

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

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)  
 4379' FNL, 1780' FEL Section 1, T21S, R26E

**RECEIVED**

OCT 28 2003

**OCD-ARTESIA**

5. Lease Designation and Serial No.  
 NM 911

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
 El Paso Federal No. 12

9. API Well No.  
 30-015-30634

10. Field and Pool, or Exploratory Area  
 Foster Draw (Delaware)

11. County or Parish, State  
 Eddy, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Add lower perforations</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> 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 perforations in the lower zone of the Foster Draw (Delaware) pool. Please see the attached procedure for specific perforations and treatment.

**APPROVED**  
 OCT 24 2003  
 LES BABYAK  
 PETROLEUM ENGINEER

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

Signed James D. Carie Title Regulatory Affairs Coordinator Date 10/13/2003

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
 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

**Recommended Procedure**  
**El Paso Federal No. 12**  
**4379' FNL & 1780' FEL**  
**Sec 1, T21S R26E**  
**AFE 743**

<b>OBJECTIVE:</b>	Add Lower Delaware Pay
<b>WELL DATA:</b>	
13-3/8" 48# H-40 casing:	Set at 397', circ.
8-5/8" 24# J-55 casing:	Set at 2295', circ.
5-1/2" 15.50# J-55 casing:	Set at 4602', TOC @ 925'; 7.72' marker jt @ 3045.99' KB
KB:	15'
Perfs:	3115'-3242' 127 holes, 0.46" EHD by TCP
Tubing:	SN @ 3080', 99 jts 2-3/8" EUE 8rd J-55
Packer:	None
TD:	4603'
PBTD:	4557' (temp. survey)
Estimated BHP:	400 psi from 375 psi SITP 9-9-03

1. RUPU, set pipe racks and test tank.
2. Pump 20 bbls 4% KCL water containing 0.5 gpt Claymaster 5C down casing. Be prepared to continue to pump at a low rate down the casing for well control.
3. Remove X-mas tree and install BOP with stripper head.
4. POW 99 jts 2-3/8" 4.7#/ft EUE 8rd tubing and SN.
5. RIW w/SN, mechanical collar locator and 2-3/8" EUE 8rd J-55 tubing. Correlate to marker joint at 3045.99'-3053.71' KB.
6. Move SN to 3528' KB and pump 230 gallons 7-1/2% NEFE HCL containing 5 gpt Ferrotrol 300-L, 6 gpt Ferrotrol 270, 2 gpt Ferrotrol 271, 1 gpt CI-27, 1/2 gpt Claymaster 5C, 1 gpt NE 940, 2 gpt LT-21, drop displacement wiper valve (DWV) and displace to SN with 13.6 bbl 4% KCL water containing 0.5 gpt Claymaster 5C.
7. Pull wet string 5 stands, retrieve DWV with sand line.
8. POW with 2-3/8" EUE 8rd J-55 tubing, mechanical collar locator and SN.
9. RU 2000 psi wireline lubricator, perforate Delaware from top down 3346'-3350' (7 holes), 3443'-3447' (7 holes) and 3524'-3528' (7 holes) total 21 holes with 3-3/8" casing gun 120 degree phased, EHD 0.34" by Schlumberger Three Detector Litho-Density Compensated Neutron log dated 9-16-99. Total 21 holes. RD wireline.
10. Displace 230 gal spot acid via casing with 4% KCL water containing 0.5 gpt Claymaster 5C.
11. RIW with 5-1/2" x2-3/8" Arrowset I packer, TOSSD with frac hardened 1.781" "F" profile nipple, 2-3/8" EUE 8rd J-55 tubing to +/- 3300'. Set packer in compression.
12. RU BJ services. Acidize perfs 3364'-3528' with additional 1500 gallons 7-1/2% NEFE HCL acid containing 6 gpt Ferrotrol 270, 2 gpt Ferrotrol 271, 2 gpt NE 940, 1 gpt CI-27, 1 gpt Claymaster 5C at 4-5 bpm, dropping 42 7/8" 1.3 sg RCN ball sealers in groups of 6 or 7 evenly spaced. Flush with 4% KCL water containing 0.5 gpt Claymaster 5C. Max pressure 2500 psi.

