



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

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.

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

5. Lease Serial No
NM 911

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☐ Oil Well

☒ Gas Well

☐ Other

SEP 24 2007

2. Name of Operator

Fasken Oil and Ranch, Ltd

OCD-ARTESIA

3a. Address

303 West 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

8. Well Name and No
El Paso Federal No 4

9. API Well No
30-015-21305

10. Field and Pool or Exploratory Area
Avalon Strawn

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Unit C, 660' FNL, 1980' FWL, Section 3, T21S, R26E

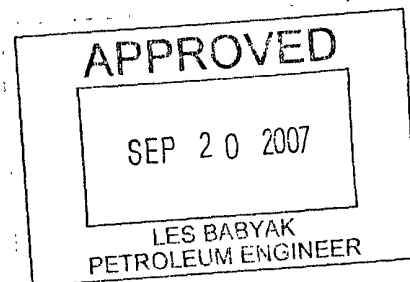
11. Country or Parish, State
Eddy, New Mexico

12. CHECK THE APPROPRIATE BOX(ES) 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"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input 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 checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input checked="" 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.)

Fasken Oil and Ranch, Ltd. hereby requests approval to plug back the El Paso Federal No. 4 into the Avalon Strawn. The procedure to do this work is attached, along with a location plat.



14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Jimmy D. Carlile

Title Regulatory Affairs Coordinator

Signature

Date 09/18/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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 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)

**Recomplete
EL PASO FED. NO. 4
A.F.E. 1319**

OBJECTIVE:	Add Strawn Perforations
WELL DATA:	
13-3/8" 48# H-40 casing:	Set at 346', cement circ.
8-5/8" 24 & 32# J-55 casing:	Set at 4260' cement circ.
4-1/2" 11 6 & 13.5# N-80 casing:	Set at 11,019.64 DV @ 6990', TOC @ 3750'.
Pkr 4-1/2"x2-3/8" Arrowset 1X 10K:	Set at 10506', TOSSD w/1.500' "F" profile.
Tubing:	334 jts 2-3/8" EUE 8rd N-80 (10,495')
Sliding Sleeve:	Sliding sleeve w/1 871" no-go in closed position, 2-joints above packer.
Perfs:	Morrow: 10,648' - 10,652', 10,686' - 10,702', 10,770' - 10,786', 10,862' - 10,870'.
KB:	14'
TD:	11,206'
PBTD:	10,778' 8-15-98 Cleaned out with bit & power swivel. Unable to drill any deeper.

- 1 Test mast anchors, ~~dig and line work over pit~~ ^{use steel pits}, and lay blooie line from well head to pit
- 2 RU slick line with pack off lubricator and RIW with 1 50" "F" check valve and set in profile nipple @ +/- 10,506
- 3 RUPU and pump truck and load tubing with 41 bbls 3% Kcl water containing corrosion inhibitor, oxygen scavenger, and Clay Master 5C Test check valve to 500 psi NDWH and NU manual BOP Release TOSSD from Arrowset packer and POW with tubing and TOSSD X-mas tree will need to be inspected
- 4 RU tubing testers RIW with Arrowset 1X10K packer w/ 1 781 "F" profile nipple, TOSSD, and tubing, testing tubing to 9000 psi above the slips
- 5 Set packer @ +/- 9700' and release TOSSD. Reverse circulate and displace well with 3% KCl water containing corrosion inhibitor, oxygen scavenger and Clay Master 5C Engage TOSSD onto packer, ND BOP, and NUWH landing tubing in 15,000 pts compression Test tubing casing annulus to 1,000 psi for 10 minutes
- 6 RU swab and swab fluid level down to 7500', (+/- 3300 psi under-balanced). RUWL with 5000 psi lubricator and RIW with 1-11/16" strip gun and Gamma gun. Perforate Strawn 1 JSPF @ 9766'-71', 9856'-64', 9866'-79', (29 holes, 0 phase) Correlated to Schlumberger Compensated Neutron Formation Density Log dated 11-8-74
- 7 RDWL and clean well up to pit. Return to production and evaluate for further stimulation
- 8 If further stimulation is required, RU BJ Services and tree saver Pressure tbg-csg annulus to 1500 psi Stimulate (zone is mostly limestone, no sand logged) with a 15,000 scf Nitrogen pad followed by 2500 gal 15% NEFE acid containing 750 scf N₂ / bbl, and drop 35- 1 3 s g bio ball sealers evenly spaced for diversion Max pressure 7500 psi BJ Additives are

