submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM
96 JUN 17 AM 10:48
070 FARMINGTON, NM

Sundry Notices and Reports on Wells

1. **Type of Well**
GAS

5. **Lease Number**
SF-078578A

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

7. **Unit Agreement Name**

2. **Name of Operator**
MERIDIAN OIL

8. **Well Name & Number**
Howell K #2R

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

9. **API Well No.**
30-045-20130

4. **Location of Well, Footage, Sec., T, R, M**
800'FSL, 800'FWL, Sec.22, T-30-N, R-8-W, NMPM

10. **Field and Pool**
Blanco Mesaverde

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	
	___ Other -		

13. **Describe Proposed or Completed Operations**

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

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JUN 21 1996
OIL CON. DIV.
DIST. 3

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

Signed [signature] (VGW6) Title Regulatory Administrator Date 6/14/96

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

JUN 17 1996
DISTRICT MANAGER

NMOCD

WORKOVER PROCEDURE -- CASING REPAIR

HOWELL K #2R
DPNO: 47973A
Sec. 22, T30N, R08W
San Juan Co., New Mexico

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. RU wireline and check tubing for plunger lift equipment or other obstructions. Blow down tubing (154 jts., 4874' of 2-3/8", J55 tbg. set at 4885') 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 for inspection.

4. TIH with 2-3/8" tubing and tag bottom. Record depth. PU on 2-3/8" production tubing and strap out of hole. Visually inspect production tubing on trip out, and replace all bad joints of pipe. Note any buildup of scale, and notify Operations Engineer.

5. PU 3-7/8" bit, casing scraper (4-1/2", 10.5 ppf, J55) on 2-3/8" tubing and TIH to fill recorded above. POOH. PU 4-1/2" RBP, set RBP @ 4300', POOH. PU 6-3/4" bit, casing scraper (7", 20 ppf, J55) on 2-3/8" tubing and TIH to TOL @ 2278'. POOH. PU 7" packer, set packer @ 2100'. Pressure test top of liner to 1000 psig. If loss of pressure is found, isolate casing failure. If liner tests ok, pressure test uphole (7" casing) to 1000 psig. If loss of pressure is found, spot 1 sx of sand on top of RBP. Isolate casing failure. Set packer 200' above 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 (overnight).

7. Release packer and POOH. TIH with 6-3/4" bit and drill out cement. Pressure test casing to 1000 psig. Re-squeeze as necessary to hold pressure.

8. TIH with casing scraper. TOOH. TIH with retrieving tool and retrieve RBP. POOH and LD RBP. TIH with 3-7/8" bit and clean out to PBTD 5015 with air. Blow well clean and gauge production. POOH & LD tubing.

9. TIH with production tubing (seating nipple with pump-out plug one joint off bottom). Land tubing at 4892'. ND BOP's, NU wellhead, and pump plug from tubing. Obtain final gauge. Release rig.

Recommend: _____
Operations Engineer

Approve: _____
Drilling Superintendent

Contacts: Operations Engineer Gaye White 326-9875

/ta
6/13/96

HOWELL K #2R

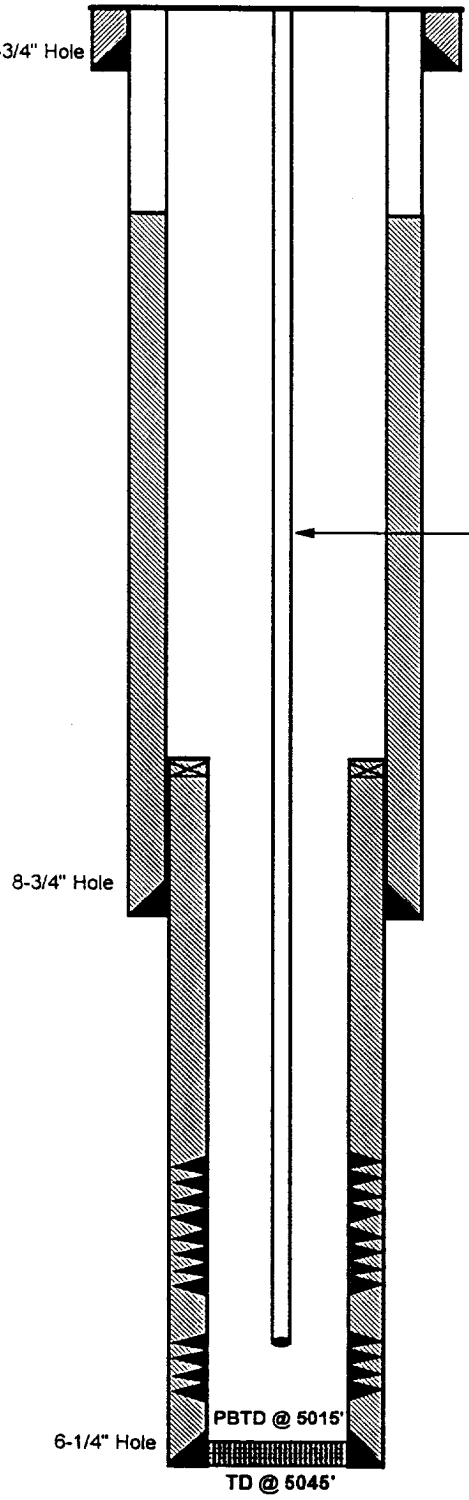
Current -- 6/4/96

DPNO : 47973A

Blanco Mesaverde

800' FSL, 800' FWL
Sec. 22, T30N, R08W, San Juan County, NM
Longitude / Latitude: 107.668900 - 36.792084

Spud: 9/2/67
Comp: 9/12/67
Elev.: 5833' (GR)
Logs: IES, FDC-GR, GG, TS



Nacimiento @ 190'

9-5/8", 32.30#, H40 csg. set @ 193'
Cmt. w/160 sx Class A cmt. Circ. to surface.

TOC @ 960' (TS)

Ojo Alamo @ 1560'

Kirtland @ 1686'

2-3/8", 4.6#, J55 tbg. set @ 4885'
(154 jts., 4874')

Fruitland @ 2305'

TOL @ 2278'

Pictured Cliffs @ 2630'

7", 20#, J55 8Rd csg. set @ 2859'.
Cmt. w/155 sx Class C w/8% gel, 50 sx Class C w/2% CaCl.

Mesaverde @ 4370'

Menefee @ 4460'

Cliffhouse Perfs @ 4384'-4396', 4442'-4454'

Point Lookout @ 4852'

Point Lookout Perfs @ 4868'-4892' - 24 holes
Frac'd w/60,000# 20/40 sd, 61,200 gl. water.

4-1/2", 10.5#, J55, 8Rd liner set from 2278' - 5045'
Cmt. w/265 sx Class B cmt. w/4% gel.
Reversed out 20 bbl. slurry.

Initial Potential:

Initial AOF:	8521 Mcf/d	9/18/67
Initial SITP:	913 Psig	9/18/67
Last SITP:	223 Psig	7/31/93

Production History:	**Gas**	**Oil**
Cum	3.7 Bcf	2.0 Mbo
Production as of 5/96	1 Mcf/d	0 bo

Ownership:
GWI: 100.00%
NWI: 86.50%

Pipeline:
EPNG

/tba