

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**Carlsbad Field Office**  
**OCD Artesia**

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

**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.*

5. Lease Serial No.  
NMNM911

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
SCR432

8. Well Name and No.  
EL PASO FEDERAL 7F

9. API Well No.  
30-015-23902-00-S1

10. Field and Pool or Exploratory Area  
AVALON-DELAWARE

11. County or Parish, State  
EDDY COUNTY, NM

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
FASKEN OIL & RANCH LIMITED  
Contact: ADDISON GUELKER  
E-Mail: addisong@forl.com

3a. Address  
6101 HOLIDAY HILL ROAD  
MIDLAND, TX 79707

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 2 T21S R26E Lot 6

**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 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"/> Hydraulic Fracturing	<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 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 recomplete 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.

Fasken Oil and Ranch, Ltd. plans to plug back the above well to the Atoka. If the Atoka is unsuccessful, we then will try the Penn. Please see attached procedures and current and proposed wellbore diagrams.

RECEIVED

*GC 5-24-18*  
Accepted for record - NMOCD

MAY 23 2018

DISTRICT II-ARTESIA O.C.D.

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

**Electronic Submission #411431 verified by the BLM Well Information System  
For FASKEN OIL & RANCH LIMITED, sent to the Carlsbad  
Committed to AFMSS for processing by PRISCILLA PEREZ on 04/12/2018 (18PP1512SE)**

Name (Printed/Typed) ADDISON GUELKER Title REGULATORY ANALYST

Signature (Electronic Submission) Date 04/12/2018

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By /s/ Jonathon Shepard Title PETROLEUM ENGINEER Date 5/14/2018

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 CFO

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)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

**Recompletion Procedure  
EL PASO FEDERAL No. 7**

<b>OBJECTIVE:</b>	Plug Back to Atoka or Penn
<b>WELL DATA:</b>	
13-3/8" 54.5# H-40 casing:	Set at 394', cement circ.
8-5/8" 24& 32# J-55 casing:	Set at 2992' cement circ.
4-1/2" 11.6 & 13.5# N-80 casing:	Set at 11,190 DV @ 6880' (circ cmt thru DV), TOC @ 3420' by temp survey. Note: 11.6# 10,032' to surface. Short Joint 5.80' (10625.81'-10631.61')
<b>Perfs:</b>	Active 10,713'-22' (19h), 10,758'-66' (17h), 10,771'-77' (13h), 10828'-32' (18h) CIBP 10,860'; Inactive perfs 10882'-88' (4h), 10892'-98' (4h), 10903, 04', 06', 10924'-40' (9h). CIBP 10942' and 10948' Inactive perfs 10950'-68' (9h), 10988'-992' (3h)
<b>Tubing:</b>	Last pull rpt 12-26-07: 3/8" tbg collar (0.38'), 4-1/2"x2-3/8" Arrowset IX pkr (7.26'), 340jts 2-3/8" 4.7#/ft EUR 8rd N80 tbg with AB modified cplgs (10,630.92'), Pkr 10,645.92' KB, EOT 10,653.56' KB..
<b>KB:</b>	15'
<b>TD:</b>	11,191'
<b>PBTD:</b>	10,860' CIBP

1. Obtain BLM sundry approval and pit permits. Test mast anchors. Set rig mats, pipe racks and catwalk. Set test tank and lay flowline.
2. RUPU. Open well to test tank and bleed down pressure.
3. RU pump truck and kill well with 40 bbls 2% kcl water and clay stabilizer.
4. NDWH, NU 5000 psi BOP.
5. Release Arrowset 1X packer.
6. POW visually inspecting 340 jts 2-3/8" 4.7# EUE 8rd N-80 tbg (10,630.92'), 1- 4-1/2"x2-3/8" Arrowset 1X pkr (7.26'), 1-2-3/8" tbg collar (0.38').
7. RUWL with 3000 psi lubricator and grease. No gauge ring run required if the packer pulls through with no drag. RIW and set 4-1/2" 13.5#/ft CIBP at 10,663'. Spot 35' (3 sx) class "H" cement with dump bailer on CIBP at 10,663' for PBTD +/-10,628'. Check correlation to short joint 5.80' at 10,625.81'-31.61' csg tally).
8. RIW with 4' x2-3/8" EUE 8rd N-80 tubing sub, Arrowset IX 10k packer, TOSSD with 1.81" "F" profile nipple, and 2-3/8" EUE 8rd N-80 tubing to +/- 10,000' while testing tubing to 7000 psi above slips.
9. Set packer and disengage TOSSD. RU pump truck and reverse circulate 110 bbls 2% kcl water with packer fluid and clay stabilizer. Engage TOSSD. Test tubing/casing annulus to 1000 psi.
10. ND BOP. NUWH, setting packer in 20 points compression @ +/-10,000'.

