

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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.*

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

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit or CA/Agreement, Name and/or No. SW247
2. Name of Operator FASKEN OIL & RANCH LIMITED		8. Well Name and No. ROSS FEDERAL COM 1
Contact: ADDISON GUELKER E-Mail: addisong@forl.com		9. API Well No. 30-015-10502-00-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 CEMETERY
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 4 T21S R24E 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 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 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. recently submitted plans to plug and abandon the above well, with the possibility of recompleat to the Strawn depending on the TOC.

We decided to swab the Strawn zone, but our procedure for the recompleat has changed. Attached is the updated procedure.

RECEIVED

JUL 23 2010

*Previous COAs Apply*

14. I hereby certify that the foregoing is true and correct.		DISTRICT II-ARTESIA O.G.D.	
Electronic Submission #472869 verified by the BLM Well Information System For FASKEN OIL & RANCH LIMITED, sent to the Carlsbad Committed to AFSS for processing by PRISCILLA PEREZ on 07/11/2019 (19PP2777SE)			
Name (Printed/Typed)	ADDISON GUELKER	Title	REGULATORY ANALYST
Signature	(Electronic Submission)	Date	07/11/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By	<i>[Signature]</i>	Title	<i>Sup PE</i>	Date	<i>7/11/2010</i>
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	<i>CFO</i>		

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 \*\*

*RWP10-24-19*

**Ross Federal No. 1  
Plug and Abandon Procedure  
AFE 3851**

Objective:	Plug and Abandon – Change 6-28-19 to BLM COA 5-17-19 to test Strawn zone Changes in red
Operator:	Fasken Oil & Ranch, Ltd
Field:	Cemetery (Morrow)
County/St:	Eddy Co., NM
Loc:	1980' FSL & 1980' FWL Sec 4, T21S, R24E
KB:	11' above GL
Completed:	5-25-65
TD:	9815'
PBTD:	9540' CIBP w/1sx cmt, 9665' CIBP
Casing:	13-3/8" @ 300' w/300 sx, Circ to surf. 8-5/8" @ 3100' w/900 sx, Circ to surf. 4-1/2" 11.6#/ft @ 9814' w/200sx, TOC 8650' by Temp.
Perfs:	Original 2JSPF w/1 JSPF 1-11/16" strip gun 9625-35', 9606-19', 9590'-9600', 9548-59', 9494-98', 9481-88' (124holes). Reperfed all zones 10-1997 with 1JSPF (44 holes) Total current 168 holes. Yellow sd perfs 9494-98' (12h) & 9481'-88' (21h). Reperfed 9,481'-88' (9-3-04, 4 jspf 28 hrs 04.1" EHD).
Last Pull:	9-14-2017
Tubing:	2-3/8" notched collar (0.50'), 2-3/8" cup type SN (0.30'), 287 jts 2-3/8" EUE 8rd N-80 tubing (8,817')
Fluids	Well displaced with 2% Kcl Water containing biocide, clay stabilizer, O <sub>2</sub> scav, and inhibitor
PBTD:	9,385' CIBP @ 9420' w/3sx (35") "H" cement 9-13-17

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 +/-600' 2-3/8" EUE 8rd 4.7#/ft N80 workstring tubing.
5. Bleed tubing pressure and casing pressure (if any) to tank.
6. ND wellhead and NU BOP with 2-3/8" pipe rams and blind rams.
7. RIW with 2-3/8" EUE 8rd 4.7#/ft N80 tubing and +/-570' 2-3/8" EUE 8rd 4.7#/ft N80 workstring tubing to PBTD 9385'.
8. **Plug #1 (bottom plug):** Mix and spot 6 bbls 9.5# salt gel (12.5 lb gel per barrel) lead fluid followed by 30 sx Class H cement from 9,385'-9,020' and displace with 2% kcl water containing clay stabilizer, oxygen scavenger, and inhibitor. POW and WOC 4 hrs. RIW with tubing and **TAG** cement plug; notify Midland Office and BLM of the results.
9. POW with 2-3/8" workstring and tubing, laying down +/-570' of workstring and +/-500' of tubing.
10. RU pump truck with 2% kcl water containing clay stabilizer, oxygen scavenger, and inhibitor. Test casing to 500 psi.
11. RUWL and 3000 psi lubricator. RIW with Cement Bond/GR/CCL log 9020' to 7000' with 500 psi pressure on casing. If TOC is below 8630' perforate 4 squeeze hole at 8500' with 3-1/8" casing gun. RDWL. Proceed to P&A.
12. **CHANGE TO PROCEDURE through step 18 6-28-19.** TOC is above 8648' by CBL 6-28-19. Prepare to remedial squeeze, perforate and swab test the Strawn zone 8644'-53':
  - a. RUWL and perforate 4 squeeze hole at 8625' with 3-1/8" casing gun. RDWL.
  - b. RIW with 5-1/2" cement retainer on 2-3/8" workstring and set at 8600'.

