

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.
NMNM1372

6. If Indian, Allottee or Tribe Name

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

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

8. Well Name and No.
JOHNSTON 9 1K

9. API Well No.
30-015-20677-00-S1

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

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

10. Field and Pool or Exploratory Area
BOYD

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 9 T19S R25E NESW 1980FSL 1980FWL

11. County or Parish, State
EDDY COUNTY, NM

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"/> 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 checked="" 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.

Fasken Oil and Ranch, Ltd. plans to plug and abandon the above well. A few days ago, i submitted a sundry to plug and abandon the well. We have since revised the procedure and diagrams. Please see attached updated procedure and current/proposed wellbore diagrams.

GC 7/24/19
Accepted for record - NMOCD

RECEIVED

JUL 23 2019

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

DISTRICT/ARTESIA/OCD

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

Electronic Submission #463861 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 05/03/2019 (19PP1892SE)

Name (Printed/Typed) ADDISON GUELKER Title REGULATORY ANALYST

Signature (Electronic Submission) Date 05/02/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By James R. [Signature] Title SAET Date 5-12-19

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 **

**Johnston "9" Federal No. 1
1980' FSL & 1980' FWL
Sec 9, T19S R25E**

OBJECTIVE:		Plug and Abandon
WELL DATA:		
API Number		30-015-20677
13-3/8" 48#/ft H-40 casing		Set at 415' KB Cmt w/300sx Howco Lite w/2% CaCl ₂ 1/2# Flocele (12.8ppg) + 100sx Inco neat w/2% CaCl ₂ (14.8 ppg) Circulated 68bbbl
8-5/8" 24#/ft J&K55 casing		Set at 1100' 38" KB Cmt w/400sx Howco Lite w/2% CaCl ₂ 1/2# Flocele (12.7ppg) + 200sx Inco neat w/2% CaCl ₂ (14.8 ppg) plus Pmpd 650 sx Class "C" w/2% CaCl ₂ (14.8ppg) down annulus in 4 stages TOC surface
4-1/2" 10.5&11.6# J55&N80 csng		Set at 9319' w/450 sx Class "C" w/7.6#/sx salt 1% Halad9 (15.2ppg) TOC 6890' by temp survey
	Perfs:	July 1972: 9,027-43' (1spf SG 17h), 9,043-72' (1spf SG 30h), 9,072-92' (1spf SG 21h) Total 68 holes Proposed: 9,112-20' (1spf SG 9h)
	Tubing & Packer:	9-18-92 pull rpt. Otis Perma-Lach pkr (5.30') w/Otis TOSSD w/ 1.791" N PN (1.24') ran 1.91" gauge ring 9-15-92 275 jts 2-3/8" EUE 8rd 4.7#/ft N-80 tubing (8,654.79'), 1- 2-3/8" EUE 8rd 4' sub (3.66') EOT 8,680.59' KB Top Pkr @ 8,674.19' KB 9-6-18 set 1 187' Reported should be 1 87' F blanking plug in PN at 8673' 9-10-18 Set bg CIBP 8630 perf'd tubing 2 holes 0 40' EHD at 8620'
	KB	3543' 16' above GL
	TD	9,320'
	PBTD	9,252' (Float collar)

1. Notify BLM in Carlsbad @ 575-361-2822 of intent to plug and abandon 24 hours prior to rigging up on well.
2. Make sure mast anchors have been tested and tagged in last 24 months.
3. RUPU, set rig mats, cat walk, 2 sets pipe racks and a half-frac workover tank on location.
4. Lay flow line to workover tank. Receive +/-400' 2-3/8" EUE 8rd 4.7#/ft N80 workstring tubing.
5. Bleed tubing pressure and casing pressure (if any) to tank.
6. RU pump truck and circulate well through tubing perfs 8620' with 120 bbls 9.5#/gal brine water.
7. ND wellhead and NU BOP with 2-3/8" pipe rams and blind rams.
8. Release Otis Perma-Lach packer at 8668' and POW with 1- 2-3/8" EUE 8rd 4' sub (3.66'), 275 jts 2-3/8" EUE 8rd 4.7#/ft N-80 tubing (8,654.79'), Otis TOSSD with "N" PN (1.24'), Otis Perma-Lach packer 5.30'), 2-3/8" SN (1.1').
9. RUWL and 3000 psi lubricator. RIW with 3.75" gauge ring to 9,000'. Run 4-1/2" 11.6# CIBP and set at 8,980'. Correlate to Schlumberger Perforating Depth Control GR/CCL 7-15-1972.
10. RU pump truck and test casing and CIBP to 500 psi. RDWL.
11. RIW with 2-3/8" notched collar, 2-3/8" SN, 2-3/8" EUE 8rd 4.7#/ft N80 tubing and +/-400' 2-3/8" EUE 8rd 4.7#/ft N80 workstring tubing to CIBP at 8980'.
12. RU cement pump, mix and pump via tubing 100 bbls 9.5# salt gel mud with a minimum of 12.5 pounds of gel per barrel (or 25 sacks at 50 LB/sack per 100 bbls). Displace all cement plugs with mud laden brine water.
13. **Plug #1 (bottom plug):** Mix and spot 25 sx Class H cement from 8,980'-8,673' and displace with 9.5#/gal salt gel mud. POW and WOC 4 hrs. RIW with tubing and **TAG** cement plug; notify Midland Office and BLM of the results.

