

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

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
790'FNL, 1550'FEL, Sec.10, T-30-N, R-11-W, NMPM, San Juan County

API # (assigned by OCD)
30-045-09766

5. Lease Number
Fee

6. State Oil&Gas Lease #

7. Lease Name/Unit Name
Hampton

8. Well No.
3

9. Pool Name or Wildcat
Blanco Mesaverde

10. Elevation: 5751 KB

Type of Submission	Type of Action
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment <input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion <input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back <input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair <input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing <input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other - Pay add, bradenhead repair

13. Describe Proposed or Completed Operations

REVISED

It is intended to add pay to the Mesaverde formation and repair the bradenhead of the subject well according to the attached procedure and wellbore diagram.

RECEIVED
MAR 15 1995
OIL CON. DIV.
DEPT. 2

SIGNATURE [Signature] (MEL5) Regulatory Affairs March 13, 1995

(This space for State Use)
Approved by [Signature] Title DEPUTY OIL & GAS INSPECTOR, DIST. # Date MAR 15 1995

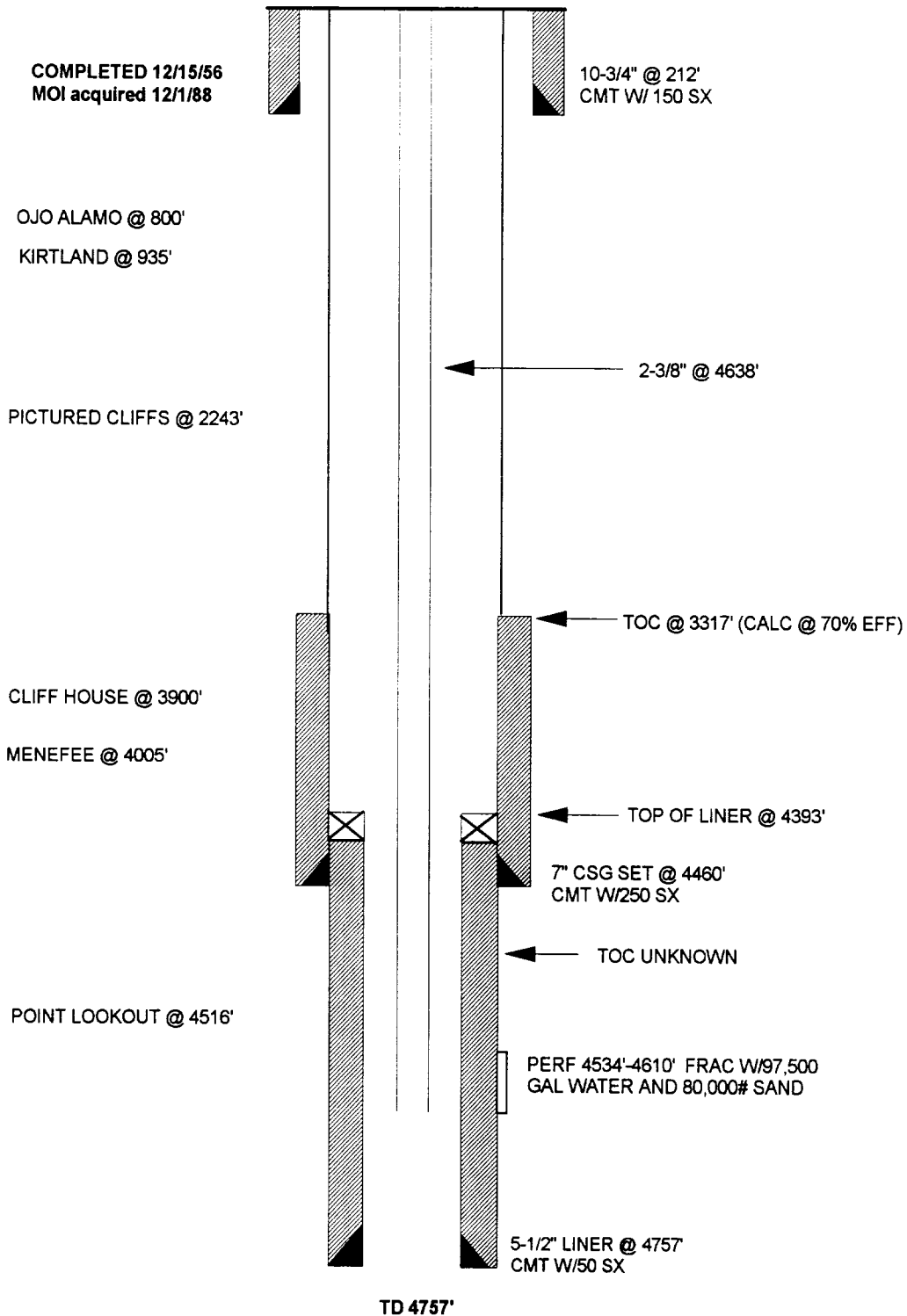
* Notify in time to witness BH Repair

HAMPTON #3

Revised 2/22/95

BLANCO MESAVERDE

