

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., 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 and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-30957
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Rolling Rock State
8. Well Number 2
9. OGRID Number 151416
10. Pool name or Wildcat Wildcat Delaware (Oil)

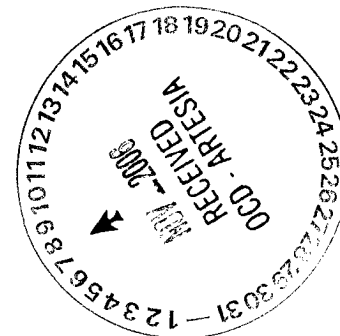
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator Fasken Oil and Ranch, Ltd.	
3. Address of Operator 303 West Wall, Suite 1800 Midland, TX 79701	
4. Well Location Unit Letter <u>P</u> : <u>940</u> feet from the <u>South</u> line and <u>710</u> feet from the <u>East</u> line Section <u>31</u> Township <u>23S</u> Range <u>25E</u> NMPM County <u>Eddy</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3894'	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>	
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____	
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Fasken Oil and Ranch, Ltd. proposes to plug and abandon the Rolling Rock State No. 2 after the final plugback attempt proved non-commercial. Please see the attached procedures and schematics. The pit used during the plugback attempt is still open and will be utilized in the plugging of this well.



I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE J. H. Harris TITLE Regulatory Affairs Coord. DATE 11/7/06

Type or print name

E-mail address:

Telephone No.

For State Use Only

APPROVED BY: Phil Hansen
Conditions of Approval (if any):

TITLE Sub Dir.

DATE 11/16/06



**Rolling Rock State No. 2
Plug And Abandon
A.F.E. 1205
A.P.I. NO. 30-015-30957**

KB: 15 above GL

TD: 10,995; PBTD: 9150' CIBP with 3 sx cement 35' with TOC at 9115'

Casing: 13-3/8" 48#/FT 425' 900 sx circulated

8-5/8" 32#/ft J-55 @ 2700' with 1350 sx circulated

5-1/2" 17-20# @ 10,990' bottom TOC at 8000' CBL DV @ 6900' w/ TOC @ 5174' CBL

Tubing: 213 jts 2-7/8" 6.5#/ft L-80

Packer: 5-1/2" Arrowset 1X w/ TOSSD w/2.25" "F" PN set at 6450'.

Perfs: 6514'-6523', with 4 JSPF, 36 holes, CIBP at 6450' w/ 35' cement, Perfs squeeze holes at 5125-5127' squeezed with 200 sx cement, Perf squeeze holes at 5009-50010' squeezed 350 sx cement, Perfs 4800'-4818' 19 holes CIBP at 4760' with 35' cement, 4680-4698' 40 holes, CIBP at 4570' w/ 35' cement, 4241-4280' with 25 holes, CIBP at 4150' Perfs 3505-3513' 3486'-3498' 13 holes CIBP at 3450' with 35' Cement on top. **No open perforations**

1. Need to locate 90°- 5-1/2" pin end thread protectors for casing.
2. Notify OCD 72 hours prior to starting work of intent to proceed with plugging job.
3. Set rig mats, RUPU and plugging equipment with +/-3500' workstring.
4. NDWH and NU BOP.
5. RIW with 4' perf sub and 2-3/8" tubing. Tag TOC at +/- 3415' FS. RU pump truck and circulate well with mud laden brine water up to next plug at 3000' FS.
6. POW and LD +/-400' tubing and stand remainder of tubing in derrick. Open 8-5/8" casing valve and pump 100 barrels fresh water into casing or until casing loads.
7. ND BOP and ND "B" section on wellhead. Remove packing and plates on 5-1/2" casing.
8. Weld 5-1/2" lift sub on top of 5-1/2" casing stub. Make sure to strap casing on at least 3 sides.
9. Pick up on casing to remove slips.
10. Work casing and attempt to get movement in casing.
11. Obtain stretch measurement on casing.
12. If pipe has enough movement, RUWL and RIW with jet cutter. Jet cut 5-1/2" casing at +/- 3000'.
13. Attempt to work pipe free and if needed pump fresh water down 5-1/2" casing.
14. Notify Midland office with results.
15. If able to work casing free install BOP with 5-1/2" pipe rams and blind rams. POW and LD casing while installing pin end thread protectors on casing. Strap casing on racks.
16. NU "B" section of wellhead and install 7-1/16" BOP.
17. RIW 2-3/8" mule shoe sub and enough 2-3/8" tubing to go 50' into top of 5-1/2" casing stub.
18. RU cement pump truck. Mix and pump 50 sx Class "C" cement. Displace cement to EOT and POW with tubing.
19. SD 2-3 hours to WOC.



