

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

790' FSL, 1650' FEL, Sec. 29, T-25-N, R-10-W, NMPM

5. Lease Number  
SF-078621

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

8. Well Name & Number  
Brookhaven A #2

9. API Well No.  
30-045-05215

10. Field and Pool  
Bisti Lower Gallup

11. County and State  
San Juan Co, NM

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

Type of Submission

☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment

Type of Action

☒ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other -  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut off  
☐ Conversion to Injection

13. Describe Proposed or Completed Operations

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

RECEIVED  
JUN - 2 1996

OFFICE OF THE DISTRICT MANAGER  
SANDIA COUNTY, NM

RECEIVED  
MAIL ROOM  
JUN 27 AM 12:27  
SANDIA COUNTY, NM

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

Signed [Signature] (ROS) Title Regulatory Administrator Date 5/20/96

(This space for Federal or State Office use)

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

CONDITION OF APPROVAL, if any:

APPROVED

MAY 30 1996  
DISTRICT MANAGER

NMOCD

## PLUG & ABANDONMENT PROCEDURE

5-4-96

Brookhaven A #2  
Bisti Lower Gallup  
SE Section 29, T-25-N, R-10-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. 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.
2. Pull and LD rods and pump. ND wellhead and NU BOP. Test BOP. Release tubing anchor and POH with tubing; tally 2-3/8" tubing, (167 joints, 5244'). Visually inspect, if necessary LD tubing and PU 2-3/8" workstring.
3. **Plug #1 (Gallup perforations and top, 5336' - 5020')**: RIH with open ended tubing to 5336'. Pump 40 bbls water down tubing. Mix 50 sx Class B cement (40% excess, long plug) and spot a balanced plug inside casing over Gallup perforations. POH with tubing and WOC. While WOC, RIH with 5-1/2" gauge ring or casing scraper to 2400'. RIH and tag cement. Load casing and circulate clean. Pressure test casing to 500#. POH.
4. **Plug #2 (Mesaverde top, 2450' - 2350')**: Perforate 3 HSC squeeze holes at 2450'. PU 5-1/2" cement retainer and RIH; set at 2400'. Pressure test tubing to 1000#. Establish rate into squeeze holes. Mix 60 sx Class B cement, squeeze 43 sx cement outside casing and leave 17 sx inside casing over Mesaverde top. POH and LD setting tool.
5. **Plug #3 (Pictured Cliffs and Fruitland tops, 1652' - 1335')**: Perforate 3 HSC squeeze holes at 1652'. Establish rate into squeeze holes if casing tested. PU 5-1/2" cement retainer and RIH; set at 1500'. Establish rate into squeeze holes. Mix 178 sx Class B cement, squeeze 136 sx cement outside casing and leave 42 sx inside. POH.
6. **Plug #4 (Kirtland and Ojo Alamo tops, 918' - 690')**: Perforate 3 HSC squeeze holes at 918'. Establish rate into squeeze holes if casing tested. PU 5-1/2" cement retainer and RIH; set at 800'. Establish rate into squeeze holes. Mix 130 sx Class B cement, squeeze 98 sx outside casing and leave 32 sx inside. POH and LD tubing and stinger.
7. **Plug #5 (Surface, 222' - Surface)**: Perforate 2 squeeze holes at 222'. Establish circulation out bradenhead valve. Mix approximately 95 sx Class B cement and pump down 5-1/2" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
8. ND BOP and cut off wellhead below surface casing flange. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Recommended:

  
Operations Engineer

Approval:

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

# Brookhaven A #2

## CURRENT

Bisti Lower Gallup

790' FSL, 1650' FEL,

SE Section 29, T-25-N, R-10-W, San Juan County, NM

Lat./Long.: 36.366943 / 107.915985

Today's Date: 5-10-96

Spud: 5-5-57

Completed: 8-11-57

Elevation: 6716' (GL)

6726' (KB)

Logs: Neutron, IES,  
Temp. Survey

### Workovers:

Nov. 95: Unseat Pump,  
Hot oiled rods;

June 95: Hot oiled rods;

March 95: Replaced parted  
rods, hot oiled, acidize;

Oct. 93: Hot oiled, replaced  
4 bad jts tbg;

April 93: Hot oiled, replaced  
1 5/8" rod;

Nov. 92 - April 61: Work on Pump,  
Replace rods & tbg, hot oiled tbg  
& csg

Ojo Alamo @ 740'

Kirtland @ 868'

Fruitland @ 1385'