14. POW with 2-3/8" workstring and tubing to 7,300' laying down +/-400' of workstring and +/-1250' of tubing.
15. **Plug #2:** Mix and spot 30 sx Class C cement from 7,300'-6,935' and displace with 9.5#/gal salt gel mud. POW and WOC 4 hrs.
16. POW with 2-3/8" tubing laying down +/-1400' of tubing.
17. RIW with 4-1/2" HD packer, SN, 2-3/8" EUE 8rd N80 tubing and set packer at +/-5,600'.
18. RUWL and 3000 psi lubricator. RIW with 1-11/16" strip gun and perforate 4 squeeze holes at 5,850'. *5900*
RDWL.
19. **Plug #3:** Open 4-1/2" x 8-5/8" casing to pit. Squeeze perfs at ~~5,850'~~ *5900* with 40 sx Class "C" cement, displacing cement with 9.5 ppg gel laden mud to ~~5,690'~~ *5740* or above. *WOC Tag.*
20. Release packer and POW and laying down +/-2100' tubing; set packer at +/-3500'.
21. RUWL and 3000 psi lubricator. RIW with 1-11/16" strip gun and perforate 4 squeeze holes at 3,750'.
RDWL.
22. **Plug #4:** Open 4-1/2" x 8-5/8" casing to pit. Squeeze perfs at 3,750' with 40 sx Class "C" cement, displacing cement with 9.5 ppg gel laden mud to 3,590' or above. WOC 4 hours. Release packer, RIW with tubing and **TAG** cement plug at or above 3590' and notify Midland Office and BLM of the results.
23. Release packer and POW laying down +/-2500' tubing. Laydown 4-1/2" HD packer. *Add Plug (Glorietta). Perf @ 2670, SQZ cnt to 2540. WOC Tag.*
24. RIW with 4-1/2" AD-1 tension packer, SN, 2-3/8" EUE 8rd N80 tubing and set packer at +/-850'.
25. RUWL and 3000 psi lubricator. RIW with 1-11/16" strip gun and perforate 4 squeeze holes at 1,200'.
RDWL.
26. **Plug #5:** (8-5/8" shoe plug): Open 4-1/2" x 8-5/8" casing to pit. Squeeze perfs at 1,200' with 60 sx Class "C" cement, displacing cement with 9.5 ppg gel laden mud to 988' or above. WOC 4 hours. Release packer RIW with tubing and **TAG** cement plug at or above 988' and notify Midland Office and BLM of the results.
27. Release packer and POW and laying down +/-600' tubing; set packer at 10' from surface.
28. RUWL and 3000 psi lubricator. RIW with 1-11/16" strip gun and perforate 4 squeeze holes at 515'.
RDWL.
29. **Plug #6** (13-3/8" shoe plug): Open 4-1/2" x 8-5/8" casing to pit. Squeeze perfs at 515' with 50 sx Class "C" cement, displacing cement with 9.5 ppg gel laden mud to 315' or above. WOC 4 hours.
30. RUWL and 3000 psi lubricator. RIW with 1.5" gauge ring and **TAG** cement plug at or above 315' and notify Midland Office and BLM of the results. RIW with 1-11/16" strip gun and perforate 4 squeeze holes at 60'.
31. **Plug #7:** Open 4-1/2" x 8-5/8" casing to pit. Squeeze perfs at 60' with 15 sx Class "C" cement to surface.
32. Dig out wellheads and cut-off below "A" section.
33. Weld plate onto casing with marker joint with the following information. Fasken Oil & Ranch Ltd., Johnston 9 Federal No. 1, Section 9, T19S, R25E, 1980' FSL and 1980' FWL, Unit K.
34. Install 1" 2000 psi valve welded into top of marker joint. Remove valve handle and close valve.
35. Send wellheads to Downing Wellhead in Midland. Clean location, RDPU and release all rental equipment.

