

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
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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

HOBBS OCD

JAN 18 2013

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED

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.)		WELL API NO. 30-025-32847
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Fasken Oil and Ranch, Ltd.		6. State Oil & Gas Lease No. 18170
3. Address of Operator 6101 Holiday Hill Road, Midland, TX 79707		7. Lease Name or Unit Agreement Name Wingerd
4. Well Location BHL J 1798' South 1762' East Unit Letter J : 1650' feet from the South line and 1930' feet from the East line Section 24 Township 12S Range 37E NMPM County Lea		8. Well Number 14
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3883' GR		9. OGRID Number 151416
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:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐ OTHER: ☐

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 Wingerd No. 14. Please see attached procedure and current and proposed plug and abandon wellbore diagrams.

The Oil Conservation Division Must be notified
24 hours prior to the beginning of plugging operations.

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 Kim Tyson TITLE Regulatory Analyst DATE 1-16-2013

Type or print name Kim Tyson

E-mail address: kimt@forl.com

Telephone No. (432) 687-1777

For State Use Only

APPROVED BY: Mary Brown TITLE Compliance Officer DATE 1/18/2013

Conditions of Approval (if any)

Workover Procedure
Wingerd No. 14
SHL: 1650' FSL & 1930' FEL
BHL: 1798' FSL & 1762' FEL
Sec 24, T12S R37E
A.F.E. No. 2522

OBJECTIVE:	P&A wellbore after unsuccessful Wolfcamp recompletion.
WELL DATA:	
13-3/8" 48# H-40 casing:	Set at 396.48', Cmt 500 sx "C" (14.8 ppg, 1.32 cuft/sk), TOC surf, circ 109 sx
8-5/8" 24&32# casing:	Set at 4495.07', Cmt 1100 sx "C" w/10# slt (12.7 ppg, 2.04 cuft/sk) +200' sx "C" neat (14.8 ppg, 1.32 cuft/sk), TOC surf, circ 83 sx
5-1/2" 17# & 20# N-80 casing (20# TD-9706', 1 jt abv & 1 jt below DV, and 1526'-surf):	Set at 12,193.69', DV 8916.13', 1 st stg 500 sx "H" w/6% gel (12.5ppg, 1.92 cuft/sk)+ 320 sx "H" w/8#/sk CSE (14.05 ppg/g, 1.61 cuft/sk), circ 140sx thru DV, 2 nd stg 1225 sx "H" w/6% gel (12.5ppg, 1.92 cuft/sk)+100sx "H" w/8#/sk CSE (14.05 ppg/g, 1.61 cuft/sk), TOC surf, circ 102 sx
Devonian Perfs:	11,646'-648', 11660'-690', 11712'-715', 11720'-724', 11727'-730' (31 holes)
Casing Leak:	10,076'-10,110' (sqz'd but leaking, swab tested 800' entry overnight)
Wolfcamp Perfs:	9346'-9602' (40 Holes) (Sqz'd but leaking, tested to 500 psi w/ 230 psi loss in 7 minutes)
KB:	18'
TD:	12,800'
PBTD:	11,555' (CIBP@11,590' w/ 35' cmt)
Tubing:	none, pulled 1-9-13

1. Notify NMOCD of intent to plug and abandon. Confirm with Kim Tyson that pit permits have been obtained.
2. Make sure mast anchors have been tested and tagged in the last 24 months.
3. Receive +/- 11,600' of 2-3/8" EUE 8rd N-80 tubing, 2 sets of pipe racks, catwalk, and 3K manual BOP with 2-3/8" pipe rams and blind rams.
4. Set matting boards, pipe racks and catwalk. RUPU. Dig out and confirm that the surface and intermediate casing valves are open.
5. NDWH and NU 3K manual BOP with 2-3/8" pipe rams.
6. RIW with 2-3/8" x 4' perforated tubing sub, 2-3/8" EUE 8rd N-80 tubing open-ended and tag cement on 5-1/2" CIBP @ PBTD 11,555'. Notify Midland Office of the results.
7. Pick up +/- 5' and pump enough mud laden brine to bring top of mud to 6500'.
8. POW and stand back 9020' of tubing in derrick and lay down remainder of tubing.
9. RUWL and RIW with 5-1/2" CIBP and set CIBP at 9300' and cap with 35' Class "H" cement.