11. Swab tubing fluid level to 9,500'.
12. RUWL with 3000 psi lubricator and grease. Perforate Atoka formation with 1-11/16" strip gun from bottom zone to top as follows:

10,527'-34'	(8h, 1jspf, 0.21 EHD)
10,434'-48'	(15h, 1jspf, 0.21 EHD)
10,130'-38'	(9h, 1jspf, 0.21 EHD)
10,076'-80'	(5h, 1jspf, 0.21 EHD)

37 total holes by Schlumberger Compensated Neutron – Formation Density log dated 15-Oct-1981. POW, make sure all shots fired, and RDWL. (Note: the correlation log Perfojet Services Radioactivity Log dated 10-27-81 is 1' shallow to the open hole log; Ex OH log depth 10,534' = Corr Log depth 10,533').

13. Flow well to test tank and evaluate.

**Recomplete to Penn**

14. If Atoka is non-commercial RU pump truck and kill well with 40 bbls 2% kcl water and clay stabilizer.
15. NDWH, NU 5000 psi BOP.
16. Release Arrowset 1X packer at +/-10,000'.
17. POW visually inspecting +/-319 jts 2-3/8" 4.7# EUE 8rd N-80 tbg (10,630.92'), TOSSD with 1.875" PN (1.50'), 1- 4-1/2"x2-3/8" Arrowset1X pkr (7.26'), 1-2-3/8" tbg collar (0.38').
18. RUWL with 3000 psi lubricator and grease. No gauge ring run required if the packer pulls through with no drag. RIW and set 4-1/2" (Note: top of 11.6#/ft at 10,032 csg tally) CIBP at 10,026'. Spot 35' (3 sx) class "H" cement with dump bailer on CIBP at 10,026' for PBTD +/-9,991'.
19. RIW with 4' x2-3/8" EUE 8rd N-80 tubing sub, Arrowset IX 10k packer, TOSSD with 1.81" "F" profile nipple, and 2-3/8" EUE 8rd N-80 tubing to +/- 9,360' while testing tubing to 7000 psi above slips.
20. Set packer and disengage TOSSD. RU pump truck and reverse circulate 110 bbls 2% kcl water with packer fluid and clay stabilizer.
21. ND BOP. NUWH, setting packer in 18 points compression @ +/-9,360'.
22. Swab tubing fluid level to 8,500'.
23. RUWL with 3000 psi lubricator and grease. Perforate Penn formation with 1-11/16" strip gun from bottom zone to top as follows:

9,494' – 9,500'	(13h, 2jspf, 0.21 EHD)
9,486' – 88'	(5h, 2jspf, 0.21 EHD)
9,418' – 22'	(9h, 2jspf, 0.21 EHD)

27 total holes by Schlumberger Compensated Neutron – Formation Density log dated 15-Oct-1981. POW, make sure all shots fired, and RDWL. (Note: the correlation log Perfojet Services Radioactivity Log dated 10-27-81 is 1' shallow to the open hole log; Ex OH log depth 9,418' = Corr Log depth 9,417').

24. Flow well to test tank and evaluate.

25. RU pumping service. Install tree saver. Trap 500 psi on annulus. Acidize Penn perms 9,418'-9,500' via 2-3/8" tubing with 1500 gal 15% HCL NEFE acid, dropping 54-7/8" RCN ball sealers evenly spaced after the first 250 gallons. Flush with 2% KCL water with clay stabilizer and oxygen scavenger. Rate 4-6 bpm at max pressure 7000 psi. RD stimulation company and tree saver.
26. Flow back acid and swab load water to steel test tank and evaluate.
27. RDPU.
28. Return well to sales.

