submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

5. **Lease Number**
SF-078385A

1. **Type of Well**
GAS

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

7. **Unit Agreement Name**

2. **Name of Operator**
MERIDIAN OIL

8. **Well Name & Number**
Howell L #4R

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

9. **API Well No.**
30-045-27576

4. **Location of Well, Footage, Sec., T, R, M**
1450'FNL, 1850'FEL, Sec.34, 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 on the subject well according to the attached procedure and wellbore diagram.

RECEIVED
DEC 18 1995
OIL CON. DIV.
DIST. 3

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

Signed _____ (VGW6) Title Regulatory Administrator Date 12/6/95

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

DEC 11 1995
DISTRICT MANAGER

NMOCD

WORKOVER PROCEDURE—CASING REPAIR

HOWELL L #4R
DPNO 4592A
Mesaverde
Sec. 34, T30N, R08W
San Juan County, New Mexico

1. Comply to all NMOCD, BLM, and MOI regulations. Conduct safety meeting for all personnel on location.

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 tubing (167 jts. of 2 3/8", 4.7#, J55 set at 5423') 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. TOOH w/2-3/8" tubing. 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 and RIH with 3-7/8" bit and 4-1/2", 10.5# casing scraper to PBTD (5590'). POH.

6. TIH with 4-1/2" RBP and 4-1/2" retrievable packer on 2-3/8" tubing. Set RBP at 4300'. PU 30' and test plug to 1000#. POOH to 3280', set packer, and test csg to 1000#. If casing fails, dump 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, and squeeze cement into casing failure. (Max squeeze pressure 1000 psi.) Hold squeeze pressure and WOC 12 hours (overnight).

7. Release packer and POOH. TIH with 6-1/4" 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. TIH w/expendable check and clean out to PBTD (5590') with air. Blow well and gauge production. Land tubing @ 5480'.

9. ND BOP's and NU wellhead. Pump off expendable check from tubing and obtain final gauge. Release rig.

Recommend: _____
Operations Engineer

Approve: _____
Drilling Superintendent

Contacts:			
	Cement	Halliburton	325-3575
	Wireline	Schlumberger	325-5006
	Operations Engineer	Gaye White	326-9875

VGW 12/05/95

Howell L 4R

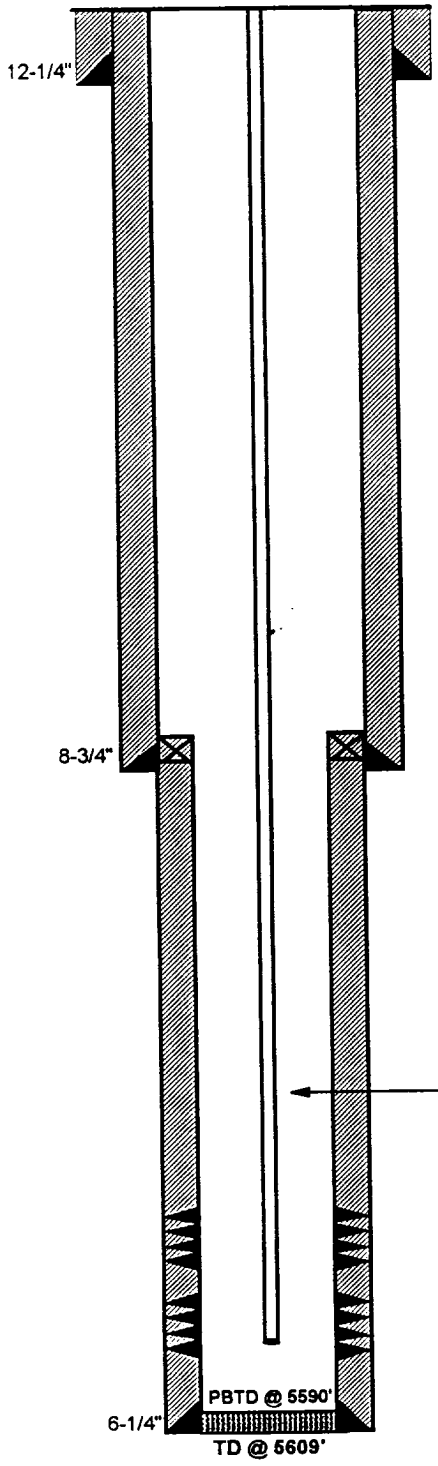
Current -- 10-11-95

DPNO: 4592A

Blanco Mesaverde

1450' FNL, 1850' FEL
Sec. 34, T30N, R08W, San Juan County, NM
Longitude / Latitude: 107.659546 - 36.771561

Spud: 04-02-90
Completed : 05-17-90
Elevation: 6150' (GL)
6162' (KB)
Logs: DIL, Spectral-Density, Temp. Neutron



9-5/8", 40#, N80 csg. set @ 222'.
Cmt. w/160 sx. Circ. 10 bbl cmt. to surface.

Ojo Alamo @ 2142'

Kirtland @ 2330'

Fruitland Coal @ 2580'

Pictured Cliffs @ 2885'

7", 23#,K55 csg. set @ 3397'.
Cmt. w/690 sx. Circ. 5 bbl. to surface

TOL @ 3229'

Otero Chacra @ 3700'

2-3/8", 4.7#, J55 8Rd, EUE tbg. (167 jts., 5411') set @ 5423'. F nipple @ 5390'.

Upper Cliffhouse @ 4450'
Menefee @4730'

Point Lookout @ 5142'

Cliffhouse perfs @ 4452' - 4790' - 92 Holes
Frac'd w/123,445 gal water, 94,500# 20/40 sd.

Point Lookout perfs @ 5118' - 5480' - 91 Holes
Frac'd w/110,000 gal water, 85,400# 20/40 sd.

4-1/2", 10.5#, K55 liner set from 3229' - 5609', cmt. w/310 sx to TOL. Rev. out 3 bbl cmt.

Initial Potential:

Initial AOF:	1948 Mcf/d
Initial SITP:	397 Psig 5/25/90
Last SITP:	264 Psig 5/3/93

Production History:

	Gas	Oil
Well Cum:	892 MMcf	2.2 Mbo
08/95	177 Mcf/d	0 bo

Ownership:

GWI:	100.00%
NRI:	83.50%
SJBT:	00.00%

Pipeline:
EPNG

/ta