20. RIW and tag top of cement and make sure cement top is at least 50' above top of casing stub. According to where the casing has been cut a shoe plug for the 8-5/8" shoe has to be spotted at 2800 up to 2600'. If casing was cut at or below 3000' then pull EOT to 2800' and spot 75 sx Class "C" cement with 2% CaCl. If casing was cut above 3000' then combine shoe plug with stub plug and bring TOC to at least 3000'. TAG.
21. Notify Midland office with tag depth.
22. After approval is given POW with tubing to put EOT at +/- 2000' FS.
23. RU pump truck and mix and spot 50 sx Class "C" cement from 2000' to +/- 1800'.
24. POW with EOT at +/- 950' FS.
25. RU pump truck and mix and spot 25 sx Class "C" cement from 950-850'.
26. POW with EOT at 500' FS.
27. RU pump truck, mix and spot 50 sx Class "C" cement from +/- 500' to 300' TAG.
28. POW and LD all but 1 joint tubing.
29. ND BOP and ND "B" section of wellhead.
30. RIW with one joint tubing into well and fill up casing with Class "C" cement. 60' - surface.
31. RDPU and clean location. Empty pit and cut off rig anchors.
32. Cut off casing below all wellheads.
33. Weld plate onto casing with marker joint with the following information. Fasken Oil & Ranch Ltd. Section 31, 23 S, 25E, 940' FSL and 710' FEL Unit P Eddy Co New Mexico API II
34. Midland office will file for pit closure permit. After permit for pit closure is received close pit as per OCD requirements. P/A
MARKER
4" X 4"
35. Clean location.

Cgt/Cwb

(Rolling rock 2 afe 1205 plug to abandon poCGT_CWB)

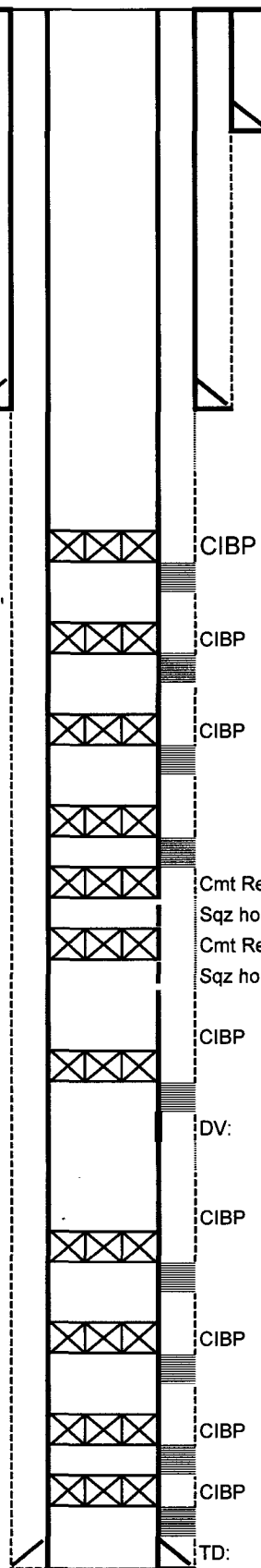
Well: **Rolling Rock State No. 2**
 Operator: **Fasken Oil and Ranch, Ltd.**
 Location: 900' FSL and 710' FEL
 Sec 31, T23S, R25E
 Eddy County, NM

