

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
1090' FSL, 825' FWL Sec. 27, T-27-N, R-9-W, NMPM

5. Lease Number
SF-080117

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

Huerfanito Unit
8. Well Name & Number
Huerfanito Unit #104
9. API Well No.

10. Field and Pool
Blanco MV/Basin Dk
11. County and State
San Juan Co, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Type of Action

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other -

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

Due to excessive water production, it is planned to squeeze off the Mesa Verde interval in this commingled Mesa Verde/Dakota well and produce the well as a single Dakota per the attached procedure. The Mesa Verde was opened and commingled with the Dakota in June 1993.

RECEIVED

OCT 04 1993

OIL CO. DIV.

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

Signed *Samuel B. B. B.* (MP) Title Regulatory Affairs Date 9/27/93

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

CONDITION OF APPROVAL, if any:

APPROVED

SEP 30 1993

DISTRICT MANAGER

HUERFANITO UNIT #104 MV
Recommended Procedure
M 27 27 9
San Juan County, New Mexico
AFE#: S721

SQUEEZE PROCEDURE

1. Comply to all NMOC, BLM, & MOI rules & regulations. MOL and RU completion rig. Blow well down. NDWH & NU 6" 900 series BOP with flow tee and stripping head. Test operation of rams. NU blooie line and two 2-7/8" relief line.
2. TOH w/pump & rods & lay down. TOH W/217 Jts 2-3/8" tbg.
3. Run 4-1/2" gauge ring on wireline to 5120'. Set 4-1/2" ret BP @ 5120' on wireline & top w/1 sx sand.
4. Run 4-1/2" pkr on 2-3/8" tbg & set @ 4200'. Pressure test backside to 500 psi. W/300 psi on backside, sq MV perfs w/100 sx 65/35 POZ w/6% gel, 2% CaCl, 6#/sx gilsonite @ 12.2 #/gal. Tail in w/70 sx thixotropic cmt & displace to within 4 bbl of top perf & shut down for 2 min. Pump 1/2 bbl & shut down for 2 min. Continue until pressure reaches 1500 psi.
5. TIH w/3-7/8" bit on 2-3/8" tbg. Drill cmt & CO w/water. Pressure test to 500 psi. Sq again if necessary. When sq holds pressure test, roll hole w/2% KCL. TOH. TIH w/retrieving tool on 2-3/8" tbg & unload hole to 4500' w/air. Retrieve BP @ 5120' & TOH.
6. TIH w/ 2-3/8" tbg w/SN one jt above open ended bottom. Blow well w/air/mist until dry. Land tbg @ 6600'. Release rig.
7. Resume Dakota production.

Approve: _____

J. A. Howieson

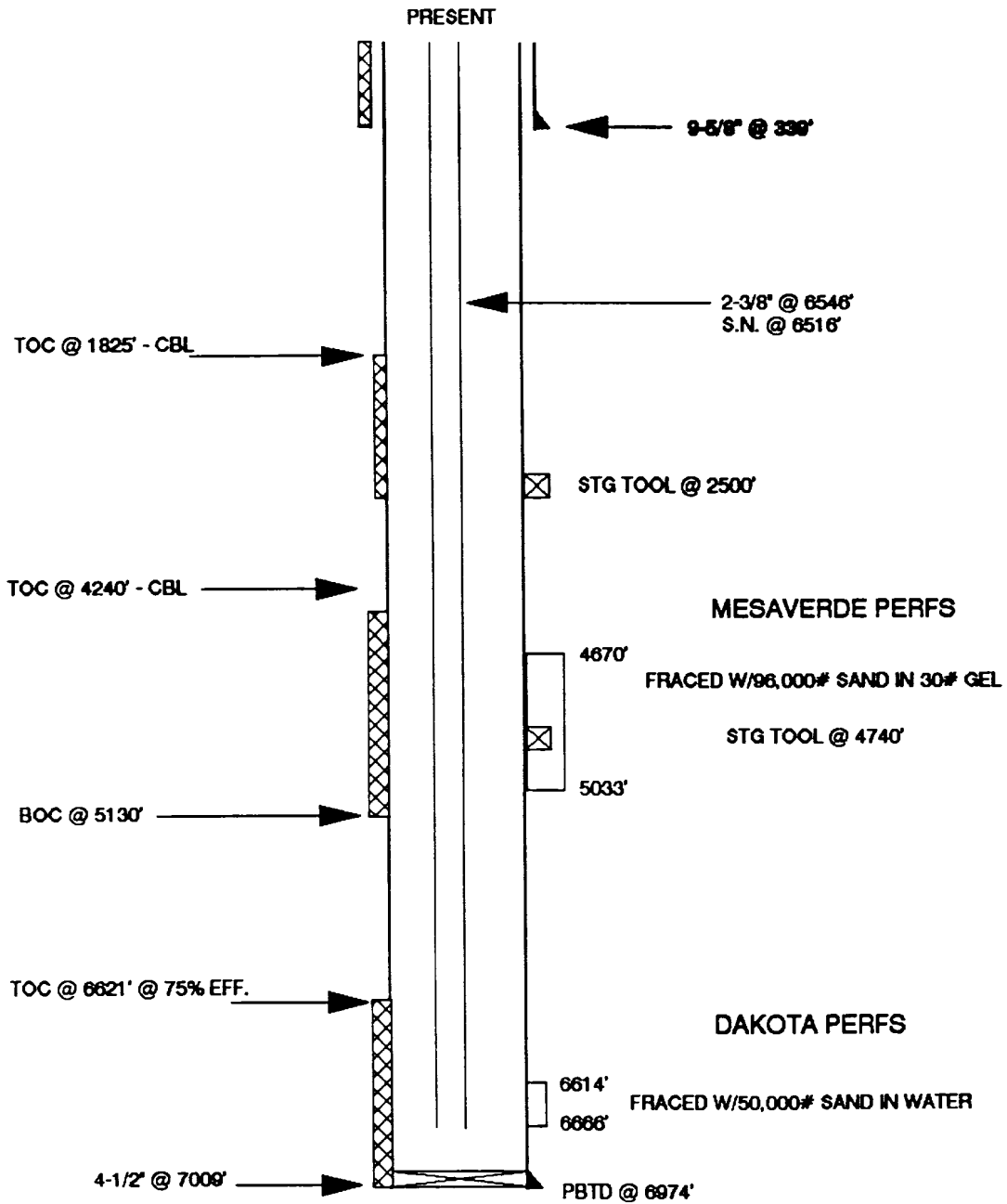
VENDORS:

Wireline:	Blue Jet	325-5584
Fracturing:	Western	327-6222

PMP

HUERFANITO UNIT #104 MV/DK

UNIT M SECTION 27 T27N R9W
SAN JUAN COUNTY, NEW MEXICO



Pertinent Data Sheet - HUERFANITO UNIT #104 DK/MV

Location: 1090' FSL 825' FWL SEC. 27 T27N R09W, SAN JUAN COUNTY, N.M.

Field: Blanco Mesaverde
Basin Dakota

Elevation: 6507' TD: 7009'
12' KB PSTD: 6974'

LEASE: Federal SF 080117

DP#: 30046

GWI: 99.55%

NRI: 68.70%

Completed: 5-15-66

Initial Potential:

DK: AOF=5791 MCF/D, SICP=1952 psi

MV: Pitot-309 MCF/D, 18 BOPD, 200 BWPD

Casing Record:

Hole Size	Csg. Size	Wt. & Grade	Depth Set	Cement	Top/Cmt
13-3/4"	9-5/8"	32.2# J-55	339'	180 sx	Circ Cmt
7-7/8"	4-1/2"	10.5, 11.6# J-55	7009'	100 sx	6621' @ 75% Eff.
		Stage Tool @	4843'	155 sx	4240' CBL
		Stage Tool @	2500'	130 sx	1825' CBL

Tubing Record: 2-3/8" 4.7# J-55 6792' 217 Jts
S.N. @ 6757'

Formation Tops:

Ojo Alamo	1422'
Kirtland	1598'
Fruitland	2079'
Pictured Cliffs	2300'
Cliffhouse	3928'
Point Lookout	4664'
Gallup	5843'
Dakota	6830'

Logging Record: Induction Log, Density Log, dual spaced neutron, CBL, after frac GR

Stimulation: Perf DK 6763'-67', 6777'-81', 6832'-40', 6850'-54', 6924'-28' w/16 spz & fraced w/50,000# sand in water.

Workover History: 6-83: Swabbed well in.

5-14-93: Perfed MV 4670'-5033' w/28-0.28" holes & fraced w/96,000# sand in 30# gel. Commingled w/DK. 6-8-93: Installed pump, rods, pumping unit, & started producing well to pipeline & oil tank.

Production History: DK: Cumulative= 2,243 MMCF & 18,000 BO. Capacity = 100 MCF/D 1 BOPD. MV/DK capacity (pumping): 75-150 MCF/D & 10-15 BOPD & 50-150 BWPD. Pumping equipment can not get fluid level below 4699' - 2092' above pump.

Pipeline: EPNG

PMP

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SF-078356B 080117

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Huerfanito Unit

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Huerfanito U 104

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☐ Other - P&A Mesa Verde; single Dakota

☐ Change of Plans

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13. Describe Proposed or Completed Operations

10-26-93 MOL&RU. Kill well. ND WH. NU BOP.

10-27-93 TOOH w/tbg. Set RBP @ 5093'. Dump sand. Set FBP @ 5076'. PT BP 1100#, failed. TOOH w/pkr. Set FBP @ 5125'. Dump sand. Set FBP @ 5108'. PT BP 1100#, failed. TOOH.

10-28-93 Set BP @ 5500' and 5752'. PT, failed. Locate split in tbg @ 4436'. Reset BP @ 5486'. PT, failed. Locate split jts tbg. Fish and recover standing valve. PT BP @ 5486', failed. Reset BP @ 5680'. PT BP 2800#, ok.

10-29-93 Set pkr @ 5451' & 5577'. PT csg 2500#, failed. Spot sand. Set RBP @ 5540'. PT csg 2500#, ok. Set pkr @ 4072'. Spot 100 sx Class "G" 65/35 Poz, tail w/100 sx thixotropic. WOC.

10-30-93 TOOH w/pkr. TIH, tag cmt @ 4408'. Drl cmt 4408-4908'.

10-31-93 Drl cmt to 5020'. TIH w/FBP, PT 600#, ok. TOOH.

11-01-93 Unload hole.

11-02-93 TOOH w/RBP. TIH, tag @ 6295'. Circ to 6950'. Blow to blow tank.

11-03-93 Blow well.

11-04-93 Ran 214 jts 2 3/8, 4.7#, J-55 8rd EUE tbg landed @ 6703'. SN @ 6670'. ND BOP. NU WH. Released rig.

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

ACCEPTED FOR RECORD

Signed [Signature] Title Regulatory Affairs Date 11/4/93

NOV 17 1993

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

FARMINGTON DISTRICT OFFICE

CONDITION OF APPROVAL, if any:

BY [Signature]