# compression at 10,979' and released TOSSD. Pickled tbg with 500 gals 15% HCL acid and reversed acid with 3% Kcl water with clay stabilizer. ND BOP and engaged TOSSD. NU tree and pressure tested tbg, packer, and csg to 3500 psi with no pressure loss. RU swab and made 5 runs.

10/25-11/01/07 RUWL and RIW w/ GR-CCL and perforated 11,144' - 11,166' w/ 1-11/16" strip gun loaded 1 JSPF, 0° phasing, 23 holes, 0.23" EHD. POW and RDWL. Swabbed. RU Cudd Pumping Services and pressured csg to 500 psi and monitored. Broke formation down at 3875 psi and acidized w/ 750 gal 7-1/2% HCL and dropped 46 ball sealers at 2.5 bpm and 3800 psi. Flushed with 42.5 bbls. 3% Kcl. ISIP 3100 psi; 5 min 2567 psi; 10 min 2313 psi; 15 min 2115 psi. RD Cudd and RU swab. Swabbed. RDSU. RUWL and RIW w/ GR-CCL and perforated 11,082'-11,088', 7 holes and 11,040'-11,050', 11 holes w/ 1-11/16" strip gun loaded 1 JSPF, 0° phasing. RDWL w/ FTP-5 psi. Operator hit lubricator with rope socket and dropped 21.5' of tools in well. RIW w/ overshot on sandline and recovered all tools left in well.

14 I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Gloria Holcomb

Title Engineering Tech.

ACCEPTED FOR RECORD

Signature

Gloria Holcomb

Date 12/28/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

FEB 19 2008

Approved by

Title

Office

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

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Title 18 U.S.C. Section 1001 and Title 43 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)

**Maralo "35" Federal No. 5
BLM Form 3160-5 (Cont.)**

11/03-11/06/07 Swabbed. RU BJ Services and pressured csg to 500 psi and monitored. Broke formation down at 4500 psi and acidized w/ 1750 gal 7-1/2% HCL and dropped 82 ball sealers at 2.1 bpm and 3800 psi. Flushed with 43.3 bbls 5% KCl ISIP 3462 psi; 5 min 2567 psi; 10 min 2386 psi; 15 min 2244 psi. RD BJ Services and RU swab. Found 10" of swab mandrel broken off, left mandrel and 1 wire cup in tbq. Attempted to fish. RIW w/ overshot on swab tools and parted mechanical swivel on rope socket. Total of 25.1' tools left in tbq. Contractor RIW w/ overshot on sand line and recovered all tools left in well.

12/5-12/18/07 RUPU, NDWH and NU BOP. Loaded tbq w/ 3% KCl water w/ clay stabilizer and released packer. Reverse circulated 45 bbl packer fluid and POW w/ tbq and packer. RU wireline and RIW and set CIBP at 11030' and capped w/ 1 sx. Class "H" cmt for PBTD of 11018'. RU pump truck and tested csg to 3000 psi. w/ no pressure loss. RUWL and perforated 10939' - 10946', 10886' - 10893' and 10833' - 10840' w/ 3-1/8" expendable gun, 2 JSPF, 60° phasing, 42 holes. RDWL and RIW w/ 4-1/2" Arrowset 1X 10K packer, 3-3/4" x 2-3/8" TOSSD with 1.781" "F" carbon steel profile nipple and 342 jts. of 2-3/8" EUE 8rd N-80 tubing. Set packer in 20,000# of compression at 10,749.87' and ND BOP. NU flow tree and RU swab. RU Cudd Pumping Services and pressured csg to 500 psi and monitored. Broke formation down at 3830 psi and acidized w/ 1250 gal 7-1/2% HCL dropping 80 ball sealers evenly spaced in the last 1000 gals. Average 3 bpm at 3400 psi. Flushed with 43 bbls of 3% KCl water containing clay stabilizer. Balled out and surged tbq. and continued w/ last 10 barrels. ISIP 2365 psi; 5 min 1807 psi; 10 min 1290 psi; 15 min 913 psi. RU swab. RU pump truck and killed well w/ 5% KCl water w/ clay stabilizer. NDWH and NU BOP and released packer and RIW below 10,946'. Flowed to pit 2 hrs to clean up. Killed well w/ 50 barrels 5% KCl w/ clay stabilizer. NDWH, NU BOP and installed stripper rubber and POW w/ 91 stands of tbq. Tied tbq and csg together and turned through separator flowing on 3/4" choke at 477 mcfpd, FTP-140 psi. Killed well w/ 23 barrels 5% KCl w/ clay stabilizer. POW w/ tbq and packer. ND BOP and NU 7-1/16" 5K frac valve. Tied tbq and csg together and turned through separator flowing on 3/4" choke at 443 mcfpd, FTP-110 psi. SWI and rigged up Stinger casing saver. RU BJ Services and installed 9-5/8" x 4-1/2" annulus pop off valve set to 2000 psi. SICP 1337 psi after 4 hours shut in. Frac'd Middle Morrow perms 10833'-10946' via 4-1/2" casing w/ 62,200 gal 70 quality 40# Binary Foam + 62,000# 20/40 Interprop. Pumped 4,578 gal 70Q flush and screened out @ 6200 psi with 2436 gal 70Q Binary Foam with 3 ppg 20/40 Interprop in the casing; capped with 10 bbls 2% KCl water. ISIP 6200 psi, 5 min 6004 psi, 10 min 5992 psi, 15 min 5984 psi. Min. pressure 5570 psi, max pressure 6200 psi, average pressure 5749 psi, and average rate 30 bpm. LTR 520 bbls, 833,415 scf N₂ and 121 tons CO₂. Bled pressure to 5150 psi and RD casing saver. Casing pressure at 2:40 pm MST 5200 psi. Opened well through manifold on 10/64" positive choke @ 2:40 pm MST and flowed back well to pit. RU slick line and RIW w/ 1-1/2" sinker bar and tagged fill at 10,987' (41' below bottom perforation) and POW and RD slick line. Opened well through 2" valve, FCP-20 psi. RU wireline and RIW w/ 1.370" gauge ring to 10,987' and tagged fill. POW with gauge ring sticking repeatedly up to 10,230' through suspected sand. RIW w/ 3.7" gauge ring and tagged sand at 10,800'. POW w/ gauge ring and RIW w/ 3-1/8" sinker bar and CCL and tagged at 10,800'. Sat down w/ tools several times with no change and POW. RIW w/ wireline re-entry guide containing glass disk, 10' x 2-3/8" tbq sub, Arrowset 1X packer with 1.781" F profile in gudgeon on wireline and set 5-1/2" x 2-3/8" Arrowset 1X10K packer at 10,775'. POW and RDWL. RIW w/ 2-3/8" EUE 8rd N-80 tbq and set @10807.24'. Displaced well w/ 165 bbls of 3% KCl water containing oxygen scavenger and corrosion inhibitor. Engaged TOSSD and tested casing to 3500 psi. w/ no pressure loss. ND BOP and NU well head. RIW w/ sinker bar, broke glass disc and POW. RDPU and RUSU. Made 4 runs. RU Cudd coil tbq and N₂. RIW w/ wash nozzle and 1-1/4" coil tbq pumping 1/2 BPM 3% KCl and 500 scfpm N₂. Washed to 11,042' and circulated well clean. POW w/ coil tbq pumping 1000 scfpm N₂ and RD Cudd. Turned well through separator flowing 400 mcfpd on 16/64" choke w/ FTP- 600 psi.