10. RIW with tubing to 9020' and pumped mud laden brine water to bring top of mud to 6500', followed by a 5 bbl fresh water spacer ahead of cement. Mix and spot 35 sx Class "H" cement (15.6 ppg, 1.18 ft³/sx yield) at 9020'. TOC should be @ +/- 8711'. Stand back 3000' of tubing and WOC for 4 hours. RIW with tubing, tag cement, and notify Midland office and NMOCD of results. If TOC is below 8711', mix and spot additional cement to achieve noted TOC.

11. POW and LD tubing with EOT @ 6500'.

12. Pump enough mud laden brine water to bring top of mud to 4395', followed by a 5 bbl fresh water spacer ahead of cement. Mix and spot 35 sx Class "C" cement (14.8 ppg, 1.32 ft³/sx yield) at 6500'.

13. POW and LD tubing with EOT @ 4600'.

14. Pump enough mud laden brine water to bring top of mud to 3200', followed by a 5 bbl fresh water spacer ahead of cement. Mix and spot 35 sx Class "C" cement (14.8 ppg, 1.32 ft³/sx yield) with 2% CaCl₂ at 4600'. TOC should be @ 4255'. Stand back 2000' of tubing and WOC for 4 hours. RIW with tubing, tag cement, and notify Midland office and NMOCD of results. If TOC is below 4255', mix and spot additional cement to achieve noted TOC.

15. RU wireline crew and 3k psi lubricator. RIW and perforate 5-1/2" casing @ 3200', (4h, 1 jsf). POW with guns and confirm all guns fired.

NOT REQUIRED BY OLD.

16. Set 5-1/2" tension packer @ 2900'.

*SPOT @ 3200'. * CMT CIRC ON 5 1/2 CSG **

17. Establish injection rate into squeeze holes and report results to Midland office.

18. Mix and circulate 70 sx Class "C" with 2% CaCl₂ cement through perforations displacing cement inside tubing to 2950'.

19. Unseat packer and displace casing with mud laden brine water to surface. LD all but 2 joints of tubing.

20. RU wireline crew and RIW and perforate 5-1/2" casing @ ~~400'~~ ^{446'} (4h, 1 jsf). POW and confirm all guns fired.

NOT REQUIRED BY OLD. SPOT CMT TO SURFACE 45 SXS +/-

21. RIW with 2 joints of tubing and 5-1/2" tension packer at 60'. Establish injection rate into perforations.

** 5 1/2 CMT CIRC TO SURF*

22. Mix and circulate 125 sx Class "C" with 2% CaCl₂ cement through perforations to surface on backside. Unseat packer and fill remainder of casing with cement to surface.

23. Dig out wellheads and cut off below "A" section wellhead. Weld cap and dry hole marker on top of 13-3/8" casing stub. Install 1" 2000 psi ball valve on top of dry hole marker plate, pack valve in grease, close valve, and remove handle.

24. Send 2-3/8" tubing and wellheads to Midland for inspection.

25. RDPU and release all rental equipment. Dig out mast anchors and clean location.

OMIT IF CSG FILLED IN STEP #20

Wingerd No. 14

Current

Fasken Oil and Ranch, Ltd.

SHL: 1650' FSL, 1930' FEL

BHL: 1798' FSL, 1762' FEL

Sec 24, T12S, R37E

Lea County, New Mexico

Compl.: 22-May-95

API #: 30-025-32847

IP:

TD: 12,800'

PBTD: 10,053'

Casing: 13-3/8" 48#/ft H-40@ 396.48'

Cmt 500sx "C" w/2% CaCl₂ (14.8ppg, 1.32 cuft/sk)

TOC surf, cir 109 sx

8-5/8" 24&32#/ft @ 4495.07'

Cmt 1100sx PSL "C" w/10#slt (12.7ppg, 2.04 cuft/sk)

+ 200sx "C" (14.8ppg, 1.32 cuft/sk)

TOC surf, cir 83 sx

5-1/2" 17-20# N-80 @ 12193.69'

Cmt 1st stg 500sx PSL "H" w/6% gel (12.5ppg, 1.92cuft/sk)

+320sx "H" w/8#/sk CSE (14.05 ppg, 1.61 cuft/s)

Circ 140 sx cmt thru DV

DV: 8916.13'

Cmt 2nd stg 1225sx PSL "H" w/6% gel (12/5ppg, 1.92 cuft/sk)

+100sx "H" w/8#/sk CSE (15.6 ppg, 1.17cuft/sk)

TOC surf, cir 102 sx

Tubing: Pulled and layed down 12-1-99, TA'd

CIBP: 11,590'

Perfs/plugs:

11646'-11648' (5h 5-13-95)

