

State of New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division

Sundry Notices and Reports on Wells

1. Type of Well  
GAS

2. Name of Operator  
**MERIDIAN OIL**

3. Address & Phone No. of Operator  
PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M  
1480' FNL, 1780' FWL, Sec.15, T-31-N, R-10-W, NMPM, San Juan County

API # (assigned by OCD)  
30-045-21617  
5. Lease Number  
Fee  
6. State Oil&Gas Lease #  
7. Lease Name/Unit Name  
Kelly A  
8. Well No.  
5  
9. Pool Name or Wildcat  
Blanco Pictured Cliffs  
10. Elevation:

Type of Submission	Type of Action
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment <input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion <input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back <input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair <input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing <input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> 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  
MAY 18 1995  
OIL CON. DIV.  
DIST. 3

SIGNATURE *Peggy Bradhead* (LWD5) Regulatory Affairs May 17, 1995

(This space for State Use)  
Approved by *Johnny Robinson* Title DEPUTY OIL & GAS INSPECTOR, DIST. #3 Date MAY 18 1995

## WORKOVER PROCEDURE - BRADENHEAD REPAIR

KELLY A # 5  
Blanco Pictured Cliffs  
NW/4 Sec. 15, T31N, R10W  
San Juan Co., New Mexico  
DPNO 43953A

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. NU blooie line to blow pit.
3. Blow well down. Control well with 1% KCl water as needed. NU Bowen BOP's (Call district tools at 326-9853). Test and record operation of BOP's.
4. Set sand plug with 8 sx. (Top of plug at 2925'.) Test casing to 1000 psig.
5. Run cement bond log (with 1000 psig pressure). TOC is estimated at 2550' per temperature survey. Contact Operations Engineer for design of squeeze cement.
6. Perforate 2 squeeze holes 20' above TOC. Establish rate down casing and into perforations with bradenhead valve open. If circulation is established to surface, circulate hole clean.
7. Mix and pump cement slurry with turbulent flow behind pipe. Displace cement, close bradenhead valve and squeeze cement into perforations (max pressure 1000 psi). WOC 12 hours (overnite).
8. TIH with 2 3/8" bit and 1 1/4" workstring (Optimum torque on 1 1/4" Homco Slimline drillpipe is 650 ft-lb.), and drill out cement. Pressure test casing to 1000 psig. Test bradenhead for flow. Re-squeeze as necessary to hold pressure, or to stop bradenhead flow.
9. CO to PBTD (3173') with air. Blow well clean and gauge production. POOH and LD workstring.
10. ND BOP's and NU wellhead. Obtain final gauge.
11. Release rig.

Recommend: \_\_\_\_\_  
Operations Engineer

Approve: W.S. J. E.  
Drilling Superintendent

<b>Contacts:</b>	Cement	Halliburton	325-3575
	Wireline	Schlumberger	325-5006
	Operations Engineer	Larry Dillon	326-9714

# PERTINENT DATA SHEET

5/9/95

<b>WELLNAME:</b> Kelly A #5					<b>DP NUMBER:</b> 43953A <b>PROP. NUMBER:</b> 012579200																															
<b>WELL TYPE:</b> Pictured Cliffs					<b>ELEVATION:</b> GL: 6168' KB: 6180'																															
<b>LOCATION:</b> 1480' FNL, 1780' FWL Sec. 15, T31N, R 10W San Juan County, NM					<b>INITIAL POTENTIAL:</b> 3040 MCF/D    AOF    7/10/75 <b>INITIAL SITP:</b> 939    psig    6/27/75 <b>LAST AVAILABLE SITP:</b> 383    psig    7/25/84																															
<b>OWNERSHIP:</b> GWI: 49.8125% NRI: 42.5842% SJBT 0.0000%					<b>DRILLING:</b> SPUD DATE: 1/24/75 COMPLETED: 7/10/75 TOTAL DEPTH: 3184' PBTD: 3173'																															
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">CASING RECORD:</th> <th style="text-align: left;">HOLE SIZE</th> <th style="text-align: left;">SIZE</th> <th style="text-align: left;">WEIGHT</th> <th style="text-align: left;">GRADE</th> <th style="text-align: left;">DEPTH</th> <th style="text-align: left;">EQUIP.</th> <th style="text-align: left;">CEMENT</th> <th style="text-align: left;">TOC</th> </tr> </thead> <tbody> <tr> <td></td> <td>12 1/4"</td> <td>8 5/8"</td> <td>24#</td> <td>J55</td> <td>246'</td> <td></td> <td>354 cu. ft.</td> <td>Cmt to surf</td> </tr> <tr> <td></td> <td>7 7/8" / 6 3/4" (Reduced @ 1304')</td> <td>2 7/8"</td> <td>6.4#</td> <td>J55</td> <td>3184'</td> <td>115 jts., 10 Rd. Exp. check valve set @ 3184', latch down baffle set @ 3175'.</td> <td>1304 cu ft.</td> <td>(TS) 2550' (Poor circ)</td> </tr> </tbody> </table>										CASING RECORD:	HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT	TOC		12 1/4"	8 5/8"	24#	J55	246'		354 cu. ft.	Cmt to surf		7 7/8" / 6 3/4" (Reduced @ 1304')	2 7/8"	6.4#	J55	3184'	115 jts., 10 Rd. Exp. check valve set @ 3184', latch down baffle set @ 3175'.	1304 cu ft.	(TS) 2550' (Poor circ)
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<b>PERFORATIONS</b> 2966'-2976' - 6 Holes																																				
<b>STIMULATION:</b> 32,000# 20/40 sand, 32,000 gal. water.																																				
<b>WORKOVER HISTORY:</b> None.																																				
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<b>PIPELINE:</b> EPNG																																				

**CURRENT -- 5-3-95**

**1480' FNL, 1780' FWL,  
Section 15, T-31-N, R-10-W, San Juan County, NM**

Completed : 07-10-75

8 5/8", 23#, J55 Surface Csg. set @  
246'. Cmt. w/ 354 cu. ft. C/c. cmt.  
to surface

Kirtland @ 1440'

TOC @ 2550' (TS)

Perf @ 2966'-2976' - 6 holes

PBTD 3173'

TD 3184'