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

5. **Lease Number**
SF-080113

6. **If Indian, All. or Tribe Name**

7. **Unit Agreement Name**

2. **Name of Operator**
MERIDIAN OIL

8. **Well Name & Number**
Cedar Hill #1

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

9. **API Well No.**
30-045-09301

4. **Location of Well, Footage, Sec., T, R, M**
1190'FSL, 1190'FWL, Sec.24, T-30-N, R-11-W, NMPM

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	
_X_ Notice of Intent	___ Abandonment	___ Change of Plans
	___ Recompletion	___ New Construction
___ Subsequent Report	___ Plugging Back	___ Non-Routine Fracturing
	_X_ Casing Repair	___ Water Shut off
___ Final Abandonment	___ Altering Casing	___ Conversion to Injection
	_X_ Other - Production logging	

13. Describe Proposed or Completed Operations

It is intended to repair the casing and production log the subject well according to the attached procedure and wellbore diagram.

RECEIVED
MAY 30 1996
OIL CON. DIV.
DIST. 3

RECEIVED
96 MAY 24 AM 11:27
070 FARMINGTON NM

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

Signed Peggy Bradfield (VGW2) Title Regulatory Administrator Date 5/23/96

(This space for Federal or State Office use)
APPROVED BY _____ Title _____ Date APPROVED
CONDITION OF APPROVAL, if any:

MAY 24 1996
DISTRICT MANAGER

NMOCD

WORKOVER PROCEDURE - CASING REPAIR & PRODUCTION LOGGING

Cedar Hill #1
Dakota
Unit M, Sec. 24, T30N, R11W
San Juan Co., New Mexico
DPNO 53911A

1. Comply to all NMOCD, BLM, and MOI regulations. Conduct daily safety meetings for all personnel on location. **Notify MOI Regulatory (Peggy Bradfield 326-9727) and the appropriate Regulatory Agency prior to pumping <u>any</u> cement job. If an unplanned cement job is required, <u>approval is required before the job can be pumped</u>. <u>If verbal approval is obtained, document the approval in Dims/Wims</u>. As much time as possible to the pump time is needed for the Agency to be able to show up for the cement job.**

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 atmospheric tank. Fill frac tank with 1% KCl water.

3. Blow down 2-3/8" tubing to atmospheric tank. Control well with 1% 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. RU wireline and check tubing for piston or other obstructions. PU and release Model G packer set @ 6854' (straight pull). TOOH w/ 2-3/8" tubing (228 jts). Visually inspect tubing, and replace joints that are in bad condition. Note any buildup of scale, and notify Operations Engineer.

5. TIH with 3-7/8" bit and 4-1/2" casing scraper to below perfs. TOOH w/bit and scraper. PU 4-1/2" RBP and TIH. Set RBP at 6900'. Roll hole w/1% KCl water. Pressure test casing to 1000 psig. Spot one sack of sand on top of RBP. TIH with packer and isolate casing failure. Contact Operations Engineer for design of squeeze cement.

6. Establish injection rate into casing failure. Mix and pump cement. Squeeze cement into casing failure (maximum squeeze pressure 1000 psi). Hold squeeze pressure and WOC 12 hours (overnite).

7. TOH with packer. TIH with bit and drill out cement. Pressure test casing to 1000 psig. Re-squeeze as necessary to hold pressure.

8. TIH with retrieving tool and retrieve RBP. POOH and LD RBP.

9. TIH with production tubing (seating nipple with pump-out plug one joint off bottom). CO to TD w/air. Blow well clean and gauge production. Land tubing at 6950'. Reconnect well to production line and produce overnight. SDFN.

10. RU wireline unit with full lubricator. TIH with spinner log. Log from PBTD to 7000' while well is producing on line. POOH and RD wireline company.

