

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

840'FNL, 890'FWL, Sec.20, T-29-N, R-10-W, NMPM

5. Lease Number

SF-078716A

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

8. Well Name & Number

San Jacinto #6

9. API Well No.

30-045-08130

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

☒ 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 & abandon this well per the attached procedure

RECEIVED  
SEP 23 1994

OIL CON. DIV.  
DIST. 3

070 FARMINGTON, NM

54 AUG 19 PM 2:46

RECEIVED  
BLM

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

Signed [Signature] (LD2) Title Regulatory Affairs Date 8/18/94

(This space for Federal or State Office use)

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

CONDITION OF APPROVAL, if any:

APPROVED

SEP 23 1994

DISTRICT MANAGER

NMOOD

## PERTINENT DATA

August 9 , 1994

Wellname:     **SAN JACINTO #6**

DP Number: 50823A

Well Type:     Dakota

Elevation: 5597' GL / 5607' DF

Location:    840' FNL, 890 FWL, Sec 20, T29N, R10W  
                  San Juan Co., New Mexico

Ownership:    GWI: 89.06 %  
                  NRI: 74.37 %

Drilling:       Spud Date: 10-7-64  
Total Depth:       6555'  
PBTD:               6488'

### Casing and Tubing:

<u>Hole Size</u>	<u>Size, Wt. &amp; Grade</u>	<u>Depth</u>	<u>Cement</u>	<u>TOC</u>
13-3/4"	8 5/8", 24#	318'	304 cf	Surf.
7 7/8"	4 1/2", 10.5#,J55	6555'	938 cf, 3 Stage	1410'-T.S.

2 3/8" EUE J-55 set at 6281'; packer at 6276'; SN @ 6244'

### Formation Tops:

Ojo Alamo	650'	Mesaverde	3508'
Kirtland	840'	Point Lookout	4190"
Fruitland	1490'	Gallup	5400'
Pictured Cliffs	1880'	Graneros	6218
		Dakota	6320'

Logging:        IES, SGR/C, CCL; Temp Survey.

### Stimulation:

Perfed Dakota 6326' to 6425' with 4 spf; 6435' to 6445' w/2 spf.  
Fraced 40,000# sand and 49,000 gallons water.

### Workover History:

April, 1970: Repaired casing leak 3591' - 3653' with 150 sxs cement; set Baker Model 'D' Packer at 6276'; Re ran 2-3/8" tubing.

Production History:   Gas Cum: 1.07 BCF       Date of Last Production:    October, 1993 182 MCF

Pipeline:        EPNG

August 9, 1994

MERIDIAN OIL INC.