4-9-18

Well: **El Paso Federal No. 7**

Current as of 12-27-07

Operator: **Fasken Oil and Ranch, Ltd.**

GL: 3202.2'

Location: 1582' FNL and 1991' FWL

KB: 3219'

Sec 2, T21S, R26E  
Eddy County, NM

Compl.: 10/20/1981 released rig

API #: 30-015-23902

TD: 11,191'

PBTD: CIBP @ 10860' (11-12-84)

CIBP @ 10,942' (2-84)

CIBP @ 10,948' (2-84)

Casing: 13-3/8" 54.5# H-40 @ 394'

w/350sx Halliburton Lite + 100 sx"C" +2% CaCl2

TOC surf, w/9 cuyds ready mix

8-5/8" 24&32# J-55 @ 2992' KB

w/1000sx Howco Lite+300sx Thickset+ 160sx"C" w/ 2% CaCl2

TOC surf, Circ 130 sx

4-1/2" 11.6&13.5# N-80 @ 11,190'

(11.6# 10032' to surface)

1st stg 550sx Trinity Lite+850 sx "H", 334 sx thru DV

DV: 6880'

2nd stg 1100sx Trinity Lite+200 sx "C"

TOC 4-1/2" 3420' by Temp

Tubing:

1- 2-3/8" tbg collar 0.38

1- 4-1/2"x2-3/8" Arrowset1X pkr 7.26

340jts 2-3/8" 4.7# EUE 8rd N80 tbg,AB cj 10630.92

10638.56

Below KB' 15.00

EOT 10653.56

Morrow

10713'-22' (19h, 2jspf, 1-18-85)

10758'-66' (17h, 2jspf, 1-18-85)

10771'-77' (13h, 2jspf, 1-18-85)

10828'-32' (18h, 11-15-84)

CIBP @ 10860' (11-12-84)

10882'-88' (4 jspf, 1jsp2f)

10892'-98' (4 jspf, 1jsp2f)

10903',04',06' (3h)

10924'-40' (9h, 1jsp2f)

CIBP @ 10,942' (2-84)

CIBP @ 10,948' (2-84)

10950'-68' (10h, 1jsp2f)

10988'-92' (3h, 1jsp2f)

(23 ft, 48 h)

DV: 6880'

Pkr 10,645.92'

4-1/2" Marker Jt:

5.80' (10625.81'-10631.61')

10713'-22'

10758'-66'

10771'-77'

10828'-32'

CIBP @ 10860' (11-12-84)

10882'-10940'

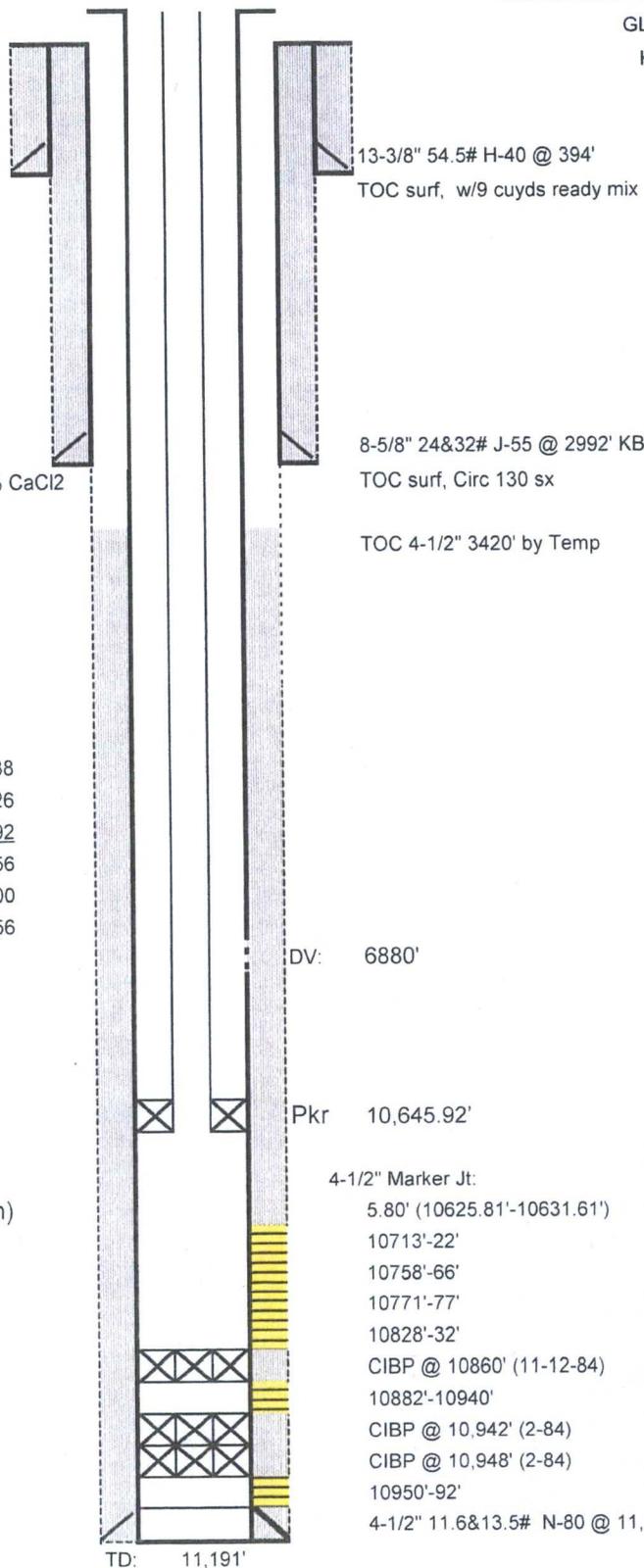
CIBP @ 10,942' (2-84)