11660'-11690' (61h 5-13-95)

11712'-11715' (6h 5-6-95)

11720'-11724' (8h 5-6-95)

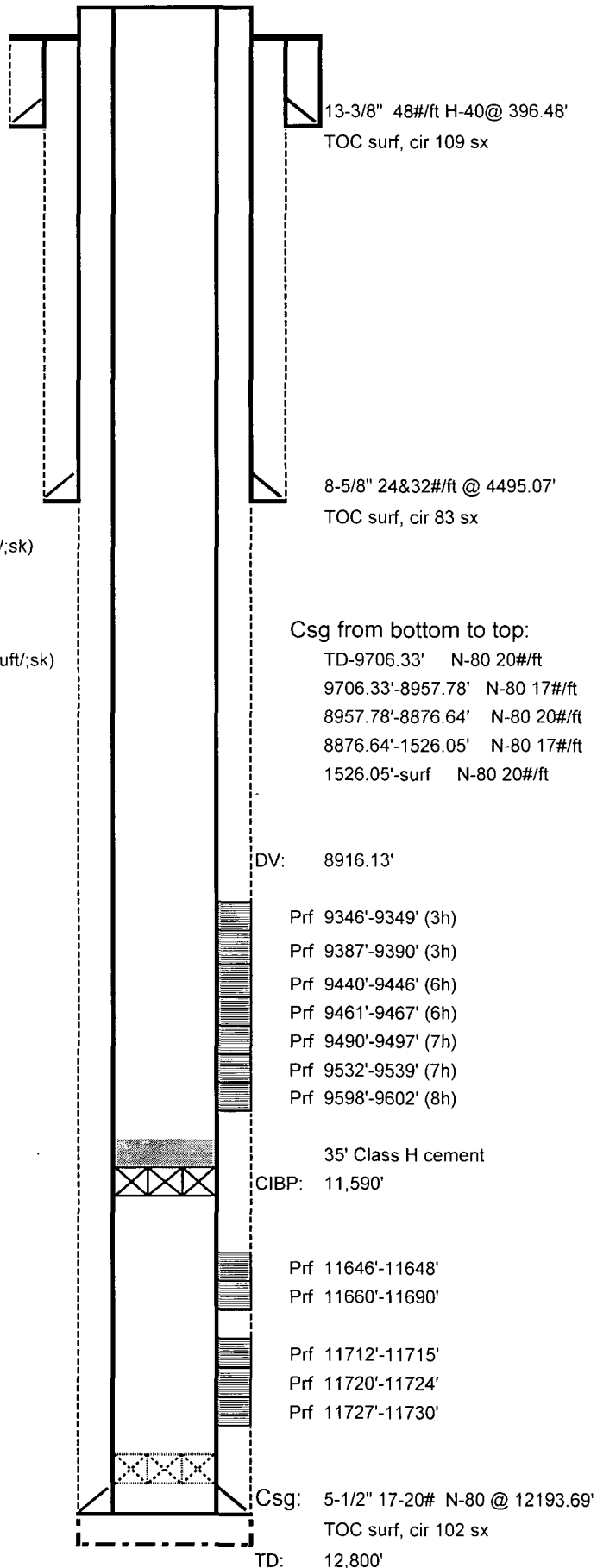
11727'-11730' (6h 5-6-95)

CR: 11705' (5-17-95)

Knocked out CIBP w/sand line drill to 12150' (12-18-96)

TA'd well 12/1/99

*****PASSED MIT ON 5/12/2006*****



GL: 3883'

KB: 3901'

13-3/8" 48#/ft H-40@ 396.48'

TOC surf, cir 109 sx

8-5/8" 24&32#/ft @ 4495.07'

TOC surf, cir 83 sx

Csg from bottom to top:

TD-9706.33' N-80 20#/ft

9706.33'-8957.78' N-80 17#/ft

8957.78'-8876.64' N-80 20#/ft

8876.64'-1526.05' N-80 17#/ft

1526.05'-surf N-80 20#/ft

DV: 8916.13'

Prf 9346'-9349' (3h)

Prf 9387'-9390' (3h)

Prf 9440'-9446' (6h)

Prf 9461'-9467' (6h)

Prf 9490'-9497' (7h)

Prf 9532'-9539' (7h)

Prf 9598'-9602' (8h)

35' Class H cement

CIBP: 11,590'

Prf 11646'-11648'

Prf 11660'-11690'

Prf 11712'-11715'

Prf 11720'-11724'

Prf 11727'-11730'

Csg: 5-1/2" 17-20# N-80 @ 12193.69'

TOC surf, cir 102 sx

TD: 12,800'

cwb

4-24-06

Wingerd 14 WBD 010913 SRF.xls

Wingerd No. 14 Proposed

Fasken Oil and Ranch, Ltd.

