

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 87240  
District II  
811 South First, Artesia, NM 87210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources  
OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-103  
Revised March 25, 1999

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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. 30-025-36093
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Fasken Oil and Ranch, Ltd.		6. State Oil & Gas Lease No.
3. Address of Operator 303 W. Wall Ave., Suite 1800, Midland, TX 79701-5116		7. Lease Name or Unit Agreement Name: Kirby "26" State
4. Well Location Unit Letter <u>E</u> : <u>1980</u> feet from the <u>north</u> line and <u>1310</u> feet from the <u>west</u> line Section <u>26</u> Township <u>17S</u> Range <u>34E</u> NMPM Lea County		8. Well No. 1
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 4032' GR		9. Pool name or Wildcat North Vacuum Atoka Morrow

11. 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 COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐

OTHER: set intermediate & production casing/DST data ☒

12. 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. has set intermediate and production casing on the subject well. Attached is detailed information on both strings of casing and cement, along with DST information.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Jimmy D. Carlile TITLE Regulatory Affairs Coordinator DATE 3/4/03

Type or print name Jimmy D. Carlile

(This space for State use)

Telephone No. (915) 687-1777

ORIGINAL SIGNED BY

APPROVED BY GARY W. WINK

Conditions of approval, if any: OC FIELD REPRESENTATIVE II/STAFF MANAGER

TITLE

DATE

MAR 06 2003

# Kirby "26" State No. 1

## Intermediate and Production Casing Detail

### DST Detail

1-31-03

TD 5000'. Hydrotesting BOP. RU and run 9-5/8" casing, 2 hrs.

Casing Detail: 9-5/8" K-55

1 - Howco Float Shoe	1.50'
1 - jt. casing 40# HCK-55 LT&C	45.35'
1 - Howco Float Collar	1.00'
16 jts. 40# HCK-55 LT&C casing	720.37'
32 jts. 40# K-55 LT&C casing	1462.80'
59 jts. 36# K-55 ST&C casing	2721.84'
108 jts. total	4952.86'
less cut-off	- 23.80'
	4929.06'
below KB	+ 19.00'
Landed @	4948.06'

Cement Detail: 1050 sx Halliburton Interfill "C" with 8# salt and 1/4# Flocele (s.w. 11.9 ppg, yield 2.46 ft<sup>3</sup>/sx) and 200 sx Class "C" neat (s.w. 14.8 ppg, yield 1.32 ft<sup>3</sup>/sx). Plug down at 6:50 pm CST 1-30-03. Did not circulate cement. TOC at 400' per temperature survey.

2/21/03

DST No. 1 (11,661' - 683')

Recovery: 5480' (64.5 bbls) drilling mud + 1402' (12.1 bbls) formation water, chlorides 26,000 ppm, pit chlorides 106,000 ppm.

Sampler- 1800 psi, 2400 cc formation water, chlorides 26,000 ppm, 0.1 cu/ft gas.

IHP	5982 psi
IPFP	634 psi
FPFP(5")	561 psi
ISIP(60")	5843 psi
IFP	898 psi
FFP(180")	1814 psi
FSIP(6 hrs)	5567 psi
FHP	5997 psi
BHT	174°

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SEQUENCE  
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1-31-03  
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2/25/03

**DST #2 (11,822' – 840')**

Opened tool @ 6:51 am 2-24-03 with strong blow

1"- blowing from bottom of bucket

3"- 6 psi on 1/8" choke

4"- 12 psi

5"- 21 psi, closed tool. Tool closed 60 minutes.

Reopened tool with no blow and small annular flow.

Tool opened 12 minutes with no blow and small annular flow. Closed tool for 5 minutes.

Reopened tool with no blow and heard noise in drillpipe in 3 minutes. Continuing annular flow, left tool opened 16 minutes. Closed tool for 34 minutes.

Opened tool with occasional bubble from hose, annulus boiling with gas breaking out, occasional bubbles from hose ceased, tool opened 14 minutes. Closed tool for 17 minutes.

Released packers, closed TIW valve below top jt. of drillpipe and noticed pressure leaking from stem packing. Closed valve on control head and valves on choke manifold. Found manifold plugged with formation fines and plastic coating. SIDPP- 1800 psi. Cleared manifold two more times while bleeding pressure to pit. Recovered water blanket and large slug of condensate.

Annulus continued to boil with gas breaking out but subsided substantially with all pressure bled off of drillpipe indicating leak in drillstring.

Recovery: 2450' of fluid, reversed out 18.4 bbls of 48.5° API @ 60°F condensate, 0.3 bbls drilling mud and water cushion, 6 bbls drilling mud.

Sampler: 2800 psi, 750 cc condensate, 13.1 cuft/gas, no water.

IHP-	7073 psi
IPFP(5")-	1506-1591 psi
ISIP(60")-	6578 psi
2 <sup>nd</sup> flow(12")-	1981-2590 psi
2 <sup>nd</sup> SIP(5")-	6316 psi
3 <sup>rd</sup> flow(16")-	2717-4401 psi
3 <sup>rd</sup> SIP(34")-	6479 psi
4 <sup>th</sup> flow(14")-	4434-5857 psi
4 <sup>th</sup> SIP(17")-	6476 psi
FHP-	7046 psi
BHT-	173°

Note- found washed tool jt 58 stds. from surface @ 5452'.

**3-1-03**

TD 11,950'.

**Casing Detail: 5-1/2" N-80 LT&C**

1 - Howco Float Shoe	1.30'	@
1 jt. 20# casing	47.41'	
1 - Howco Float Collar	0.85'	11,914.54'
5 jts. 20# flint coated casing	280.28'	11,634.26'
1 jt. 20# marker	13.13'	11,621.13'
29 jts. 20# casing	1361.75'	10,259.38'
5 jts. 20# flint coated casing	234.51'	10,024.87'
10 jts. 20# casing	471.90'	9552.97'
1 Halliburton P-110 DV tool	2.10'	9550.87'
2 jts. 20# casing	94.85'	9456.02'
189 jts. 17# casing	8530.71'	925.31'

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SCQH  
07/07/03

20 jts. 20# casing	938.31'
262 jts. total	11,977.10'
less cut-off	- 30.00'
	11,947.10'
below KB	+ 17.00'
Landed @	11,964.10'

**Cement Detail:**

1<sup>st</sup> Stage: 10 bbls 3% KCl water, 500 gallons Mud Flush, 10 bbls 3% KCl water, 800 sx Halliburton Super "H" with 1# salt, 0.4% CFR-3, 0.5% Halad-344, 0.25% HR-7 and %3 Gilsonite (s.w. 13.0 ppg, yield 1.69 ft<sup>3</sup>/sx). Batch mixed all of the first stage slurry. Plug down at 1:00 pm CST 2-28-03. Opened DV tool at 1:45 pm and circulated 235 sx excess cement. Circulated 6 hrs between stages.

2<sup>nd</sup> Stage: 1100 sx Halliburton Lite "C" with 6% gel (s.w. 12.6 ppg, yield 1.90 ft<sup>3</sup>/sx) plus 200 sx Class "H" Neat (s.w. 15.6 ppg, yield 1.18 ft<sup>3</sup>/sx). Plug down at 9:40 pm 2-28-03. Top of cement at 4600' per temperature survey.

Note: Released rig at 7:00 am CST 3-1-03.

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