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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

000-100000

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

HOBBS

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
NM-14496

6 If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1 Type of Well

☒ Oil Well

☐ Gas Well

☐ Other

2 Name of Operator

Fasken Oil and Ranch, Ltd.

3a. Address

303 West Wall St, 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
Ling Federal No. 2

9 API Well No
30-025-30336

10 Field and Pool or Exploratory Area
Apache Ridge, Bone Springs

4 Location of Well (Footage, Sec., T, R, M, or Survey Description)

1980' FSL & 660' FWL, Sec 31, T19S, R34E

11 Country or Parish, State
Lea, 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 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. proposes to plug back from the Quail Ridge; Morrow to the Apache Ridge; Bone Springs.

Please see attached procedure.

* Note! If not at this time, any future recompletions, the Shawn Top @ 12,180' and the Wolfcamp top @ 11,125' will require plugs.

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

Kim Tyson

Title Regulatory Analyst

Signature

Kim Tyson

Date 01/16/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

PETROLEUM ENGINEER

Title

Office

KZ

APPROVED

Date JAN 31 2009

JAMES A. AMOS

SUPERVISOR EPS

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.

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)

Ling Federal No. 2
Recomplete to Bone Spring
A.F.E. No. 1594
A.P.I. NO. 30-025-30336

Completed 07-21-88

KB: 14.9' above GL

PBTD: 13391' – Fish – See WBD for description

Casing: 13-3/8" 48#/ft., H-40 @ 398' TOC surf.

8-5/8" 24&32#/ft., K-55 @ 5164' TOC @ surf.

5-1/2" 17&20#/ft., N-80 @ 13,659' D.V. tool @ 8919'

Tubing: 2-3/8" 8rd EUE N-80

Packer: 5-1/2" x 2-3/8" Otis Permalach @ 13,101'

Perfs: 13,172'-13,196', 13,271'-13,229', 13,243'-13,267', 13,270'-13,276', 13,301'-13,305'

1. Check with Jimmy Carlile or Kim Tyson to verify if we have received pit permits and recompletion permits for this recompletion.
2. Set matting boards and RUPU. Receive one set of pipe racks and half-frac workover tank on location. Lay flowline from wellhead to test tank.
3. RU pump truck on tubing/casing annulus and pump approximately 25 bbls of 7% KCl water containing ClayMaster 5C. RU pump truck on tubing and pump approximately 5 bbls of 7% KCl water containing ClayMaster 5C. This should be enough to kill well. If well starts flowing again, more fluid might be necessary; however, the minimal amount of fluid needed to kill well should be used on this water-sensitive Morrow zone.
4. NDWH and NU 3K Manual BOP.
5. Release packer (might be unset as is), POW and LD all but 9,700' of tubing string.
6. RUWL and RIW with CCL/GR tool and gauge ring and junk basket to 13,100'. Run GR/CCL log from 10,000' up to 8,000' correlated to Schlumberger Compensated Neutron/Litho Density Open Hole log dated June 21, 1988. RIW with 5-1/2" CIBP and set plug @ +/- 13,100' wireline depth at least 10' away from casing collar, capping plug with 35' of Class "H" cement on top. POW and RDWL.
7. RU pump truck on casing and pressure test casing and plug to 1,000 psi for 20" using 2% KCl water. Report results to Midland Office.
8. RIW with 5-1/2" 6K RBP with ball catcher, retrieving head, 2-3/8" x 10' tubing sub, 5-1/2" HD compression packer, sn, and 2-3/8" tubing to 9600' while testing tubing above the slips to 7,500 psi. Set RBP @ +/- 9,600'. POW and to put EOT @ 9560' and set packer @ +/- 9550' in 14 pts compression. Pressure test RBP to 3,000 psi for 20". Report results to Midland Office.
9. Release packer and spot 500 gallons of 7-1/2% double-inhibited NEFE HCl containing clay stabilizer @ 9,560' using 2% KCl water to displace. POW and stand back tubing in derrick.
10. RUWL. RIW with 3-1/8" slick casing gun and perforate 1st Bone Springs Orange Sand as follows:

9524' – 9554' 1JSPF, 0.42" EH, 60° phasing, 31 total holes.

Correlate perforations to strip log obtained in step number 6. POW with guns, make sure all shots fired, and RDWL. Record any changes in fluid level after perforating – zone pressure should be around 3,000 psi.

11. If there is no change in fluid level after perforating, RU pump truck on casing and displace spot acid into perforations using 12 bbls 2% KCl water at a maximum rate of 3 bpm and max pressure 2,000

psi. Record instantaneous, 5", 10", and 15" shut-in pressures. If well goes on a vacuum after perforating, proceed to next step. If no breakdown at 2000 psi, break down under packer.