API #: 30-015-30957
 TD: 10,995'
 PBTD: 3415' (CIBP@3450' w35' cmt)
 Casing: 13-3/8" 48# H-40 @ 425'
 w/900sx, TOC surface
 8-5/8" 32# J-55 @ 2700'
 w/ 1350sx, TOC surface
 5-1/2" 17&20# N-80 @ 10990'
 1st stg 551 sx, did not circ thru DV
 1st stg TOC 8000' by CBL
 DV: 6900'
 2nd stg 310 sx
 2nd stg TOC 5174' by CBL

CIBP 3450' w/ 35' sx
 3486'-3513' Delaware
 CIBP 4150' w/ 35' sx
 4241'-80' Delaware
 CIBP 4570' w/ 35' sx
 4641'-98' Delaware
 CIBP 4760' w/ 35' sx
 4808'-18' Delaware
 Cmt Ret 4961', sqz 3 Remedial TOC 3376' CBL
 Sqz holes 5009'-10'
 Cmt Ret 5054'
 Sqz holes 5100'
 CIBP 6450' w/ 35' sx
 Perfs: Bone Springs
 6514'-23'
 Penn
 CIBP 9150' w/ 3sx
 9200'-19'
 Strawn
 CIBP 9360' w/ 3sx
 9398'-612'
 Morrow
 CIBP 10340' w/4sx
 10387'-93'
 CIBP 10750' w/ no cmt
 10808'-14'

Hole Sizes 17-1/2" 425'
 12-1/4" 2700'
 7-7/8" 10995'

Anhy 1355'
 T.Salt 1520'
 B.Salt 2590'
 Delaware 3050'
 Bone Spring 4720'
 Wlfcmp 7810'
 Strawn 9340'
 Atoka 9840'
 Morrow CI 10377'



Current

as of 10-14-06

GL: 3834'
 KB: 3849'

13-3/8" 48# H-40 @ 425'
 w/900sx, TOC surface

8-5/8" 32# J-55 @ 2700'
 w/ 1350sx, TOC surface

Remedial TOC 3376' CBL

CIBP 3450' w/ 35' sx
 3486'-3513'

CIBP 4150' w/ 35' sx
 4241'-80'

CIBP 4570' w/ 35' sx
 4641'-98'

4808'-18'

Cmt Re 4961', sqz 300sx"C"
 Sqz holi 5009'-10'
 Cmt Re 5054'
 Sqz holi 5100'

2nd stg TOC 5174' by CBL

CIBP 6450' w/ 35' sx

6514'-23'

DV: 6900'

CIBP 9150' w/ 3sx

9200'-19'

CIBP 9360' w/ 3sx
 9398'-612'

CIBP 10340' w/4sx
 10387'-93'

CIBP 10750' w/ no cmt
 10808'-14'

TD: 10,995'

5-1/2" 17&20# N-80 @ 10990'

Well: Rolling Rock State No. 2

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Eddy County, NM

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5-1/2" 17&20# N-80 @ 10990'

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CIBP 3450' w/ 35' sx

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Cmt Ret 4961', sqz 3 Remedial TOC 3376' CBL

Sqz holes 5009'-10'

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CIBP 6450' w/ 35' sx

Perfs: Bone Springs

6514'-23'

Penn

CIBP 9150' w/ 3sx

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17-1/2" 425'

12-1/4" 2700'

7-7/8" 10995'

GL: 3834'

KB: 3849'

Anhy 1355'

T.Salt 1520'

B.Salt 2590'

Delaware 3050'

Bone Spring 4720'

Wlfcmp 7810'

Strawn 9340'

Atoka 9840'

Morrow CI 10377'

Proposed

60'

Plug 10 sx 0'-30'

Plug 50 sx "C" 300'-500'

13-3/8" 48# H-40 @ 425'

w/900sx, TOC surface

Plug 25sx "C" 850'-950'

Plug 50sx "C" 1800'-2000'

Plug 75sx "C" 2600'-2800'

8-5/8" 32# J-55 @ 2700'

w/ 1350sx, TOC surface

Plug 50sx "C" 2950'-3050' Stub, tagged

5-1/2" csg cut +/-3000'

Remedial TOC 3376' CBL

CIBP 3450' w/ 35' sx

3486'-3513'

CIBP 4150' w/ 35' sx

4241'-80'

CIBP 4570' w/ 35' sx

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TAC

TAC

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