CIBP @ 10,948' (2-84)

10950'-92'

4-1/2" 11.6&13.5# N-80 @ 11,190'

TD: 11,191'



Hole Sizes 17-1/2" 394', 12-1/4" 2960', 7-7/8" 11,191'

Well: El Paso Federal No. 7

Operator: Fasken Oil and Ranch, Ltd.

Location: 1582' FNL and 1991' FWL

Sec 2, T21S, R26E

Eddy County, NM

Compl.: 10/20/1981 released rig

API #: 30-015-23902

TD: 11,191'

PBTD: Prop: +/-10,628': CIBP @ 10663' w/35' "H" cmt (3sx)

Casing: 13-3/8" 54.5# H-40 @ 394'

w/350sx Halliburton Lite + 100 sx"C" +2% CaCl2

TOC surf, w/9 cuyds ready mix

8-5/8" 24&32# J-55 @ 2992' KB

w/1000sx Howco Lite+300sx Thickset+ 160sx"C" w/ 2% CaCl2

TOC surf, Circ 130 sx

4-1/2" 11.6&13.5# N-80 @ 11,190'

(11.6# 10032' to surface); SJ 5.80' (10625.81'-10631.61')

1st stg 550sx Trinity Lite+850 sx "H", 334 sx thru DV

DV: 6880'

2nd stg 1100sx Trinity Lite+200 sx "C"

TOC 4-1/2" 3420' by Temp

**Proposed**

**Tubing:** 1- 2-3/8" tbg collar

**AJL:** 4-1/2"x2-3/8" AS1X pkr with TOSSD

31.3 with 1.875" "F" profile

320jts 2-3/8" 4.7# EUE 8rd N80 tbg,AB

Below KB'

EOT

**Proposed:**

**Atoka** 10,076-80' (1jspf, 5h)

10,130-138' (1jspf, 15h)

10,434'-448' (1jspf, 9h)

10,527'-534' (1jspf, 8h)

**Morrow**

**CIBP** 10,663' w/ 3sx (35)' "H" cmt

10713'-22' (19h, 2jspf, 1-18-85)

10758'-66' (17h, 2jspf, 1-18-85)

10771'-77' (13h, 2jspf, 1-18-85)

10828'-32' (18h, 11-15-84)

CIBP @ 10860' (11-12-84)

10882'-88' (4 jspf, 1jspf2f)

10892'-98' (4 jspf, 1jspf2f)

10903',04',06' (3h)

10924'-40' (9h, 1jspf2f)

CIBP @ 10,942' (2-84)