0.5 gal/M Clay Master-5C
2 gal/M FAW-18w, surfactant
2 gal/M NE-13, Non-emulsifier
1 gal/M CI-27, organic inhibitor
6 gal/M Ferrotrol-270L
2 gal/M Ferrotrol-271L

Flush with 3% Kcl water containing 750 scf N₂ / bbl and Clay Master 5C

9 Bleed tubing down to pit and establish natural flow

10 Clean well up to pit and return well to production

Mtj/CSL/JWD

9/2/03 -- updated 9/14/07

wellfile

El Paso Federal No. 4

Proposed 9-11-07

GL 3192'

KB 3208'

Operator **Fasken Oil and Ranch, Ltd.**
 Location 660' FNL and 1980' FWL
 Sec 3, T21S, R26E
 Eddy County, NM
 Compl 1/9/1975
 API # 30-015-21305
 TD 11,206'
 PBTD 10,986' Orig, 10,778' Aug '98 salt bridge
 Casing 13-3/8" 48# H-40 @ 346'
 w/200sx Lite+100sx "C", circ to surf
 TOC surf
 8-5/8" 24&32# @ 4260'
 w/1600sx Lite+250sx "C", circ to surf
 TOC surf
 4-1/2" 11 6&13 5# N-80 @ 11,015'
 DV 6990'
 1st stg 900 sx "C" lost circ overdisplaced
 2nd stg 450 sx "C"
 3rd stg thru DV 450 sx "C"
 TOC 3750' by Temp

Proposed Tubing & Pkr detail:

4-1/2"x2-3/8" Arrowset 1x 10K w/1 871" "F" profile

4-1/2"x2-3/8" TOSSD

+/- 9700' 2-3/8" EUE 8rd N-80 tbg

Prop PKR2: +/- 9700'

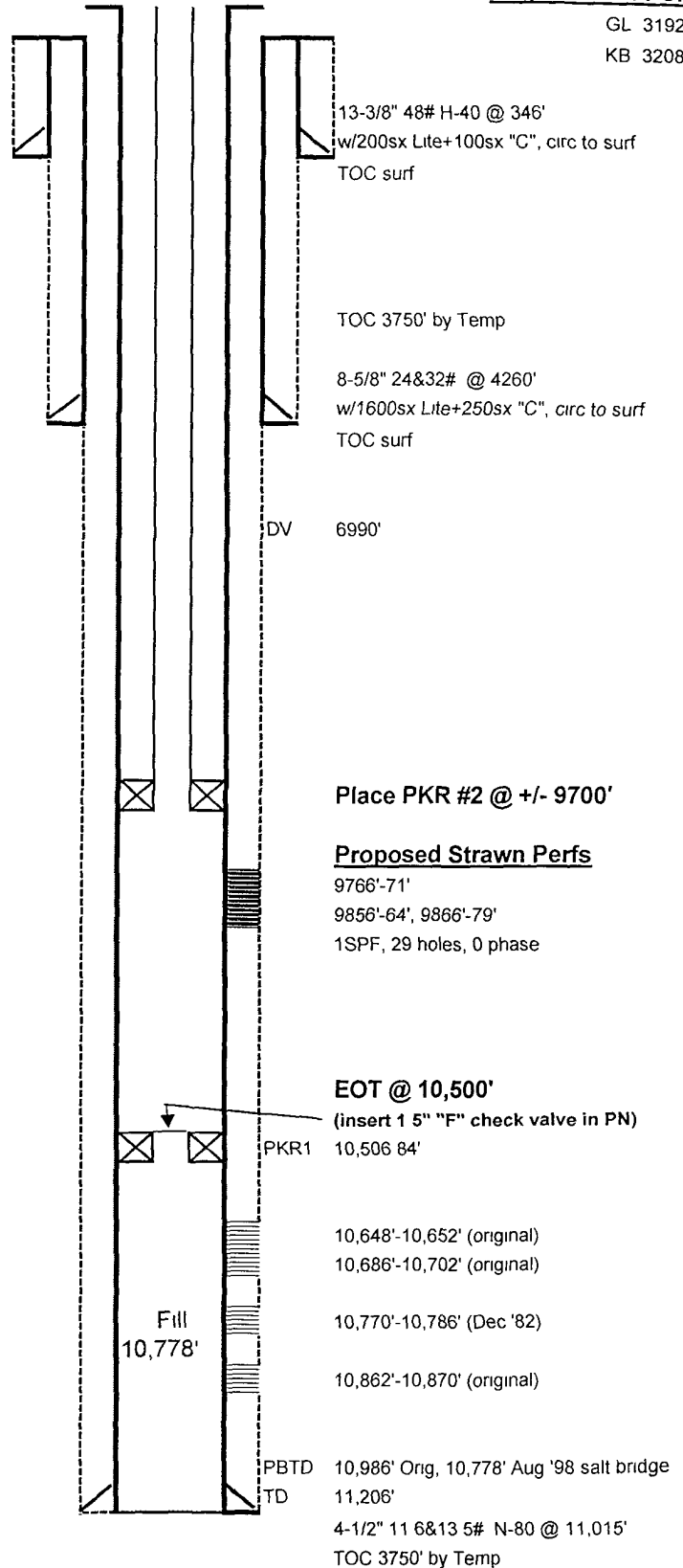
PKR1 10,506 84'