UNIT B SEC 10, T30N, R11W, SAN JUAN COUNTY, NM



Revised 2/22/95

Pertinent Data Sheet - Hampton #3

Location: 790' FNL, 1550' FEL, Unit B, Section 10, T30N, R11W, San Juan County, New Mexico

Field: Blanco Mesaverde

Elevation: 5751' KB

TD: 4757'

Completed: 12-15-56

Prop #: 071090100

DP #: 11446A

Lat-Long by TDG: 36.831558 - 107.974289

Casing Record:

<u>Hole Size</u>	<u>Csg Size</u>	<u>Wt. & Grade</u>	<u>Depth Set</u>	<u>Cement</u>	<u>Top/Cement</u>
13 3/8"	10 3/4"	37.75# */NA**	212'	150 sxs	Surface/Circ
9"	7"	23# */ NA**	4460'	250 sxs	TOC @ 3317' (Calc.)
6-1/4"	5 1/2"	14#/NA**	4393' - 4757'	50 sxs	TOC unknown

Tubing Record:

<u>Tbg Size</u>	<u>Wt. & Grade</u>	<u>Depth Set</u>
2 3/8"	4.7#/NA*	4638'

Formation Tops:

Ojo Alamo: 800'
Kirtland: 935'
Pictured Cliffs: 2243'
Cliffhouse: 3900'
Menefee: 4005'
Point Lookout: 4516'

Logging Record: TDT ran in 1/95.

Stimulation: Perf'd: 4534' to 4610'
Frac'd: w/80,000# sand & 97,500 gal water

Workover History: None available.

Production History: None available.

Transporter: EPNG

Additional Information: MOI acquired Hampton #3 through C & E Operators acquisition in 12/88.
The well file does not contain any pertinent history.

*Proposed wt. - no record of actual wt.

**Grade - Not Available

Hampton #3 - Mesaverde
Menefee & CH Payadd / Bradenhead Flow Repair
Lat-Long by TDG: 36.831558 - 107.974289
Section 10, T30N-R11W
February 23, 1995
REVISED