*RUW 10-24-19*

- c. RU pump truck and pressure test tubing /casing annulus to 500 psi. Pull out of retainer and pressure test casing to 500 psi. Circulate well with fresh water containing oxygen scavenger.
  - d. Sting into retainer establish injection rate and pressure into squeeze perfs at 8625'.
  - e. RU cement pump. Open 4-1/2" x 8-5/8" casing to pit. Squeeze perfs at 8,625' with 100 sx Class "H" cement (brings cement to 8320' per BLM COA'5-17-19).
  - f. Sting out of cement retainer, reverse circulate until clear.
  - g. Drill out cement retainer with reverse unit, 4-3/4" bit, DC's, 2-3/8" 4.7#/ft EUE 8rd N-80 workstring. POW with BHA.
  - h. RIW w/ 5-1/2" x 2-3/8" Arrowset 1 10K packer, SN, 2-3/8" EUE 8rd N-80 tubing. Set packer at 8600'.
  - i. ND BOP. NUWH.
  - j. RUWL and 3000 psi lubricator. Perforate Strawn zone 8644'-53' with 1-11/16" strip gun with 1 JSPF 60 degree spacing, total 10 holes. RDWL.
  - k. Flow and swab well; evaluate fluid entry.
  - l. If Strawn zone is non-commercial, kill well with 40 bbls 2% kcl water containing clay stabilizer, oxygen scavenger, and inhibitor. Release packer, POW with tubing and lay down BHA.
  - m. RUWL and 3000 psi lubricator. Run 5-1/2" CIBP and set at 8600'.RDWL
13. RIW with 2-3/8" notched collar, SN, 2-3/8" EUE 8rd 4.7#/ft N-80 tubing to CIBP 8600'.
  14. RU cement pump and mix and pump one load (+/-120 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).
  15. Displace all cement plugs with mud laden brine water.
  16. **Plug #2:** Mix and spot 30 sx Class H cement from 8600'-8235'. WOC 4 hours. RIW with tubing and **TAG** cement plug @ or above **8320'** or above and notify Midland Office and BLM of the results.
  17. POW laying down +/-1500' tubing, SN. RIW with 4-1/2" HD packer, SN, 2-3/8" EUE 8rd N80 tubing and set packer at +/-6400'.
  18. RUWL and 3000 psi lubricator. RIW with 1-11/16" strip gun and perforate 4 squeeze holes at 6,750'. RDWL.
  19. **Plug #3:** Open 4-1/2" x 8-5/8" casing to pit. Squeeze perfs at 6,750' with 40 sx Class "C" cement, displacing cement with 9.5 ppg gel laden mud to **6,600'** or above. WOC 4 hours. Release packer RIW with tubing and **TAG** cement plug @ or above **6,600'** or above and notify Midland Office and BLM of the results.
  20. POW laying down +/-3550' tubing, SN, HD packer.
  21. **NOTE:** Plug #4 eliminated; "Optional" per BLM COA.
  22. RIW with 4-1/2" AD-1 tension packer, SN, 2-3/8" EUE 8rd N80 tubing and set packer at +/-2,800'.
  23. RUWL and 3000 psi lubricator. RIW with 1-11/16" strip gun and perforate 4 squeeze holes at 3,200'. RDWL.
  24. **Plug #5: (8-5/8" shoe plug):** Open 4-1/2" x 8-5/8" casing to pit. Squeeze perfs at 3,200' with 60 sx Class "C" cement, displacing cement with 9.5 ppg gel laden mud to 2,988' or above. WOC 4 hours. Release packer RIW with tubing and **TAG** cement plug @ or above 2,988' and notify Midland Office and BLM of the results.

25. POW laying down +/-650' tubing. Set 4-12" AD-1 packer at +/-**2,547'**.
26. RUWL and 3000 psi lubricator. RIW with 1-11/16" strip gun and perforate 4 squeeze holes at **2,547'**. RDWL.
27. **Plug #5A: (added per BLM COA):** Open 4-1/2" x 8-5/8" casing to pit. Squeeze perfs at **2,547'** with 40 sx Class "C" cement, displacing cement with 9.5 ppg gel laden mud to **2,426'** or above. WOC 4 hours. Release packer RIW with tubing and **TAG** cement plug @ or above **2,426'** and notify Midland Office and BLM of the results.
28. POW laying down +/-1,600' tubing. Set 4-12" AD-1 packer at +/-**750'**.
29. RUWL and 3000 psi lubricator. RIW with 1-11/16" strip gun and perforate 4 squeeze holes at **935'**. RDWL.
30. **Plug #6:** Open 4-1/2" x 8-5/8" casing to pit. Squeeze perfs at **935'** with 30 sx Class "C" cement, displacing cement with 9.5 ppg gel laden mud to **835'** or above. WOC 4 hours. Release packer RIW with tubing and **TAG** cement plug @ or above **835'** and notify Midland Office and BLM of the results.
31. POW laying down +/-550' of tubing. Set 4-12" AD-1 packer at 10'.
32. RUWL and 3000 psi lubricator. RIW with 1-11/16" strip gun and perforate 4 squeeze holes at **350'**. RDWL.
33. **Plug #7 (13-3/8" shoe plug):** Open 4-1/2" x 8-5/8" casing to pit. Squeeze perfs at **350'** with 50 sx Class "C" cement, displacing cement with 9.5 ppg gel laden mud to 200' or above. WOC 4 hours. Release packer RIW with tubing and **TAG** cement plug @ or above 200' and notify Midland Office and BLM of the results.
34. Reset packer at 10' FS.
35. RUWL and 3000 psi lubricator. RIW with 1-11/16" strip gun and perforate 4 squeeze holes at **60'**. RDWL.
36. **Plug #8:** Open 4-1/2" x 8-5/8" casing to pit. Squeeze perfs at **60'** with 15 sx Class "C" cement to surface.
37. Dig out wellheads and cut-off below "A" section.
38. Weld plate onto casing with marker joint with the following information. Fasken Oil & Ranch Ltd., Ross Federal No. 1,, Section 4, T21S, R24E, 1980' FNL and 1980' FWL, Unit S.
39. Install 1" 2000 psi valve welded into top of marker joint. Remove valve handle and close valve.
40. Send wellheads to Downing Wellhead in Midland. Clean location, RDPU and release all rental equipment.

CWB/NH

5-20-19

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