

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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  
990'FNL, 830'FEL, Sec.6, T-23-N, R-8-W, NMPM

5. Lease Number  
NM-11578  
6. If Indian, All. or  
Tribe Name  
7. Unit Agreement Name  
8. Well Name & Number  
Federal 6 #41  
9. API Well No.  
30-045-24213  
10. Field and Pool  
Nageezi Gallup  
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

<input checked="" type="checkbox"/> Notice of Intent	<input checked="" 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 type="checkbox"/> Other -	

13. Describe Proposed or Completed Operations

It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram.

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

Signed [Signature] (ROS1) Title Regulatory Affairs Date 10/31/94

(This space for Federal or State Office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

CONDITION OF APPROVAL, if any:

**APPROVED**

NOV 09 1994

**DISTRICT MANAGER**

# PERTINENT DATA SHEET

<b>WELLNAME:</b> Federal 6 #41	<b>DP NUMBER:</b> 38888A <b>PROP. NUMBER:</b> 071573200																																																
<b>WELL TYPE:</b> Nageezi Gallup	<b>ELEVATION:</b> GL: 6927' KB: 6937'																																																
<b>LOCATION:</b> 990' FNL 830' FEL NE Sec. 6, T23N, R8W San Juan County, New Mexico	<b>INITIAL POTENTIAL:</b> AOF N/A  <b>SICP:</b> N/A PSIG																																																
<b>OWNERSHIP:</b> GWI: 61.4722% NRI: 50.4265%	<b>DRILLING:</b> SPUD DATE: 02-28-80 COMPLETED: 05-29-80 TOTAL DEPTH: 6440' PBTD: 5300' COTD: 5300'																																																
<b>CASING RECORD:</b> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>HOLE SIZE</u></th> <th style="text-align: left;"><u>SIZE</u></th> <th style="text-align: left;"><u>WEIGHT</u></th> <th style="text-align: left;"><u>GRADE</u></th> <th style="text-align: left;"><u>DEPTH</u></th> <th style="text-align: left;"><u>EQUIP.</u></th> <th style="text-align: left;"><u>CEMENT</u></th> <th style="text-align: left;"><u>TOC</u></th> </tr> </thead> <tbody> <tr> <td>12-1/4"</td> <td>8-5/8"</td> <td>23.0#</td> <td></td> <td>557'</td> <td>-</td> <td>385 sx</td> <td>surface</td> </tr> <tr> <td>6-3/4"</td> <td>4-1/2"</td> <td>10.5#</td> <td></td> <td>6437'</td> <td>DV Tool @ 1806'</td> <td>Stg 3 - 350 sx</td> <td>surface</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>DV Tool @ 5425'</td> <td>Stg 2 - 650 sx</td> <td>2666'(75%)</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Float Collar @ 6440'</td> <td>Stg 1 - 125 sx</td> <td>5906'(75%)</td> </tr> <tr> <td>Tubing</td> <td>2-3/8"</td> <td>4.7#</td> <td>J-55</td> <td>5255'</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p style="text-align: center;">Ran 1 jt 2-3/8", Seating Nipple set at 5221', 161 jts 2-3/8", 4.7#, tbg set at 5255'.</p>		<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"	23.0#		557'	-	385 sx	surface	6-3/4"	4-1/2"	10.5#		6437'	DV Tool @ 1806'	Stg 3 - 350 sx	surface						DV Tool @ 5425'	Stg 2 - 650 sx	2666'(75%)						Float Collar @ 6440'	Stg 1 - 125 sx	5906'(75%)	Tubing	2-3/8"	4.7#	J-55	5255'			
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<b>LOGGING:</b> DIEL, FF-MSG, Spectralog, CDNL, CBL																																																	
<b>PERFORATIONS</b> 5128' - 37', 5238' - 46', w/3 SPF, Total 51 holes																																																	
<b>STIMULATION:</b> 5128' - 37': Frac w/500 gal. 15% HCL, 60,000# 20/40 sand, 10,000# 10/20 sand and 60,000 gal. gel KCL.  5238' - 46': Frac w/500 gal. 15% HCL, 60,000# 20/40 sand and 55,000 gal. gel KCL.																																																	
<b>WORKOVER HISTORY:</b> 5/6/81 - 6/18/81: Perf'd 27 holes between 4988' - 5206'; Frac w/180,000# 20/40 sand w/67,000 gal. Mini-Max III-40 fluid w/400 scf nitrogen per bbl. RIH w/rods and Pump.  9/7/88 - 10/18/88: Tested casing, ran packer (type ?, depth ?) on 2" tbg. Ran rods.																																																	
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<b>PIPELINE:</b> Bannon Energy Incorporated																																																	

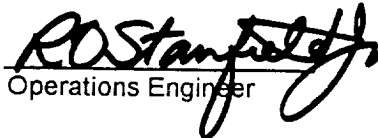
## PLUG & ABANDONMENT PROCEDURE

Federal 6 #41  
Nageezi - Gallup  
NE Section 6, T-23-N, R-8-W  
San Juan Co., New Mexico