4-25-19

Well: **Johnston 9 Federal No. 1**
 Operator: **Fasken Oil and Ranch, Ltd.**
 Location: 1980' FSL and 1980' FWL
 Sec 9. T19S, R25E Eddy County, NM
 Spudded: 6/10/1972
 API #: 30-015-20677 WI: 0.522906
 TD: 9.320 NRI: 0.448403
 PBDT: 9.252 (Float Collar) San Andres 735'

Current 7/15/92
 kb 16'
 17 1/4"

Casing:
 13-3/8" 48# H-40 ST&C @ 415'

w/300sx Haliburton light w/2%CaCl2, 1/2# Flocele (12.8ppg)+
 100sx Incor neat w/2% CaCl2 (14.8 ppg)

Circulated 66bbbl.

8-5/8" 24# J-55 & K-55 ST&C 8rd thd @ 1100'

w/400sx Howco-Lite w/2%CaCl2, 1/2# Flocele (12.7ppg)
 +200sx Incor neat w/2% CaCl2 (14.8 ppg) plus Pmpd 650
 sx Class "C" w/2% CaCl2 (14.8ppg) down annulus in 4
 stages. TOC surface.

4-1/2" 10.5&11.6# N-80&J-55 @ 9,319'

450 sx Class "C" w/7.6#/sx salt, 1% Halad9.(15.2ppg)

TOC: TOC 6890' by Temp survey Bone Spring 3734'

TBG:

7/15/1992	SN	1.1	Wolfcamp 5850'
	Otis Perma-latch pkr		5.3
	Otis TOSSD rpl '92 ("N" PN)		1.24
	275jt 2-3/8" EUE 8rd 4.7# N80 tbg		8654.79
	1- 2-3/8" EUE 8rd 4' sub		3.66
	Total		8666.09
	KB		14.5
	EOT		8680.59

Cisco 7015'
 Penn 7300'
 Canyon 7643'

9/6/2018 Set Blanking Plug in N PN 8673'
 9/10/2018 Set tbg CIBP & Perf'd tbg/w 2x(.40" holes)

Perforations

Jul-72	9027'-43'
	9043'-72'
	9072'-92'

Morrow
 Atoka 8827'
 Morrow 8985'

Hole Sizes:

17-1/2" 415'
12-1/4" 415'-1146'
7-7/8" 1146'-9320'

PBDT 9252

13-3/8" 48# @ 415' TOC surface ✓

12 1/4" Remedial cont from 860 T/S

8-5/8" 24# @ 1100' TOC surface

CB 273
 SA 735
 GI 2620
 7 7/8" hole BL 2760
 WL 5850
 Cisco 7015
 Penn 7300
 Can 7645
 AT 8827
 MR 8985
 Bas 9250
 TOC (temp survey) @ 6.890'
 Ch 9300

Perforated 2 3/8" tbg @ 8620'
 Tbg CIBP @ 8630'
 2 3/8" tbg @ 8.668'
 Packer @ 8.668'

Perf: 9027'-43' -
 Perf: 9043'-72' -
 Perf: 9072'-92' -

4-1/2" 11.6# @ 9,319' TOC 6890'

T/S

Well: **Johnston 9 Federal No. 1**

Operator: **Fasken Oil and Ranch, Ltd.**
 Location: 1980' FSL and 1980' FWL

Sec 9, T19S, R25E Eddy County, NM

Spudded: 6/10/1972

API #: 30-015-2067

TD: 9,320

PBTD: 9,252 (Float Collar)

WI: 0.522906

NRI: 0.448403

San Andres 735'

Casing:

13-3/8" 48# H-40 ST&C @ 415'

w/300sx Haliburton light w/2%CaCl2.1/2# Flocele
 (12.8ppg)+ 100sx Incor neat w/2% CaCl2 (14.8 ppg)
 Circulated 66bbl.