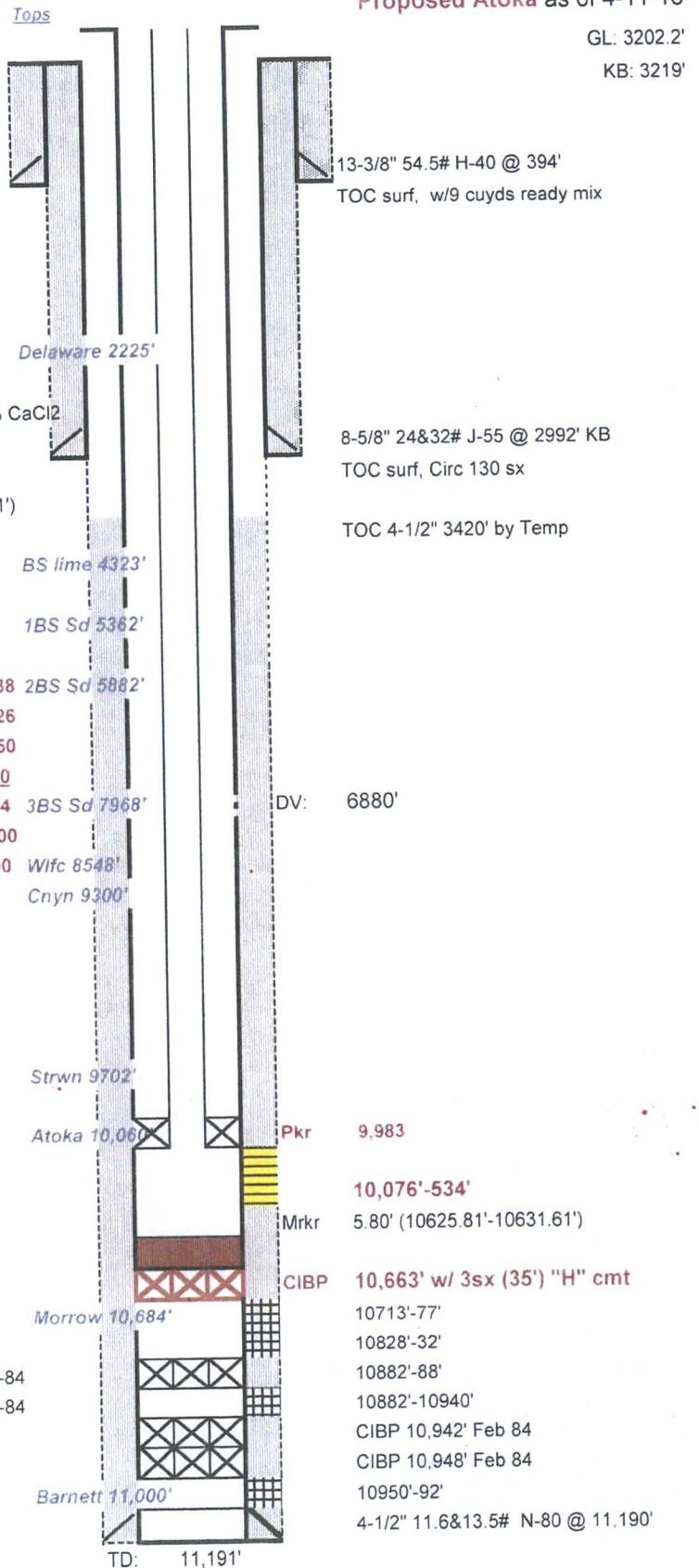
CIBP @ 10,948' (2-84)

10950'-68' (10h, 1jspf2f)

10988'-92' (3h, 1jspf2f)

Hole Sizes 17-1/2" 394', 12-1/4" 2960'; 7-7/8" 11,191'

Staus: SI Agreed Cor 11,191'



GL: 3202.2'

KB: 3219'

13-3/8" 54.5# H-40 @ 394'  
TOC surf, w/9 cuyds ready mix

8-5/8" 24&32# J-55 @ 2992' KB  
TOC surf, Circ 130 sx

TOC 4-1/2" 3420' by Temp

DV: 6880'

Pkr 9,983

10,076'-534'

Mrkr 5.80' (10625.81'-10631.61')

CIBP 10,663' w/ 3sx (35)' "H" cmt

10713'-77'

10828'-32'

10882'-88'

10882'-10940'

CIBP 10,942' Feb 84

CIBP 10,948' Feb 84

10950'-92'

4-1/2" 11.6&13.5# N-80 @ 11,190'

TD: 11,191'

Well: El Paso Federal No. 7

Operator: Fasken Oil and Ranch, Ltd.

