

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

1000'FNL, 1010'FEL, Sec.15, T-32-N, R-12-W, NMPM

5. Lease Number

SF-078312

6. If Indian, All. or

Tribe Name

7. Unit Agreement Name

8. Well Name & Number

Hubbard #3

9. API Well No.

30-045-11751

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

☒ Notice of Intent

☐ Abandonment

☐ Change of Plans

☐ Subsequent Report

☒ Recompletion

☐ New Construction

☐ Final Abandonment

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Altering Casing

☐ Conversion to Injection

☐ Other -

13. Describe Proposed or Completed Operations

It is intended to add additional Mesaverde pay to this well and cement the casing to surface, according to the attached procedure.

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

Signed Peggy Bradburn (TJM4) Title Regulatory Affairs Date 8/19/94

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED

AUG 29 1994

WELL MANAGER

NM000

Pertinent Data Sheet - Hubbard #3

Location: Unit A, 1000' FNL, 1010' FEL, Section 15, T32N, R12W, San Juan County, New Mexico

Field: Blanco Mesaverde

Elevation: 6136' GR

TD: 7410'

PBTD: 7000'

Completed: 07-19-66

Spud Date: 06-01-66

Initial Potential:

Dakota

Mesaverde

DP No: 29898

AOF: 1444 MCFD

7200 MCFD

Prop. No: 0023284

SICP: 1449

811

Casing/Liner Record:

<u>Hole Size</u>	<u>Csg Size</u>	<u>Wt. & Grade</u>	<u>Depth Set</u>	<u>Cement</u>	<u>Top/Cement</u>
15"	10 3/4"	32.75# H-40	310'	300 sx	Circ/Surface
9 7/8"	7 5/8"	26.0#	4860'	600 sx	TOC @ 2388' 75%
6 3/4"	4 1/2"	11.6#	4707' - 7410'	300 sx	TOC @ 4924' MV CBL
	4 1/2"	Burns Liner Hanger @ 4707'		400 sx	TOC @ ? DK CBL

Tubing Record:

<u>Tbg Size</u>	<u>Wt. & Grade</u>	<u>Depth Set</u>
1 1/2"	2.76# IJ	5120'

Formation Tops:

Ojo Alamo:	808'	Gallup:	6198;
Kirtland:	830'	Greenhorn:	7081'
Fruitland:	2132'	Graneros:	7148'
Pictured Cliffs:	2565'	Graneros Sand:	7220'
Cliffhouse:	4193'	Dakota:	7294'
Point Lookout:	4544'		

Logging Record: Ind-ES, GR-IL, CBL (7-6-66)

Stimulation:

Dakota:

Perf'd: 4 Squeeze holes @ 5120' 5021' squeezed w/150 sxs cmt.

Perf'd: 4 Squeeze holes @ 4949' 4950' squeezed w/150 sxs cmt.

Perf'd: 7220' - 7230; 7296' - 7304', 7316' - 7332', 4/SPF.

Frac'd: w/71,600 gals KCL wtr, 45,000# 20/40 sand & 20,000# 10/20 sand.

Dropped 80 balls. Flushed w/12,140 gals.

Mesaverde:

Perf'd: 4952' - 4970', 4999' - 5003', 5011' - 5022', 5100' - 5103', 5115' - 5119', 2/SPF.

Frac'd: w/59,860 gals wtr, 50,000# 20/40 sand & 30,000# 10/20 sand.

Dropped 60 balls. Flushed w/10,800 gals.

Workover History:

10/77: Failed 1977 Packer Leakage Test.

11/77: Swabbed well. Pull 1 1/2" tbg. Cmt retainer set @ 7000'.

Squeeze w/ 35 sx cmt. Ran 164 jts 1 1/2" tbg, set @ 5120'. Dakota Plugged.

Production Data:

Production = 45 MCFD

Cum Prod = 833 MMCF

EUR = 1,180 MMCF

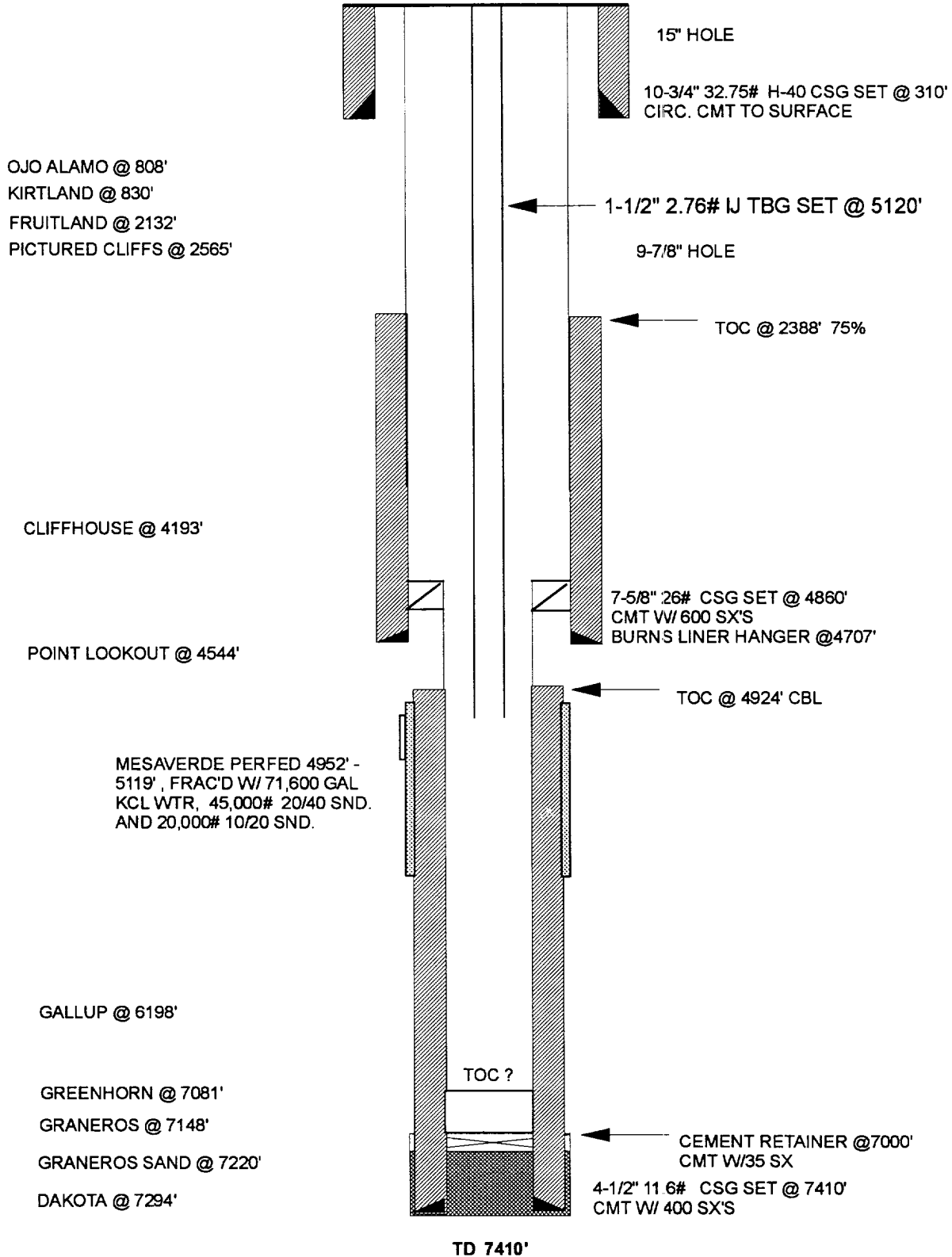
BH Press = 0

HUBBARD #3

CURRENT

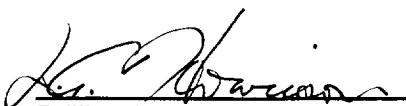
BLANCO MESAVERDE

SEC 15, T32N, R12W, SAN JUAN COUNTY, NM



HUBBARD #3
SECTION 15 T32N R12W
Lat - Long by GITI: 36.990860 - 108.076800
Completion Procedure

1. Comply with all BLM, MOI & NMOCD rules & regulations. MOL and RU completion rig. NU BOP with flow tee and stripping head. Test operation of rams. NU blooie line and 2-7/8" relief line. Replace all bad valves on the wellhead.
2. Set 6 frac tanks and fill w/ 1% KCL water.
3. Take a pitot gauge. TOH w/ 1-1/2" 2.76#, IJ Tbg set @ 5120'.
4. TIH w/ 4-1/2" csg scraper on 2-3/8" tubing to 5000'. TOH.
5. RU wireline company. Run a GR from 5200 to 3200. Tie into the attached CBL [The log needs to be shifted 2.5' down in order to match open hole logs.]. Make sure a copy is in the office so perforations can be picked. Set a 7-5/8" RBP @ 4690'. Dump sand on top of the RBP.
6. Load hole with water ~ 221 bbls.
7. RU wireline company and run a CBL from 4690' to TOC + 500'. If there is good cmt from 4650' to 4050' then selectively perforate the Cliffhouse formation. Perfs (~30) are to be picked off the GR by the Production Engineer. Perf interval will be from 4600' - 4100'.
8. TIH w/ 3-1/2" frac string and 7-5/8" fullbore packer. RU stimulation company and fracture stimulate the Cliffhouse with the attached procedure. MAX PRESSURE = 4500#. Hold 1000# on the backside during the job. Monitor the backside throughout the job. When stimulation is finished TOH w/ packer and LD 3-1/2" frac string.
9. TIH with retrieving tool on 2-3/8" tubing and CO to bottom perf. When well is clean take a pitot gauge and latch onto the RBP @ 4690' and TOH.
10. RU wireline company and set a RBP 100' below the TOC. Dump sand on top of the RBP. Perf 2 SQ holes 100' above the TOC. TIH w/ 2-3/8" tbg. and fullbore pkr and squeeze the perf holes w/ 100% excess cmt open at surface. Circ 5 bbls of good cmt out of the bradenhead valve and then shut in valve and squeeze remaining cmt away. Over displace the cmt out of the 2-3/8" tbg by 3 bbls. Release packer and pull 2 stands. Reset packer and repressurize the squeeze. Hold pressure on cmt for 4 hrs then open at surface and check for flow. Shut well in until flow ceases. TOH w/ packer.
11. WOC for 8 hrs then drill out the cmt. Run a CBL to locate TOC if cmt was not circulated. When TOC is above 310' then pressure test the csg to 1000 psi.
12. TIH w/ 2-3/8" tbg and retrieving tool. Latch onto RBP and TOH.
13. TIH w/ 2-3/8" tbg and 3-7/8" bit and CO to PBTD (Cement retainer at 7000' or until hard cmt is tagged ~ 6900'). When wellbore is sufficiently clean TOH. TIH w/ 1-1/2" tbg w/ pump out plug in "F" nipple one joint above the expendable check that is on the bottom, land tbg @ 5300'.
14. ND BOP and NU wellhead. Pump out plug. Take final pitot gauge.
15. Release rig. Call wireline company to run After Frac Gamma-Ray log.

Approve: 
Drilling Superintendent

Recommend: _____
Regional Engineer