## PLUG AND ABANDONMENT PROCEDURE

**San Jacinto #6 (Dk)**  
NE, Sec. 20, T29N, R10W  
San Juan County, New Mexico

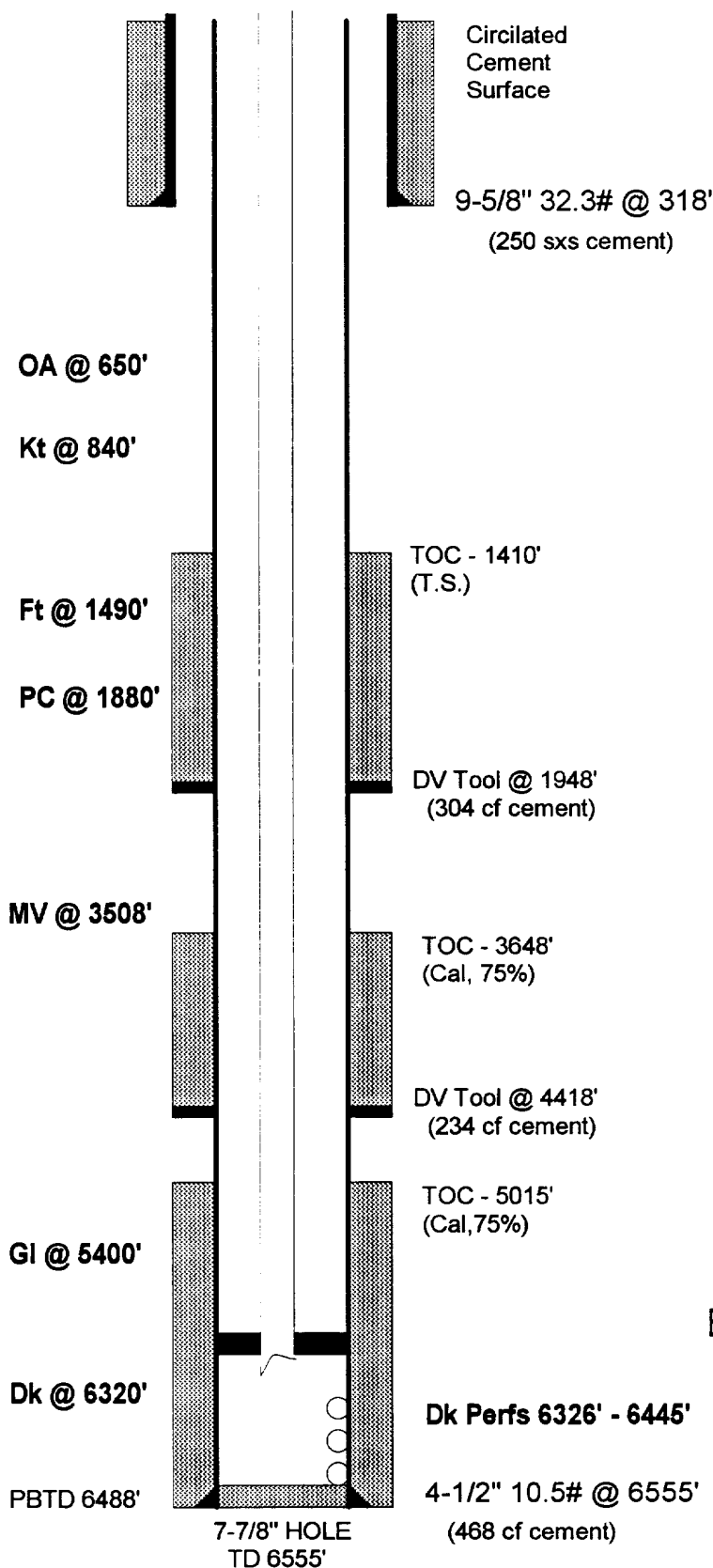
1. Install and/or test rig anchors. Prepare blow pit. Comply to all NMOCD, BLM and Meridian safety rules and regulations.
2. MOL and RUSU. Blow well down; kill with water if necessary. ND wellhead and NU BOP and stripping head; test BOP.
3. Pull seal assembly from Model D Packer at 6275'. POH and tally 2-3/8" tubing (205 joints, 6281'). Visually inspect tubing, if it has heavy scale or is in poor condition then LD and PU 2" work string.
4. **Plug #1 (Dakota perms):** PU 4-1/2" cement retainer and RIH; set at 6250', pressure test tubing to 1000#, establish rate into DK perms. Mix 51 sxs Class B cement and squeeze 46 sxs below retainer over DK perms from 6250' to 6455', then spot 5 sxs cement above retainer. POH above cement, mix and spot mud to 5450'. POH to 5450'.
5. **Plug #2 (Gallup top):** Load well with water and circulate clean. Pressure test casing to 500#. Mix 12 sxs Class B cement and set a balanced plug from 5450' to 5350'. POH above cement; mix and spot mud to 3558'. POH to 3558'.
6. **Plug #3 (Mesaverde top):** Pressure test casing to 500#. Perforate 4 squeeze holes at 3558'. Establish rate into holes if casing tested. PU 4-1/2" cement retainer and RIH; set at 3500'. Pressure test tubing to 1000#, establish rate into Mesaverde squeeze holes. Mix 51 sxs Class B cement and squeeze 39 sxs cement outside casing from 3558' to 3458' and leave 12 sxs cement inside casing. POH above cement, mix and spot mud to 1930'. POH to 1930'.
7. **Plug #4 (Fruitland & PC tops):** Mix 41 sxs Class B cement and spot balanced plug from 1930' to 1440'. POH above cement; mix and spot mud to 890'. POH to 890'.
8. **Plug #5 (Kirtlandt & Ojo Alamo):** Pressure test casing to 500#. Perforate 2 squeeze holes at 890'. Establish rate into holes if casing tested. PU 4-1/2" cement retainer and RIH; set at 840'; establish rate into squeeze holes. Mix 138 sxs Class B cement and squeeze 112 sxs cement outside casing from 890' to 600' and leave 26 sxs inside casing. POH above cement, mix and spot mud to 368'. POH and LD setting tool.
9. **Plug #6 (Surface):** Perforate 2 holes at 368'. Establish circulation out bradenhead valve. Mix approximately 140 sxs Class B cement and pump down 4-1/2" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
10. ND BOP and cut off well head below surface casing flange and install P&A marker with cement. RD and MOL. Cut off anchors. Restore location per BLM stipulations.

(All cement volumes use 100% excess outside pipe and 50' inside;  
mud will be 8.4 ppg with a 40 sec vis.)

8-9-94

## MERIDIAN OIL COMPANY

### EXISTING WELL



**SAN JACINTO #6 (Dk)**  
**NW, Sec. 20, 29N, 10W**  
**San Juan County, NM**

Elevation: 5597' GL  
Completed: 11-22-64

### WORKOVER HISTORY

April 1970  
Casing Leak Repaired,  
Squeeze 3591'-3653',  
150 sxs cement.

Baker Model 'D' Pkr @ 6275'

**2-3/8" EUE TUBING @ 6281'**

8-9-94

# MERIDIAN OIL COMPANY

## PROPOSED PLUGGED WELL

**SAN JACINTO #6 (Dk)**  
**NW, Sec. 20, 29N, 10W**  
**San Juan County, NM**