Location: 1582' FNL and 1991' FWL

Sec 2, T21S, R26E

Eddy County, NM

Compl.: 10/20/1981 released rig

API #: 30-015-23902

TD: 11,191'

PBTD: Prop: +/-9,991': CIBP @ 10,026' w/35' "H" cmt (3sx)

Casing: 13-3/8" 54.5# H-40 @ 394'

w/350sx Halliburton Lite + 100 sx"C" +2% CaCl2

TOC surf, w/9 cuyds ready mix

8-5/8" 24&32# J-55 @ 2992' KB

w/1000sx Howco Lite+300sx Thickset+ 160sx"C" w/ 2% CaCl2

TOC surf, Circ 130 sx

4-1/2" 11.6&13.5# N-80 @ 11,190'

(11.6# 10032' to surface); SJ 5.80' (10625.81'-10631.61')

1st stg 550sx Trinity Lite+850 sx "H" 334 sx thru DV

DV: 6880'

2nd stg 1100sx Trinity Lite+200 sx "C"

TOC 4-1/2" 3420' by Temp

**Proposed**

**Tubing:** 1- 2-3/8" tbg collar

**AJL:** 4-1/2"x2-3/8" AS1X pkr with TOSSD

31.3 with 1.875" "F" profile

299jts 2-3/8" 4.7# EUE 8rd N80 tbg, AB

Below KB'

EOT

**Proposed:**

**Penn** 9,418'-22' (2jspf, 9h)

9,486'-88' (2jspf, 5h)

9494'-9500' (2jspf, 13h)

**CIBP** 10,026' w/ 3sx (35') "H" cmt

**Atoka** 10,076-80', 10,130-138', 10,434'-448', 10,527'-5334'

**CIBP** 10,663' w/ 2sx (26') "H" cmt

**Morrow** 10713'-22' (19h, 2jspf, 1-18-85)

10758'-66' (17h, 2jspf, 1-18-85)

10771'-77' (13h, 2jspf, 1-18-85)

10828'-32' (18h, 11-15-84)

CIBP @ 10860' (11-12-84)

10882'-88' (4 jspf, 1jspf)

10892'-98' (4 jspf, 1jspf)

10903'.04'.06' (3h)

10924'-40' (9h, 1jspf)

CIBP @ 10,942' (2-84)

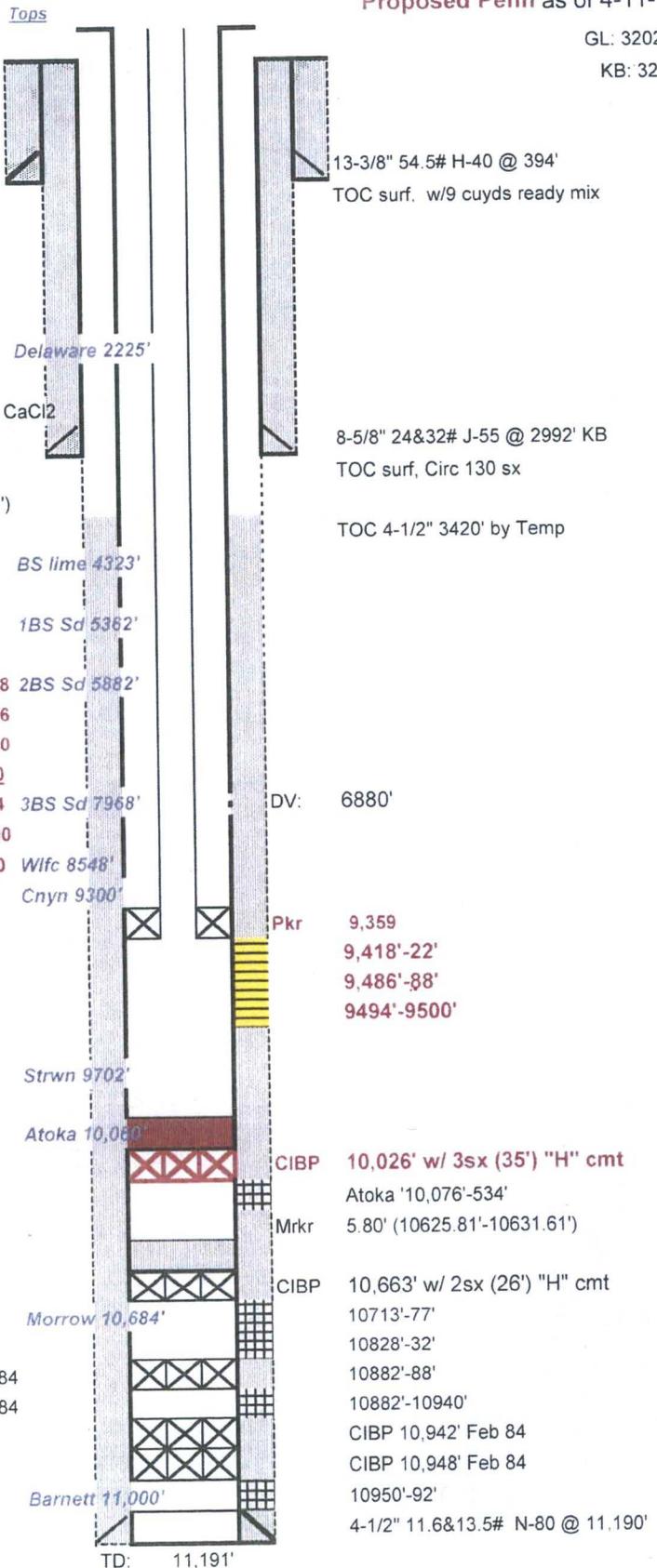
CIBP @ 10,948' (2-84)