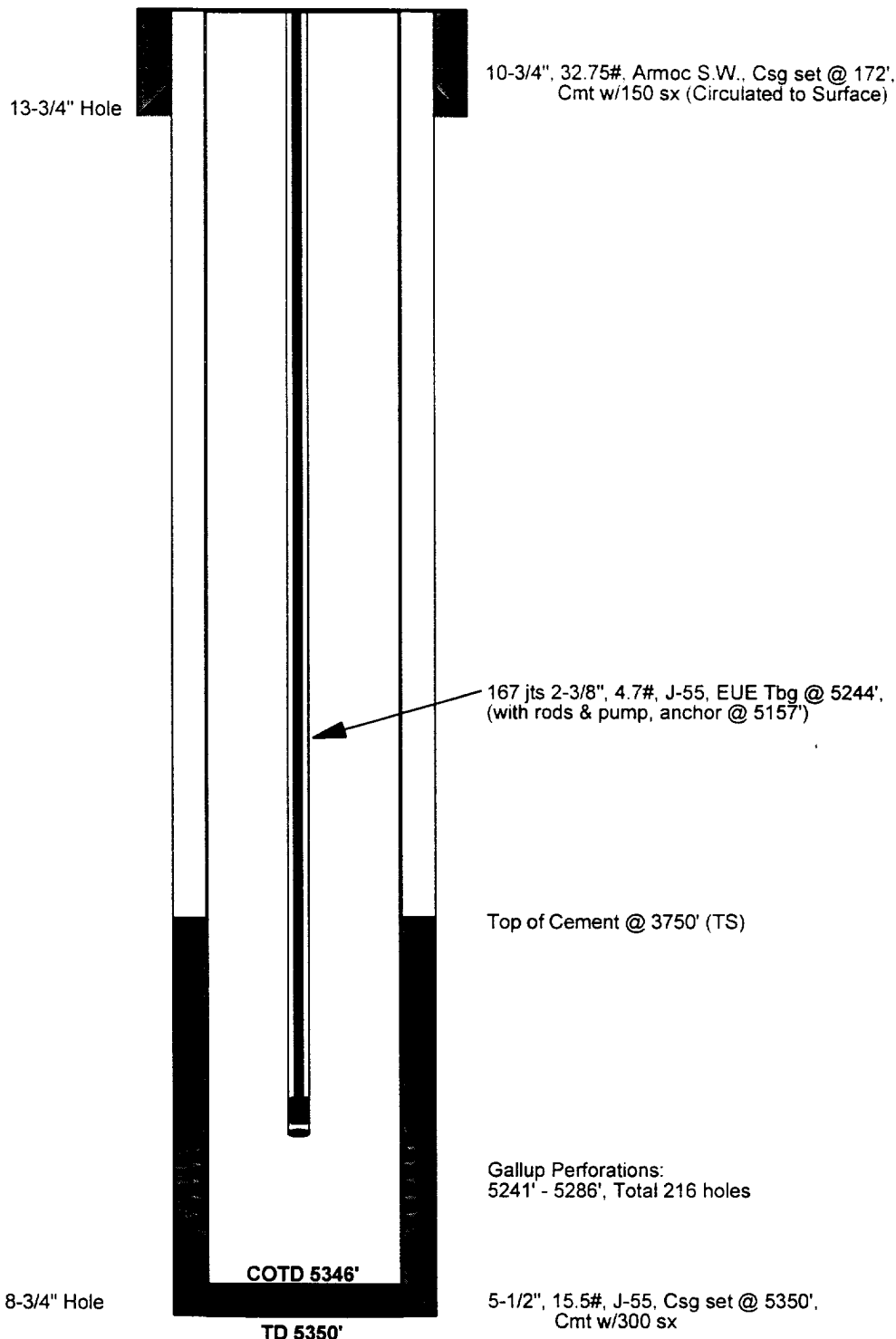
Pictured Cliffs @ 1602'

Mesaverde @ 2400'

Gallup @ 5070'

Dakota @ 5238'

CEH



### Initial Potential

Initial AOF: N/A  
Current SICP: N/A

### Production History

Cumulative:  
Current:

### Gas

403.3 MMcf  
5.0 Mcfd

### Oil

268.7 Mbo  
0.0 bbls/d

### Ownership

GWl: 51.19%  
NRI: 44.79%  
TRUST: 00.00%

### Pipeline

EPNG

# Brookhaven A #2

Proposed P&A  
Bisti Lower Gallup

790' FSL, 1650' FEL,  
SE Section 29, T-25-N, R-10-W, San Juan County, NM

Lat./Long.: 36.366943 / 107.915985

Today's Date: 5-10-96

Spud: 5-5-57

Completed: 8-11-57

Elevation: 6716' (GL)  
6726' (KB)

Logs: Neutron, IES,  
Temp. Survey

Workovers:

Nov. 95: Unseat Pump,

Hot oiled rods;

June 95: Hot oiled rods;

March 95: Replaced parted

rods, hot oiled, acidize;

