

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

- | | |
|---|---|
| <p>1. Type of Well
GAS</p> <p>2. Name of Operator
MERIDIAN OIL</p> <p>3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499 (505) 326-9700</p> <p>4. Location of Well, Footage, Sec., T, R, M
1500'FSL, 1100'FWL, Sec.23, T-27-N, R-9-W, NMPM</p> | <p>5. Lease Number
SF-078356</p> <p>6. If Indian, All. or
Tribe Name</p> <p>7. Unit Agreement Name
Huerfanito Unit</p> <p>8. Well Name & Number
Huerfanito Unit #89</p> <p>9. API Well No.
30-045-</p> <p>10. Field and Pool
Blanco MV/Basin DK</p> <p>11. County and State
San Juan Co, NM</p> |
|---|---|

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

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 checked="" 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 type="checkbox"/> Other - | |

13. Describe Proposed or Completed Operations

It is planned to squeeze off the Mesaverde zone and recompleat as a single Dakota well, as per the attached procedure & wellbore diagram.

RECEIVED
JUL 1 1 1994

OIL CON. DIV.
DIST. 3

RECEIVED
OIL CON. DIV.
JUL 11 1994
O/O FARMINGTON, NM

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

Signed *[Signature]* (MP1) Title Regulatory Affairs Date 6/30/94

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED

JUL 06 1994
[Signature]
DISTRICT MANAGER

NMOCD

HUERFANITO UNIT #89 MV/DK
Recommended Procedure
Plug MV & Recomplete Single DK
Lat.-Long. = 36.557495 - 107.762680
L 23 27 9

1. Comply to all NMOC, BLM, & MOI, rules & regulations. MOL and RU completion rig. Blow well down. NU 7-1/16" 900 series BOP with flow tee and stripping head. Test operation of rams. NU blooie line and 2-7/8" relief line.
2. TOH W/143 Jts 1-1/4" tbg & lay down. Set blanking plug in 2-3/8" tbg in S.N. @ 6699' & pressure test to 3000 psi. TOH w/221 Jts 2-3/8" tbg & Baker Model "F" seal assembly @ 4660".
3. Run 5-1/2" "CJ" milling tool on tested 2-3/8" tbg & mill (w/air/mist) & retrieve Baker Model "F" pkr @ 4660'. TOH.
4. MI Wireline Truck. Set 5-1/2" ret BP @ 4800' & top w/2 sx sand.
5. TIH w/5-1/2" pkr on 2-3/8" tbg & set @ 4200'. Pressure test csg to 1000 psi. W/500 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. Reverse out tbg, repressure, & WOC. TOH.
6. TIH w/4-3/4" bit on 2-3/8" tbg & drill out cmt to 4650' w/air/mist. Pressure test to 1000 psi. TOH. Resq if necessary.
7. TIH w/ ret tool on 2-3/8" tbg & CO to ret BP @ 4800'. Ret BP & TOH.
8. TIH w/4-3/4" bit on 2-3/8" tbg & CO to 6750'. Blow & serge DK perfs for at least one day.
9. When wellbore is sufficiently clean, TOH.
10. TIH with 2-3/8" production tbg with standard seating nipple one joint off bottom to 6750' and again blow well clean. When well is clean, land tbg @ 6700'. Take final pitot gauges, water & oil samples, and gas samples.
11. ND BOP and NU wellhead. Replace any bad valves on wellhead. Rig down & release rig.