10950'-68' (10h, 1jspf)

10988'-92' (3h, 1jspf)

Hole Sizes 17-1/2" 394', 12-1/4" 2960'; 7-7/8" 11,191'

Status: SI Agreed Cor 11,191'



GL: 3202.2'

KB: 3219'

13-3/8" 54.5# H-40 @ 394'  
TOC surf. w/9 cuyds ready mix

8-5/8" 24&32# J-55 @ 2992' KB  
TOC surf, Circ 130 sx

TOC 4-1/2" 3420' by Temp

Delaware 2225'

BS lime 4323'

1BS Sd 5362'

0.38 2BS Sd 5882'

7.26

1.50

9,350.00

9,359.14

15.00

9,367.00

Cnyn 9300'

Strwn 9702'

Atoka 10,060'

Morrow 10,684'

Barnett 11,000'

DV: 6880'

Pkr 9,359

9,418'-22'

9,486'-88'

9494'-9500'

CIBP 10,026' w/ 3sx (35') "H" cmt

Atoka '10,076'-534'

Mrkr 5.80' (10625.81'-10631.61')

CIBP 10,663' w/ 2sx (26') "H" cmt

10713'-77'

10828'-32'

10882'-88'

10882'-10940'

CIBP 10,942' Feb 84

CIBP 10,948' Feb 84

10950'-92'

4-1/2" 11.6&13.5# N-80 @ 11,190'

TD: 11,191'

## BUREAU OF LAND MANAGEMENT

Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220  
575-234-5972

### Permanent Abandonment of Production Zone Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plug back operations shall commence within **ninety (90)** days from this approval. **If you are unable to plug back the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged back. Failure to do so will result in enforcement action.**

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plug back operations. For wells in Eddy County, call 575-361-2822. For wells in Lea County, call 575-393-3612

3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of **brine** water. Minimum nine (9) pounds per gallon.

5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours. In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. **Before pumping cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.** Unless otherwise specified in the approved procedure, the cement plug shall consist of either **Neat Class "C"**, for up to 7,500 feet of depth or **Neat Class "H"**, for deeper than 7,500 feet plugs.

6. **Subsequent Plug back Reporting:** Within 30 days after plug back work is completed, file one original and three copies of the Subsequent Report, Form 3160-5 to BLM. The report should give in detail the manner in which the plug back work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date work was completed.** If plugging back to a new zone submit a Completion Report, form 3160-4 with the Subsequent Report.

7. **Trash:** All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

8. **If well location is within the Timing Limitation Stipulation Area for Lesser Prairie-Chicken:**

From March 1<sup>st</sup> through June 15<sup>th</sup> annually, abandonment activities will be allowed except between the hours from 3:00 am and 9:00 am. Normal vehicle use on existing roads will not be restricted