13. Swab back load and acid water and evaluate.
14. If fracture stimulation necessary, receive 3300' of new 2-7/8" 6.5#/ft EUE 8rd J-55 tubing. Clean threads on 2-7/8" of tubing.
15. RU slickline with 2000 psi lubricator and RIW with 1.781" "F" profile plug and set in profile nipple at +/-3300'. RD slickline.
16. Blow down tubing to pit to verify plug is holding. Release 2-3/8" tubing from TOSSD and POW laying down 2-3/8" tubing.
17. Change BOP pipe rams to 2-7/8".
18. PU and RIW with TOSSD, 2-3/8"x2-7/8" x-over, 20' 2-7/8" EUE 8rd N-80 blast joint, and 2-7/8" 6.5#/ft EUE 8rd J-55 tubing to packer at +/-3300'.
19. Swab water from casing above packer and flow upper perms 3115'-3242' to pit. Engage TOSSD.
20. ND BOP and stripper head. NU 2-7/8" tree.
21. May need to pump 20 bbls 4% KCL water containing 0.5 gpt Claymaster 5C down tubing to equalize differential pressure across the plug.
22. Fill tubing with 20 bbls 4% KCL water containing 0.5 gpt Claymaster 5C down tubing to equalize differential pressure across the plug.
23. Test tubing to 1000 psi.
24. RU slickline with 2000 psi lubricator and retrieve 1.781" "F" profile plug. RD slickline.
25. Set four (4) clean, lined frac tanks; fill three (3) tanks with 480 bbl fresh water each and one (1) tank with 300 bbls fresh water for a total of 1740 bbl fresh water.
26. RU BJ Services. Install tree saver. Frac perms 3364'-3528' via 2-7/8" tubing with 66,000 gal Medallion 3000 xlink fluid + 90000 lb 16/30 White sand + 30000lb Super LC 16/30 sand flushing with 900 gal 30# linear gelled 4% KCL water as follows (BJ Proposal No. 180261087A):
  - A. 30000 gal Medallion 3000 pad @ 30 bpm
  - B. 6000 gal Medallion 3000 @ 30 bpm w/ 1 ppg White 16/30 sand
  - C. 6000 gal Medallion 3000 @ 30 bpm w/ 2 ppg White 16/30 sand
  - D. 8000 gal Medallion 3000 @ 30 bpm w/ 3 ppg White 16/30 sand
  - E. 10000 gal Medallion 3000 @ 30 bpm w/ 4 ppg White 16/30 sand
  - F. 2000 gal Medallion 3000 @ 30 bpm w/ 5 ppg White 16/30 sand
  - G. 6000 gal Medallion 3000 @ 30 bpm w/ 5 ppg Super LC 16/30 resin coat sand
  - H. 887 gal Flush w/30# linear gelled 4% KCL water

Max allowed surface pressure 5800 psi (80% of 7260 psi burst for 2-7/8" 6.5#/ft J-55 EUR 8rd). BJ estimated max pressure 3600 psi.

27. Flow and swab back and evaluate.

28. Put well on line to El Paso and clean up location. Pipe casing to compressor suction to allow production from upper perfs 3115'-3242'.
29. RDPU.
30. Evaluate for artificial lift.
31. Install heater treater at the battery.
32. RUPU. Kill well with 20 bbls 4% KCL water containing 0.5 gpt Claymaster 5C down tubing.
33. Receive 3300' 2-3/8" 4.7#/ft EUE 8rd J-55 tubing.
34. ND wellhead. NU BOP.
35. Release 5-1/2"X2-3/8" Arrowset I packer at 3300' and POW laying down 2-7/8" tubing and packer.
36. RIW with MA, PS, SN, TAC and 2-3/8" 4.7#/ft EUE 8rd J-55 tubing to +-3300'.
37. ND BOP. NU pumping tee.
38. RIW with insert pump and 76 rod string.
39. Set pumping unit with gas engine prime mover.
40. Put well on pump.

cwb  
10-10-03  
(ep12 afe743 pro.doc)