11. Kill tubing with 1% KCl water, if necessary. ND BOP's and NU wellhead. Release rig.

Recommend: _____
Operations Engineer

Approve: _____
Drilling Superintendent

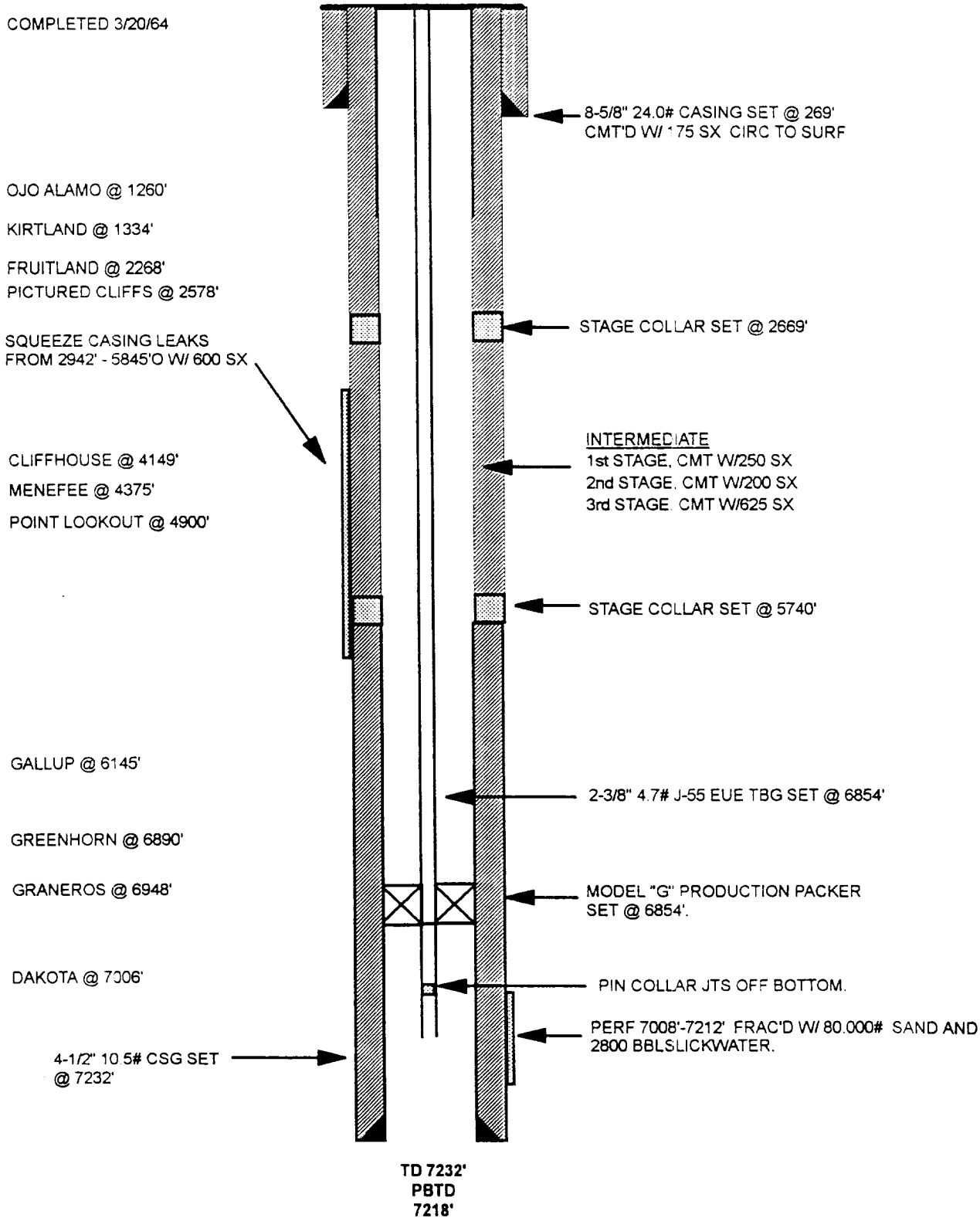
Contacts:			
	Operations Engineer	Gaye White	326-9875
	Production Engineer	Koby Killion	599-4041
	Production Logging	Schlumberger	325-6222

CEDAR HILL #1

CURRENT

BASIN DAKOTA

UNIT M, SEC 24,T30N, R11W, SAN JUAN COUNTY, NM



Pertinent Data Sheet -Cedar Hill #1

Location: 1190' FSL & 1190' FWL, Unit M, Section 24, T30N, R11W, San Juan County, New Mexico

Field: Basin Dakota **Elevation:** 6151' GL, 6160' DF **TD:** 7232' **PBTD:** 7218'

Completed: 3/20/64 **Spud Date:** 2/17/64 **DP :** 53911A

Casing Record:

Hole Size	Csg Size	Wt. & Grade	Depth Set	Cement (Top)
12-1/4"	8-5/8"	24.0#	296'	175 sx. (surface)
7-7/8'	4-1/2"	10.5#	7232'	975 sx. (3 stages)

DV tools @ 2669' & 5140'

Cement:

Surface:
175 sx regular + 2% $CaCl_2$

1st stage:
150 sx 50/50 POZ + 4% gel & 100 sx regular + 2% gel +1% Halad-9

2nd Stage:
200 sx 50/50 POZ & Class "C" + 8% gel +2# Tuf-plug/sk & 12-1/2# Gilsonite/sk
TOC @ 5540' TS

3rd Stage:
525 sx 50/50 POZ Class "C" + 8% gel & 100 sx 50/50 POZ Class "C" + 4% gel

Tubing Record:

Tbg. Size	Wt. & Grade	Depth Set	Packer @	Packer Type
2-3/8"	4.70# J-55 EUE	7179'	≈ 6854'	Model "G"

Formation Tops:

Ojo Alamo:	1260'	Menefee:	4375'
Kirtland:	1334'	Point Lookout:	4900'
Fruitland:	2268'	Gallup:	6145'
Pictured Cliffs:	2578'	Greenhorn:	6890'
Chacra:	3392'	Graneros:	6948'
Cliff House:	4149'	Dakota:	7006'

Logging Record: IEL, GR, Density

Stimulation: (Oak Canyon) Perf'd 7202'-7212' with 40 holes. Sand-water frac'd w/ 10,000# 40/60 sand, 10,000# 20/40 sand, and 36,700 gal slickwater.
(Paquate) Perf'd 7088'-7108' with 40 holes. Sand-water frac'd w/ 40,000# 20/40 sand, and 50,100 gal slickwater.
(Two Wells)Perf'd 7008'-7014' with 24 holes. Sand-water frac'd w/ 10,000# 40/60 sand, 10,000# 20/40 sand, and 31,000 gal slickwater.

Workover History: **11/18/75** Set RbP at 6788'. Isolated casing holes between 2942'-5845'. Squeezed with 600 sx 2% $CaCl_2$. DO cmt and test casing to 1500 psi. Tested OK. RIH w/ 228 jts 2-3/8" 4.7# tubing w/ bar collar 2 jts off bottom and packer 10 jts off bottom. Land tubing at ≈ 7182'. Packer at ≈ 6854'.