1. Hold safety meeting. MIRU. Install safety equipment and fire extinguishers in strategic locations. Install frac tanks and 1x400 bbl rig tank. Fill each frac tank with 5#s of biocide and filtered (25 micron) 1% KCl water.
2. Obtain and record all wellhead pressures. ND WH, NU BOP. TOOH with 2-3/8" tubing set at 4638'. Replace bad tubing as needed.
3. Pick up 2-3/8", tubing, 4-3/4" bit and 5-1/2" casing scraper and TIH. Make scraper run to 4525'. TOOH. Lay down casing scraper and bit. Run 7" gauge ring to liner top @ \pm 4393'.
4. PU 5-1/2" RBP and wireline set RBP @ \pm 4500'. Dump sand on top of RBP with dump bailer.
5. TIH w/ 2-3/8" tubing and roll the hole with 1% KCL water.
6. RU wireline and run CBL-GR-CCL from \pm 4485' to surface. Run PND from \pm 4485' to \pm 3485'. Send copy of PND to engineering and perforation intervals will be provided.
7. TIH w/ 7" fullbore packer on 2-3/8" tubing and set \pm 50' below TOC. Pressure up the backside to \pm 500 psi. Pressure test casing, liner top and BP to 3400 psi. TOOH and lay down packer.
8. RU wireline and perforate the Menefee interval (\pm 4010' - 4485') determined from PND log using 19 gram charges, 0.31" diameter holes and 3-1/8" HSC guns. Inspect guns to ensure all perforations fired.
9. TIH w/ 2-3/8" tubing and 7" fullbore packer. Set packer \pm 100' above top perforation.
10. Balloff Menefee perforations with 1500 gallons of 15% HCL acid and RCN balls (2 balls per perforation hole). Maximum allowable treating pressure is 3400 psi. TOOH. RU wireline and retrieve balls with 5-1/2" junk basket.
11. TIH w/ 7" fullbore packer and 3-1/2" N-80 frac string. Set packer \pm 50' below TOC. Load backside w/ water. Hold and monitor backside w/ 500 psi during frac job.
12. RU frac company. Hold safety meeting. Test surface lines to 1000 psi over maximum surface treating pressure. (**Maximum allowable treating pressure is 5000 psi pumping at 30 bbls/min**). Fracture Menefee according to attached procedure. Shut in well immediately after completion of the stimulation until pressure falls to zero. Release packer and TOOH.
13. TIH w/ 7" RBP and set @ \pm 4000'. Pressure test RBP to 3400 psi. TOOH. Dump sand on top of RBP w/ dump bailer.
14. Perforate the Cliffhouse interval (\pm 3900 - \pm 3990") using 12 gram charges, .31" diameter holes and 3-1/8" HSC guns. (Perforations will be selected after reviewing PND log.) Inspect guns to ensure all perforations fired.
15. PU 3-1/2" frac string and 7" packer and TIH. Set packer @ \pm 100' above perfs.
16. Balloff Cliffhouse perforations with 1500 gallons of 15% HCL acid and RCN balls (2 balls per perforation hole). Maximum allowable treating pressure is 3400 psi. TIH w/ enough additional 2-3/8" tubing and 7" packer and knock balls off. Reset packer \pm 50' below TOC. Load backside w/ water. Hold and monitor backside w/ 500 psi during frac job.

Hampton #3
Menefee & CH Payadd / Bradenhead Flow Repair
February 14, 1995

17. RU frac company. Hold safety meeting. Test surface lines to 6000 psi. **Maximum surface treating pressure is 5000 psi.** Fracture Cliffhouse according to attached procedure. Shut in well immediately after completion of the stimulation until pressure falls to zero. Release packer and TOOH.
18. PU 7" RBP and set at $\pm 3800'$. Pressure test RBP to 1000 psi. Dump sand on top of RBP w/ dump bailer.
19. Perforate three squeeze holes at $\pm 40'$ above TOC. TIH w/ 7" fullbore packer and set $\pm 150'$ above perfs. Establish circulation through bradenhead. Squeeze w/ class B, 2% CaCl and 0.6% fluid loss to surface. WOC for 12 hours.
20. TIH w/ 6-1/4" bit and drill out cement. Pressure test casing to 750 psi.
21. CO to RBP @ $\pm 3800'$. PU retrieving head and TIH. Release RBP @ $\pm 3800'$ and TOOH.
22. CO to plug @ $\pm 4000'$. Obtain pitot gauge for Cliffhouse interval. TIH w/ retrieving head and release RBP @ $\pm 4000'$. TOOH.
23. TIH w/ retrieving head and CO to RBP @ $\pm 4500'$. Obtain pitot gauge for Cliffhouse and Menefee intervals. Release RBP @ $\pm 4500'$ and TOOH.
24. TIH with 2-3/8" tubing with notched collar and CO to PBTD of 4757'. PU above the Mesaverde perforations and flow the well naturally, making short trips for clean up when necessary. Obtain pitot gauge for Mesaverde after clean up.
25. When returns have diminished (both sand and water), TOOH.
26. TIH with one joint of 2-3/8", 4.7#, J-55 tubing w/ expendable check, an F-nipple, then the remaining 2-3/8" tubing. CO to PBTD (4757'). Land tubing at a minimum of 30' above PBTD.
27. ND BOP's, NU WH. Pump off expendable check. Obtain final pitot. RDMO. Return well to production.

Approval:

Drilling Superintendent

Contacts:

Hampton #3
Menefee & CH Payadd / Bradenhead Flow Repair
February 14, 1995

Engineering - Mary Ellen Lutey

Office - (599-4052)

Home - (325-9387)

Frac Consultant - Mark Byars

Pager - (327-8470)

Mobile - (320-0349)

Home - (327-0096)

or Mike Martinez

Pager - (599-7429)

Mobile - (860-7518)

Home - (326-4861)

Vendors:

Stimulation - Halliburton

Cementing - Halliburton

Wireline - Blue Jet

Tools - Baker