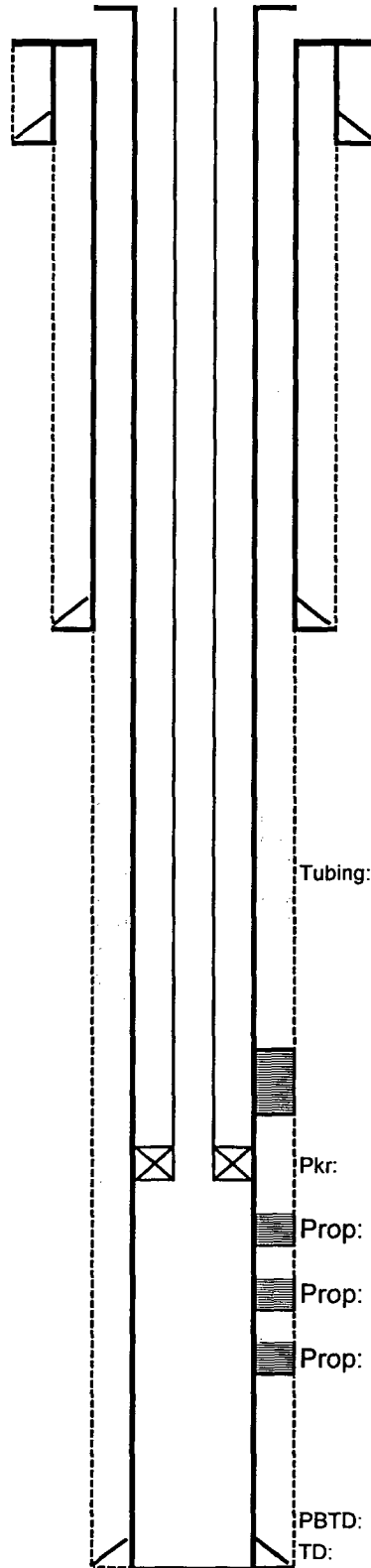
Proposed

# El Paso Federal No. 12

GL: 3192'

KB: 3207'

**Operator:** Fasken Oil and Ranch, Ltd.  
**Location:** 4379' FNL and 1780' FEL  
 Sec 1, T-21-S, R-26-E  
 Eddy County, New Mexico  
**Compl.:** 10/4/1999  
**API #:** 30-015-30634  
**IP:** 11-3-99 F 1371 mcf+28 bopd + 3 bwpd  
 FTP 1040 psi, SICP 940 psi, 14/64" chk



13-3/8", 48#/ft H-40 @ 397.17'  
 w/ 440 sx "C" w/2% CaCl  
 TOC surf

TOC 925' by temp

8-5/8" 24#/ft J-55 @ 2295.46'  
 w/200sx A+800sx "C"4% gel  
 TOC surf

Tubing: 2-7/8" EUE 8rd J-55

3115'-3242' (127 holes)  
 Zone pressure 400 psi

Pkr: 5-1/2" Arrowset I @ 3300'

Prop: 3364'-68' (7h)

Prop: 3443'-47' (7h)

Prop: 3524'-28' (7h)

PBDT: 4554.22' FC

TD: 4603'

5-1/2" 15.5#/ft J-55 @ 4601.66'  
 w/ 700sx Super "C" Modified

**TD:** 4603'  
**PBDT:** 4554.22' FC  
**Casing:** 13-3/8", 48#/ft H-40 @ 397.17'  
 w/ 440 sx "C" w/2% CaCl  
 TOC surf  
 8-5/8" 24#/ft J-55 @ 2295.46'  
 w/200sx A+800sx "C"4% gel  
 +200 sx "C"  
 TOC surf  
 5-1/2" 15.5#/ft J-55 @ 4601.66'  
 w/ 700sx Super "C" Modified  
 TOC 925' by temp  
 (7.72') Marker jt @ 3045.99' KB

**Tubing:** 2-7/8" EUE 8rd J-55

**Packer:** 5-1/2" Arrowset I @ 3300'

**Perfs:**  
**Delaware** 3115'-3242' (127 holes)  
 0.46" EHD

**Proposed:**  
 3364'-68' (7h)  
 3443'-47' (7h)  
 3524'-28' (7h)

**Wellbore Sizes**  
 17-1/2" Surf-400'  
 12-1/4" 400-2296'  
 7-7/8" 2296'-TD'

September 2003 prod: 74 mcf+1.3 bopd+2 bwpd