

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

Sundry Notices and Reports on Wells

55 JUN 16 PM 1:54

070 FARMINGTON, NM

1. Type of Well

GAS

2. Name of Operator

SOUTHLAND ROYALTY COMPANY

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

1540' FSL, 930' FWL, Sec. 14, T-28-N, R-11-W, NMPM

5. Lease Number

NM-03179

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number

Aztec #7E

9. API Well No.

30-045-24404

10. Field and Pool

Basin Dakota

11. County and State

San Juan Co, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

Type of Action

☒ Notice of Intent

☐ Abandonment

☐ Change of Plans

☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Altering Casing

☐ Conversion to Injection

☒ Other - Bradenhead repair

13. Describe Proposed or Completed Operations

It is intended to repair the bradenhead on the subject well according to the attached procedure and wellbore diagram.

RECEIVED
JUN 23 1995

OIL CON. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct.

Signed

[Signature]

(LWD2) Title Regulatory Affairs

Date 6/15/95

(This space for Federal or State Office use)

APPROVED BY

Title

Date

APPROVED

CONDITION OF APPROVAL, if any:

JUN 19 1995

DISTRICT MANAGER

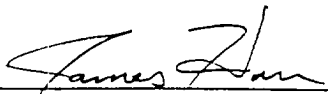
NMOCD

WORKOVER PROCEDURE - BRADENHEAD REPAIR

Aztec # 7E
Basin Dakota
Sec. 14, T-28-N, R-11-W
San Juan Co., New Mexico
DPNO 3727
5/31/95

1. Comply to all NMOCD, BLM, and MOI regulations. Conduct daily safety meetings for all personnel on location.
2. Test location rig anchors and repair if necessary. Prepare blow pit. MOL and RU daylight pulling unit. Install a 400 bbl frac tank and an atmospheric blow tank. NU blooie line to blow pit, and relief line to atmcspheric tank. Fill frac tank with 2% KCl water.
3. Blow down tubing (197 jts. of 2-3/8", 4.7#, J-55, EUE set at 6141') to atmospheric tank. Control well with 2% KCl water as needed. ND wellhead and NU BOP's. Test and record operation of BOP's. Send wellhead to A-1 Machine or WSI for inspection.
4. PU on tubing and strap out of hole. Visually inspect tubing, and replace joints that are in bad condition. Note any buildup of scale, and notify Operations Engineer.
5. RU wireline unit. Run gauge ring (5-1/2", 15.5#) to PBTD of 6295'. PU 5-1/2" RBP and TIH. Set RBP at 5950'. Load hole with 2% KCl water and pressure test casing to 1000#. Spot one sack of sand on top of RBP. POOH.
6. Run CBL (with 1000# pressure) to determine TOC. Estimated TOC is 400' per temperature survey. Contact Operations Engineer for design of squeeze cement.
7. Perforate 4 squeeze holes 20' above TOC. Pressure up casing to 500#. Establish rate into perforations with bradenhead valve open.
8. TIH with 4 stands of 2-3/8" workstring. Close pipe rams on BOP. Mix and pump cement with turbulent flow behind pipe. Close bradenhead valve and squeeze cement into perforations, max pressure 1000#. TOOH and repressure squeeze. Maintain squeeze pressure and WOC 12 hours (overnight).
9. TIH with 4-3/4" bit and drill out cement. Pressure test casing to 1000#. Test bradenhead valve for flow. Re-squeeze as necessary to hold pressure and to stop bradenhead flow.
10. TIH with retrieving tool and retrieve RBP. POOH and LD RBP. TIH with 4-3/4" bit and CO to PBTD with air. Blow well clean and gauge production. POOH.
11. TIH with production tubing (seating nipple with pump-out plug one joint off bottom). Land tubing near bottom perf.
12. ND BOP's and NU wellhead. Pump plug from tubing. Obtain final gauge.
13. Release rig.

Recommend:


Summer Engineering Intern

Approve:


Drilling Superintendent

Contacts:

Cement
Downhole Tools
Wireline
Operations Engineer

Cementers Inc	632-3683
Baker	325-0216
Basin	327-5244
Larry Dillon	326-9714

PERMIT DATA SHEET

6/1/95

WELLNAME: Aztec #7E				DP NUMBER: 3727 PROPERTY NUMBER: 0020247															
WELL TYPE: Basin Dakota				ELEVATION: GL: 5581' KB: 5591'															
LOCATION: 1540' FSL, 930' FWL Sec. 14, T28N, R11W San Juan County, New Mexico				INITIAL POTENTIAL: AOF 122 Mcf/d INITIAL SICP: 600 psig 1/1/70 CURRENT SICP: 424 psig 5/13/93															
OWNERSHIP: GWI: 25.0000% NRI: 21.7500% SJBT: 75.0000%				DRILLING: SPUD DATE: 09-22-80 COMPLETED: 11-16-80 TOTAL DEPTH: 6340' PBD: 6295'															
CASING RECORD:																			
<u>HOLE SIZE</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>DEPTH</u>	<u>EQUIP.</u>	<u>CEMENT</u>	<u>TOC</u>												
12-1/4"	8-5/8"	24#	H-40	221'		120 sx	Surface												
7-7/8"	5-1/2"	15.5#	K-55	6340'	DV tools @ 1812' and 4309'	699 sx total													
Tubing	2-3/8"	4.7#	J-55	6141' (1 jt., SN, 196 jts.)		1st : 180sx (CBL) 2nd : 203 sx (CBL) 3rd : 316 sx (TS)	5223' 3317' 400'												
FORMATION TOPS:																			
	Nacimiento																		
	Ojo Alamo		386'		Point Lookout	3930'													
	Kirtland		566'		Gallup	5165'													
	Fruitland		1348'		Greenhorn	5940'													
	Pictured Cliffs		1590'		Graneros	6006'													
	Chacra				Dakota	6113'													
	Cliff House		3122'																
	Menefee																		
:																			
LOGGING: IES, GR-Density, LDCP, CBL, CBL, CCL																			
PERFORATIONS 8 Holes - 6070', 6117', 6124', 6131', 6138', 6145', 6152', 6183'																			
STIMULATION: Fraced Dakota with 108,822 gal. 30# gelled 1% KCl water and 55,000# of 20/40 sand.																			
WORKOVER HISTORY:																			
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PIPELINE: Sunterra Gas Gathering Co.																			

Aztec #7E

CURRENT - 5/30/95

Basin Dakota
DPNO: 3727

1540' FSL, 930' FWL,
Section 14, T-28-N, R-11-W
San Juan County, NM

RECEIVED
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95 JUN 16 PM 1:54

C/O FARMINGTON, NM

Ojo Alamo @ 386'

Kirtland @ 566'

Fruitland @ 1348'

Pictured Cliffs @ 1590'

Cliff House @ 3122'

Point Lookout @ 3930'

Gallup @ 5165'

Greenhorn @ 5940'

Graneros @ 6006'

Dakota @ 6113'

8-5/8" 24# H-40 Csg set @ 221'
circ. 120 sx cmt. to surface.

TOC @ 400' (TS)
Stage 3 - 316 sx cmt.

DV Tool @ 1812'

TOC @ 2964' (Calc. 75% eff.)
Stage 2 - 203 sx cmt.

DV Tool @ 4309'

TOC @ 5223' (Calc. 75% eff.)
Stage 1 - 180 sx cmt.

2 3/8", 4.7#, J-55 Tubing set @ 6141'

DK perfs @ 6070', 6117', 6124', 6131',
6138', 6145', 6152, 6183'; 8 holes total

5 1/2", 15.5#, K-55 Csg. set @ 6340'