Oct. 93: Hot oiled, replaced

4 bad jts tbg;

April 93: Hot oiled, replaced

1 5/8" rod;

Nov. 92 - April 61: Work on Pump,

Replace rods & tbg, hot oiled tbg  
& csg

Ojo Alamo @ 740'

Kirtland @ 868'

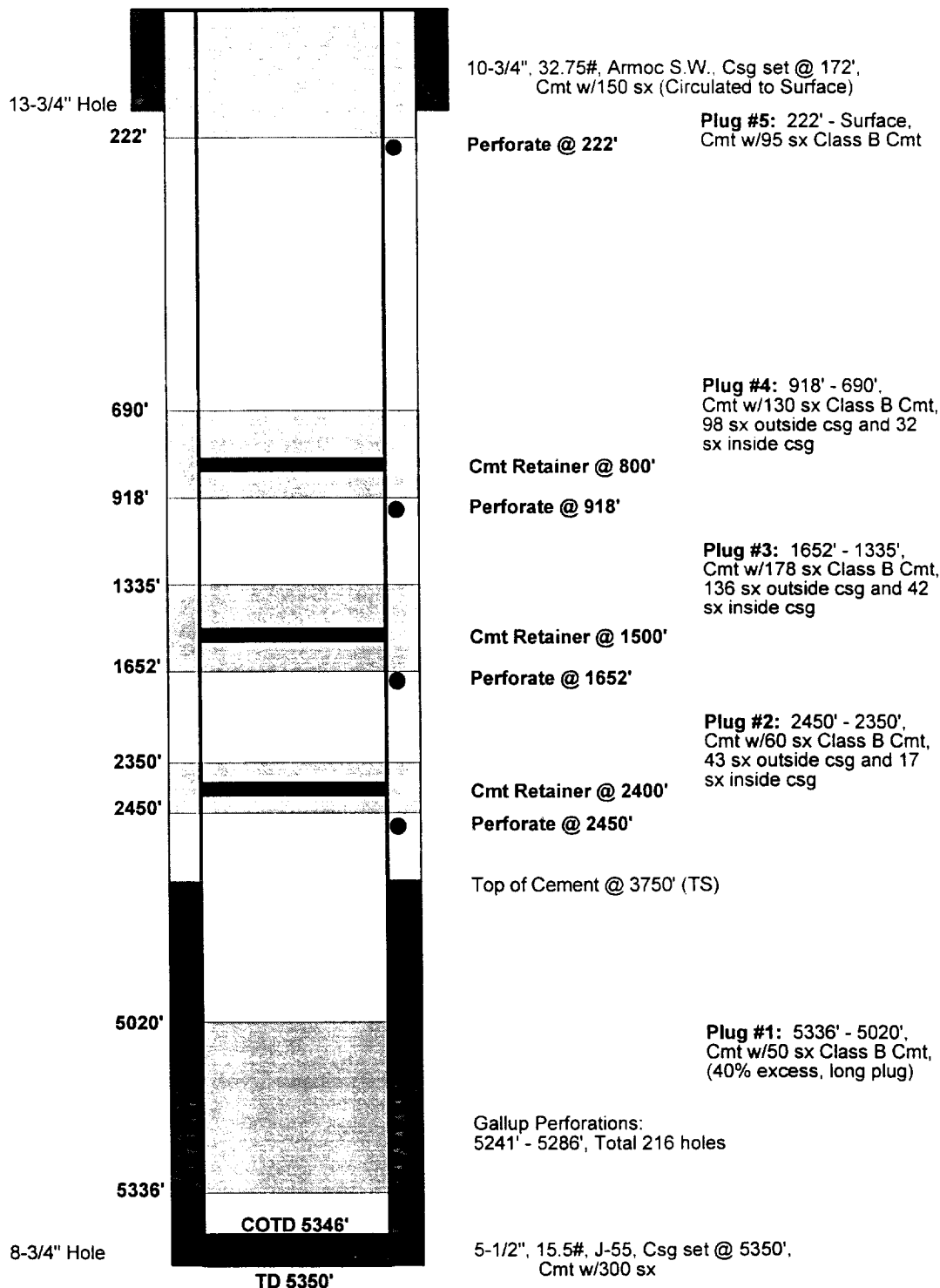
Fruitland @ 1385'

Pictured Cliffs @ 1602'

Mesaverde @ 2400'

Gallup @ 5070'

Dakota @ 5238' *CEH*



Initial Potential		Production History	Gas	Oil	Ownership		Pipeline
Initial AOF:	N/A	Cumulative:	403.3 MMcf	268.7 Mbo	GW:	51.19%	EPNG
Current SICP:	N/A	Current:	5.0 Mcfd	0.0 bbls/d	NRI:	44.79%	
					TRUST:	00.00%	