12. RIW with 2-3/8" retrieving head, 2-3/8" x 10' tubing sub, 5-1/2" Mechanical Collar Locator, 5-1/2" HD compression packer, sn, and 2-3/8" tubing to 9,510'. ND BOP and NUWH, setting packer @ 9,400'+/- with EOT @ 9,410'+/- in 14 pts compression when wellhead is nipped up.
13. RU swab, swab back load water, and evaluate fluid entry. Report results to Midland Office.
14. RU stimulation company. Pressure tubing/casing annulus to 500 psi and monitor throughout job. Acidize *1st Bone Spring Orange Sand* with 2,500 gallons of 7-1/2% NEFE HCl acid with clay stabilizer. Drop 62 7/8" RCN 1.3 sg ball sealers evenly spaced throughout job for diversion. Displace acid using 2% KCl water. Record ISIP, 5", 10", and 15" shut-in pressures. Max Pressure = 5,000 psi.
15. Flow and swab well back to workover tank and evaluate. If zone appears to be wet, orders will be given to set a CIBP over this zone.

Add 1st Bone Springs Dolomite, Upper Dolomite, and "D" Interval

16. Before continuing on with procedure, call Midland Office to confirm that we will treat the 1st Bone Springs Dolomite and "D" sand together. Depending on the Ling 6 completion, we might want to treat the zones separately and obtain a pressure. If this is the case, a new procedure will sent.
17. Kill well with 2% KCl water. NDWH and NU BOP. Release packer, RIW with retrieving tool and retrieve RBP @ 9,600'. POW and set RBP @ 9518' (between 1st BS Orange Sand top perf @ 9524' and 1st Bone Spring Dolomite proposed bottom perf @ 9512') using CCL and GR/CCL log to get on depth.
18. POW to put EOT (retrieving tool) @ 9510' and set packer @ +/- 9500' and test RBP to 3,000 psi for 20". Release packer and spot 500 gallons of 7-1/2% NEFE HCl double inhibited acid @ 9510'. POW with tubing, packer, and retrieving tool.
19. RUWL lubricator. RIW with 3-1/8" slick casing gun and perforate 1st Bone Springs Dolomite and "D" interval as follows:

9463' – 9474' 1JSPF, 0.42" EH, 60° phasing, 12 holes

9492' – 9512' 1JSPF, 0.42" EH, 60° phasing, 21 holes

33 total holes. All perforations should be correlated to strip log ran in step number 6. POW, make sure all shots fired, and RDWL. Record and changes in fluid level that occur after perforating and report results to Midland Office.

20. If there is no change in fluid level after perforating, RU pump truck on casing and displace spot acid into perfs using 12 bbls of 2% KCl water. Max pressure 2,000 psi. Record instantaneous, 5", 10", and 15" shut-in pressures. If well goes on a vacuum after perforating, proceed on to next step.
21. Bleed down casing pressure to pit. RIW with retrieving tool, 2-3/8" x 10' tubing sub, 5-1/2" HD compression packer, seating nipple and 2-3/8" tubing to put EOT @ +/- 9410'. ND BOP and NUWH, setting packer @ +/- 9400' in 14 pts compression once wellhead is nipped up.
22. Swab back load and acid water to evaluate fluid entry.
23. RU stimulation company. Pressure tubing/casing annulus to 500 psi and monitor throughout job. Acidize 1st Bone Springs Dolomite, Upper Dolomite, and "D" interval with 3,000 gallons of 7-1/2% NEFE HCl acid, dropping 66 7/8" 1.3sg RCN ball sealers evenly spaced for diversion. Record instantaneous, 5", 10", and 15" shut-in pressures. Displace acid with 2% KCl water. Max Pressure = 5,000 psi.

24. Flow and swab acid load and water back to pit. If well starts to flow, open well to tanks for evaluation.
25. Call Midland Office before proceeding. There might be reason to isolate and flow test the "D" sand after the acid job.
26. If well is still flowing, kill well with 2% KCl water. Release packer and RIW with retrieving tool and retrieve RBP set @ 9517'. POW with tubing, packer, and RBP.

Install Artificial Lift Equipment

27. RIW with MA, PS, SN, TAC 10 jts above SN and 2-3/8" EUE 8rd N-80 tubing to +/-9580' (below bottom perforation 9554').
28. Install pumping tee and valves complete with rod BOP and adjustable choke on casing. RIW w/ pump and rods. A rod recommendation and design will be forwarded at a later date.
29. Space out rods and leave rods stacked out on stuffing box.
30. Set pumping unit and run electrical service to unit. Hang well on bridle and return to production.
31. Clean location. RDPU.

CSL
(LingFederal2_Recomplete_BoneSpring doc) 1-8-09