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 Circ 140 sx cmt thru DV
 DV: 8916.13'
 Cmt 2nd stg 1225sx PSL "H" w/6% gel (12/5ppg, 1.92 cuft/sk)
 +100sx "H" w/8#/sk CSE (15.6 ppg, 1.17cuft/sk)
 TOC surf, cir 102 sx

Tubing:

CIBP: 11,590' w/ 35' Class "H" cmt

Perfs/plugs:

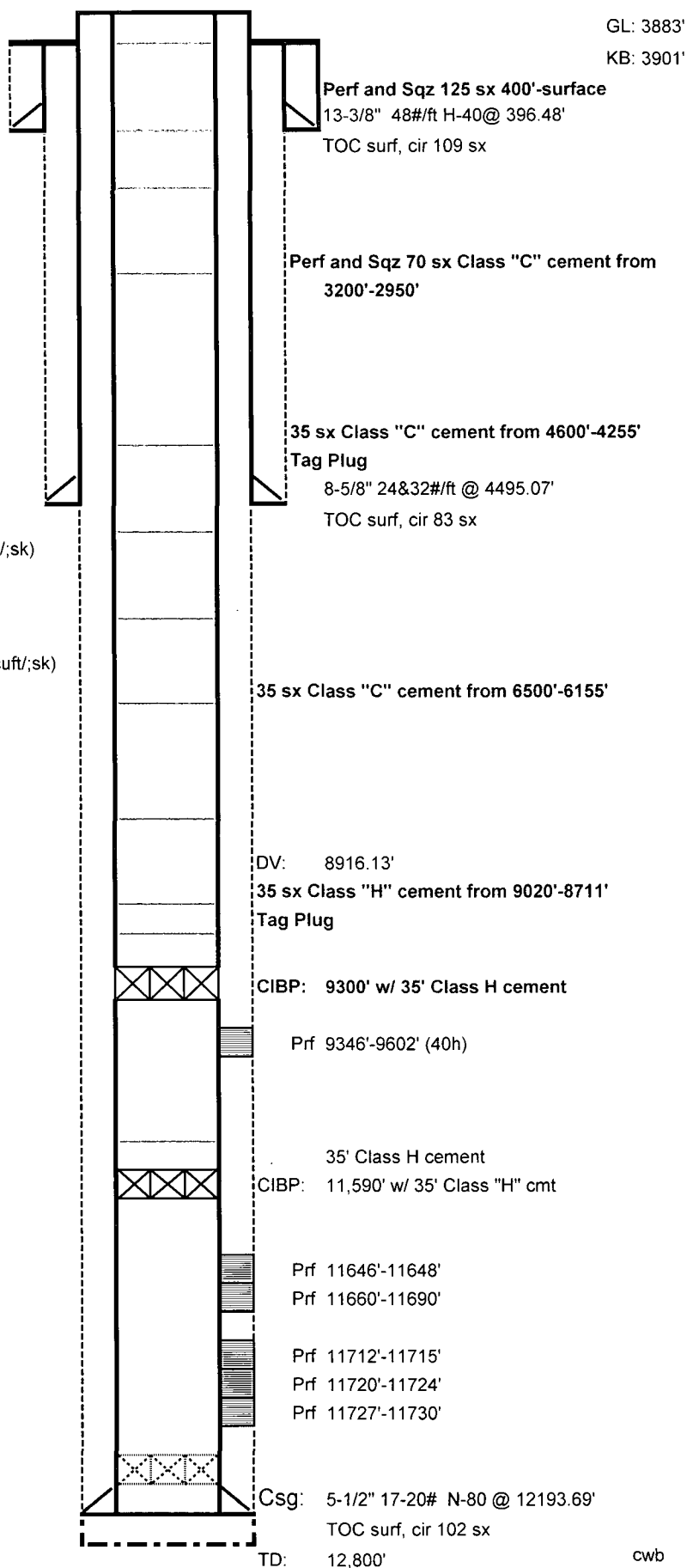
11646'-11648' (5h 5-13-95)
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CR: 11705' (5-17-95)
 Knocked out CIBP w/sand line drill to 12150' (12-18-96)

TA'd well 12/1/99

Proposed P&A



cwb

4-24-06

Wingerd 14 wb diagram