8-5/8" 24# J-55 & K-55 ST&C 8rd thd @ 1100'

w/400sx Howco-Lite w/2%CaCl2.1/2# Flocele (12.7ppg)
 +200sx Incor neat w/2% CaCl2 (14.8 ppg) plus Pmpd
 650 sx Class "C" w/2% CaCl2 (14.8ppg) down annulus
 in 4 stages. TOC surface.

4-1/2" 10.5&11.6# N-80&J-55 @ 9,319'

450 sx Class "C" w/7.6#/sx salt, 1% Halad9.(15.2ppg)

TOC: TOC 6890' by Temp survey

Proposed (4-25-19) Plugs

- 15 sx "C" 0-60' Plg #7, Surface
- 50sx"C" TA 515-315' Plg #6 Shoe,Perf & Sqz, TAG
- 60sx"C" TA 1200'-988' Plg #5 Shoe,Perf & Sqz, TAG
- 40sx"C" 3750'-3590' Plg #4, Perf & Sqz,TA Wolfcamp 5850'
- 40sx"C" 5850'-5690' Plg #3, Perf & Sqz
- 30 sx"C" 7300'-6935' Plg #2
- 25 sx"H"TA 8980'-8673' Plg #1, TAG
- CIBP 8980'

Perforations

- Jul-72 9027'-43' Morrow
- 9043'-72'
- 9072'-92'

Hole Sizes:

- 17-1/2" 415'
- 12-1/4" 415'-1146'
- 7-7/8" 1146'-9320'

Tops
 Grayburg 273'
 San Andres 735'

Glorieta 2620'
 Blinbry 2760'

Bone Spring 3734'

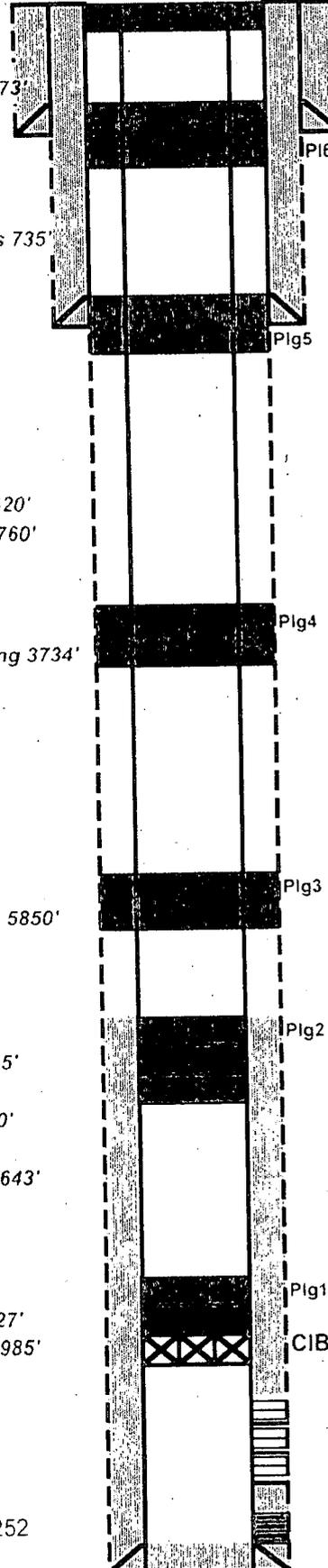
Cisco 7015'

Penn 7300'

Canyon 7643'

Atoka 8827'
 Morrow 8985'

PBTD 9252



kb 16'
 Plg7 15sx "C" 60'-0'
 13-3/8" 48# @ 415' TOC surface
 Plg6 50sx"C" TAG 515-315'
 8-5/8" 24# @ 1100' TOC surface
 Plg5 60sx"C" TAG 1200'-988'
 Plg4 40sx"C" 3750'-3590'
 Plg3 40sx"C" 5850'-5690'
 TOC (temp survey) @ 6,890'
 Plg2 30 sx"C" 7300'-6935'
 Plg1 25 sx"H"TAG 8980'-8673'
 CIBP
 Perf: 9027'-43'
 Perf: 9043'-72'
 Perf: 9072'-92'
 4-1/2" 11.6# @ 9,319' TOC 6890'

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Permanent Abandonment of Federal Wells
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. Plugging operations shall commence within ninety (90) days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

2. Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; 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. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. Before pumping or bailing 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. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10th day, the BLM is to be contacted with justification to receive an extension for completing the cut off.

The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement, unless otherwise noted in COA (requirements will be attached). The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging 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 well was plugged.

8. 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.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation objectives.