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

1. Install and test location rig anchors. Prepare blow pit. Comply to all NMOCD, BLM, and MOI regulations.
2. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. POH and LD rods and pump (Rods are 7/8" and 3/4" with non-standard ends). ND wellhead and NU BOP. Test BOP.
3. Release packer (Depth and type unknown, maybe an anchor). POH and tally 2-3/8" tubing (161 jts, 5255' ), visually inspect. If necessary, LD and PU 2" workstring.
4. **Plug #1 (Gallup Perfs, 5300' - 4938')**: RIH with open ended tubing to 5300'; pump 20 bbls water down tubing. Mix 55 sx Class B cement and spot balanced plug over Gallup perfs from 5300' - 4938'. POH to 3000' and WOC. RIH and tag cement. Pull above top of cement. Load well with water and circulate clean. Pressure test casing to 500#. POH to 3149'.
5. **Plug #2 (Mesa Verde top, 3149' - 3049')**: Mix 12 sx Class B cement and spot balanced plug from 3149' to 3049'. POH to 1680'.
6. **Plug #3 (Pictured Cliffs and Fruitland tops, 1680' - 1460')**: Mix 21 sx Class B cement and spot balanced plug from 1680' to 1460'. POH to 1203'.
7. **Plug #4 (Kirtland and Ojo Alamo tops, 1203' - 905')**: Mix 27 sx Class B cement and spot balanced plug from 1203' to 905'. POH to 607'.
8. **Plug #5 (Surface)**: With tubing at 607' mix and pump 46 sx Class B cement from 607' to surface, circulate good cement out casing valve. POH and LD tubing. Shut in well and WOC.
9. ND BOP and cut off wellhead below surface casing. Install P&A marker with cement to comply with regulations. RD, MOL, cut off anchors, and restore location.

Recommended:

  
Operations Engineer

Approval:

\_\_\_\_\_  
Production Superintendent

# Federal 6 #41

CURRENT

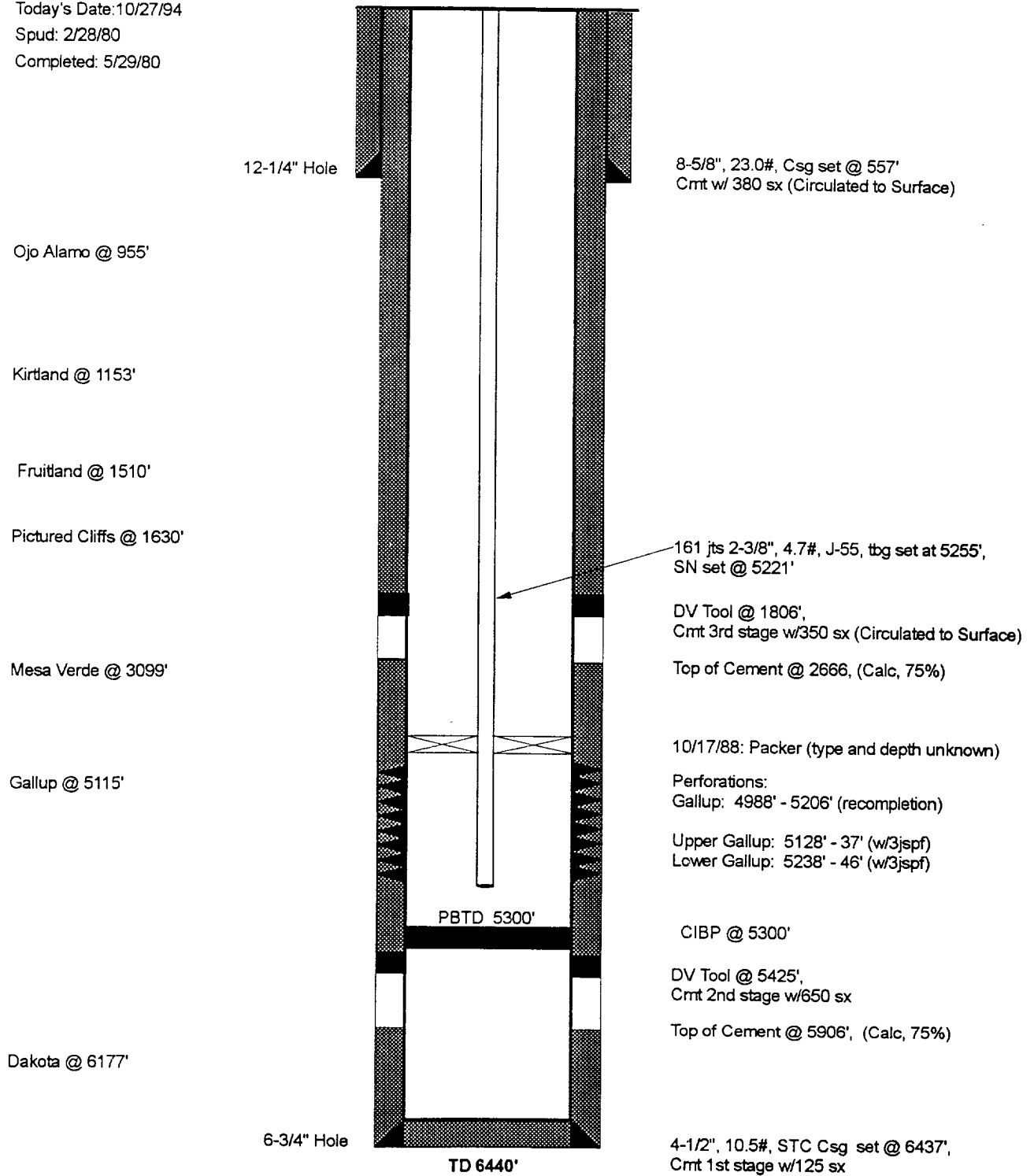
Nageezi - Gallup

NE Section 6, T-23-N, R-8-W, San Juan County, NM

Today's Date: 10/27/94

Spud: 2/28/80

Completed: 5/29/80



# Federal 6 #41

## PROPOSED

Nageezi - Gallup

NE Section 6, T-23-N, R-8-W, San Juan County, NM

Today's Date: 10/27/94

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