Perfs
 Morrow
 10,648'-10,652' (original)
 10,686'-10,702' (original)
 10,770'-10,786' (Dec '82)
 10,862'-10,870' (original)

Treatment
 Original Frac 10,648'-10,870' w/15,000 gal Alcolgel
 + 13,6650# 12-20 UCAR prop
 Aug '98 Clean out salt to PBTD 10778'
 Acidize 500 gal 15% w/25% meth

Hole Sizes
 17-1/2" 346'
 12-1/4" 4260'
 7-7/8" 11,015'

Prod 60 mcf @ 100 psi 9-14-07



cwb

8-22-03

EP4 AFE1319 AddStrawn Proposed WBD xls

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised June 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-21305		Pool Code 71080		Pool Name Avalon Strawn	
Property Code 18202		Property Name El Paso Federal			Well Number 4
OGRID No 151416		Operator Name Fasken Oil and Ranch, Ltd.			Elevation 3192' GR

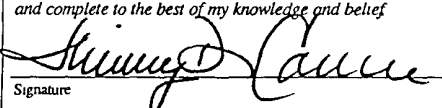
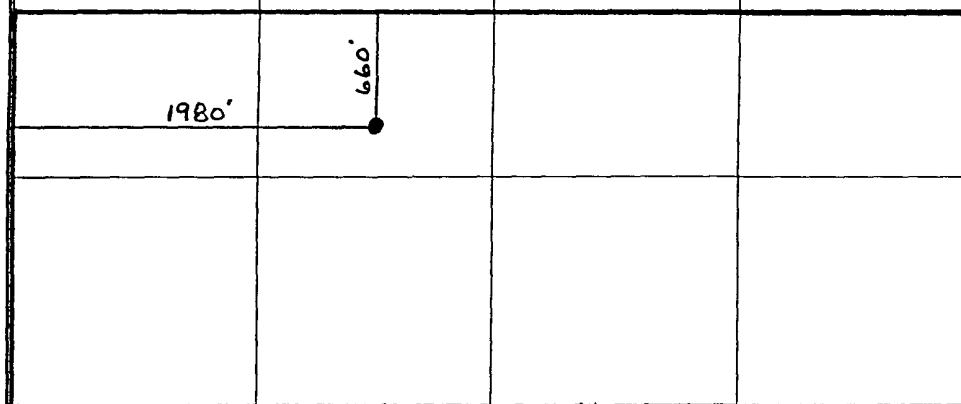
¹⁰ Surface Location

UL or lot no C	Section 3	Township 21S	Range 26E	Lot Idn	Feet from the 660	North/South line North	Feet from the 1980	East/West line West	County Eddy
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 277.18		Joint or Infill	Consolidation Code		Order No				

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁶ North Line of Section				¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief  Signature Jimmy D. Carlile Printed Name Regulatory Affairs Coordinator jimmyc@forl.com Title and E-mail Address November 21, 2003 Date			
							
				¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief Date of Survey Signature and Seal of Professional Surveyor Certificate Number			