HUERFANITO UNIT #89 MV/DK WORKOVER PROCEDURE

Page 2

Approved: _____
J. A. Howieson

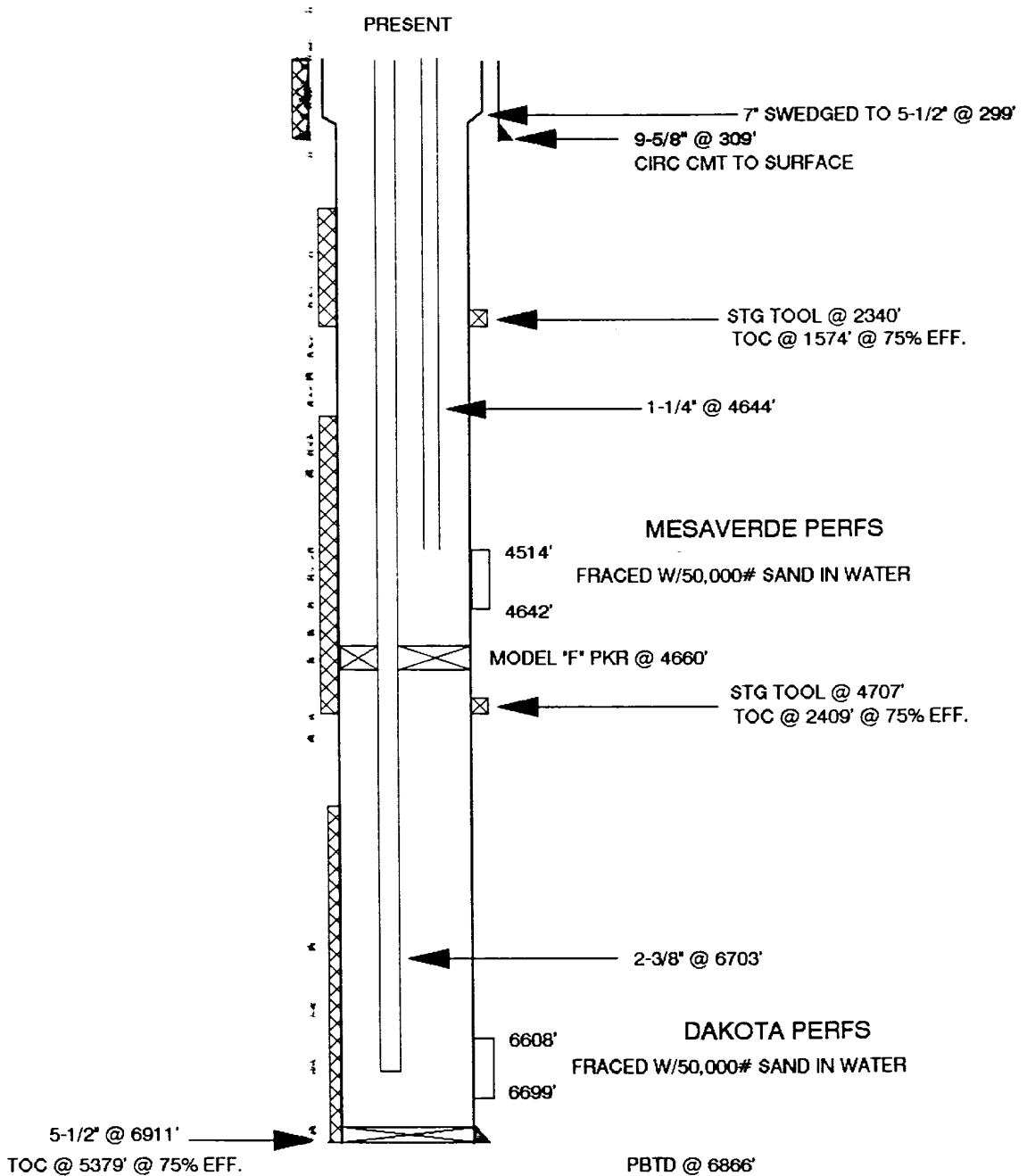
VENDORS:

Wireline: Blue Jet 325-5584

PMP

HUERFANITO UNIT #89 MV/DK

UNIT L SECTION 23 T27N R9W
SAN JUAN COUNTY, NEW MEXICO



Pertinent Data Sheet - HUERFANITO UNIT #89 MV/DK

Location: 1500' FSL 1100' FWL SEC. 23 T27N R09W, SAN JUAN COUNTY, N.M.

Field: Basin Dakota
Blanco Mesaverde

Elevation: 6291' TD: 6911'
10' KB PBTD: 6866'

Prop#: MV:?????23 DK:?????05

Lease: Federal: SF 078356

DP#: DK=30054 MV=30025

GWI: MV=87.85% DK=95.14%

NRI: MV=73.20% DK=77.48%

Completed: 5-22-65

Initial Potential:

DK: AOF=2616 MCF/D, Q=2505 MCF/D, SICP=1896 PSI

MV: AOF= 165 MCF/D, Q= 165 MCF/D, SICP=1008 PSI

Casing Record:

Hole Size	Csg. Size	Wt. & Grade	Depth Set	Cement	Top/Cmt
13-3/4"	9-5/8"	32.3# H-40	309'	200 sx	N/A
8-3/4"	7"	23# S-95	(299')		
7-7/8"	5-1/2"	15.5# J-55	6911'	300 sx	5379'@ 75% Eff.
		DV Tool @	4707'	450 sx	2409'@ 75% Eff.
		DV Tool @	2340'	150 sx	1574'@ 75% Eff.

Tubing Record: 2-3/8" 4.7# J-55 6703' 221 Jts S.N. @ 6699'
Baker Model "F" Pkr @ 4660'
1-1/4" 2.3# J-55 4644' 143 Jts

Formation Tops:

Ojo Alamo	1332'	Gallup	5693'
Kirtland	1446'	Greenhorn	6502'
Fruitland	1996'	Graneros	6558'
Pictured Cliffs	2217'	Dakota	6669'
Cliffhouse	3786'		
Point Lookout	4500'		

Logging Record: Induction, Acoustic Velocity

Stimulation: Perf DK @ 6608'-12'w/4 spf, 6678'-84'w/2 spf, 6695'-99'w/4 spf & fraced w/50,000# sand in water.

Perf MV @ 4514'-22', 4559'-67', 4613'-21', 4634'-42', w/1 sfp & fraced w/50,000# sand in water.

Workover History: None

Production History: MV never produced. DK 1st delivered on 1-1-66. DK Cumulative: MV=1412 MMCF & 10,808 BO. MV Tbg=??? psi. MV Csg=??? psi. Bradenhead=0 psi. DK Tbg = 1110 psi. Line= 212 psi.

Pipeline: EPNG

PMP