

**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
1190'FNL, 1190'FEL Sec.17, T-27-N, R-9-W, NMPM

5. Lease Number
NM-011393

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

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

10. Field and Pool
Basin Dakota

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 ☐ Change of Plans
☐ Recompletion ☐ New Construction
☐ Plugging Back ☐ Non-Routine Fracturing
☒ Casing Repair ☐ Water Shut off
☐ Altering Casing ☐ Conversion to Injectio
☐ Other -

13. Describe Proposed or Completed Operations

It is intended to repair the casing leak in the subject well per the attached procedure and wellbore diagram.

RECEIVED
JAN 10 1994
OIL CON. DIST.
DIST. 3

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

Signed *Don Stachurski* (MP) Title Regulatory Affairs Date 12/30/93

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

CONDITION OF APPROVAL, if any:

APPROVED

JAN 06 1994
Date

DISTRICT MANAGER

HUERFANITO #8 DK
Repair Casing Leak
Recommended Procedure
A 17 27 9

1. Comply to all NMOCD, BLM, & MOI rules & regulations. MOL and RU completion rig & blow pit. Blow well down. NU 6" 900 series BOP with flow tee and stripping head. Test operation of rams. NU blooie line and 2-7/8" relief line.
2. Only if necessary, kill well w/2% KCL water. Set blanking plug in S.N. @ 6638' & pressure test tbg to 2000 psi. TOH W/215 jts 2-3/8" tbg. Replace any bad jts.
3. Set ret BP on wireline @ 6400' & top w/3 sx sand & load hole.
4. TIH w/pkr on 2-3/8" tbg. Set pkr @ 6300' & pressure test ret BP @ 6400' to 1000 psi. Using pkr, locate csg leak.
5. Set pkr 300' above leak & squeeze casing leak w/C1 "B" cmt as required. Max. pressure is 2000 psi. PU, reverse out, & repressure. WOC. TOH.
6. TIH w/3-7/8" bit on 2-3/8" tbg. Drill & CO w/water to below csg leak. Pressure test to 1000 psi. Squeeze again if necessary.
7. When csg holds pressure, unload hole w/air/mist, retrieve BP @ 6400', & TOH. W/ 3-7/8" bit on 2-3/8" tbg, CO to PBTD 6862' w/air/mist. TOH.
8. TIH w/2-3/8" tbg open ended w/S.N. one jt off bottom & land @ 6800'. Replace any bad wellhead valves. ND BOPs & NU wellhead.
9. Resume production.

Approved: _____
J. A. Howieson

VENDORS:

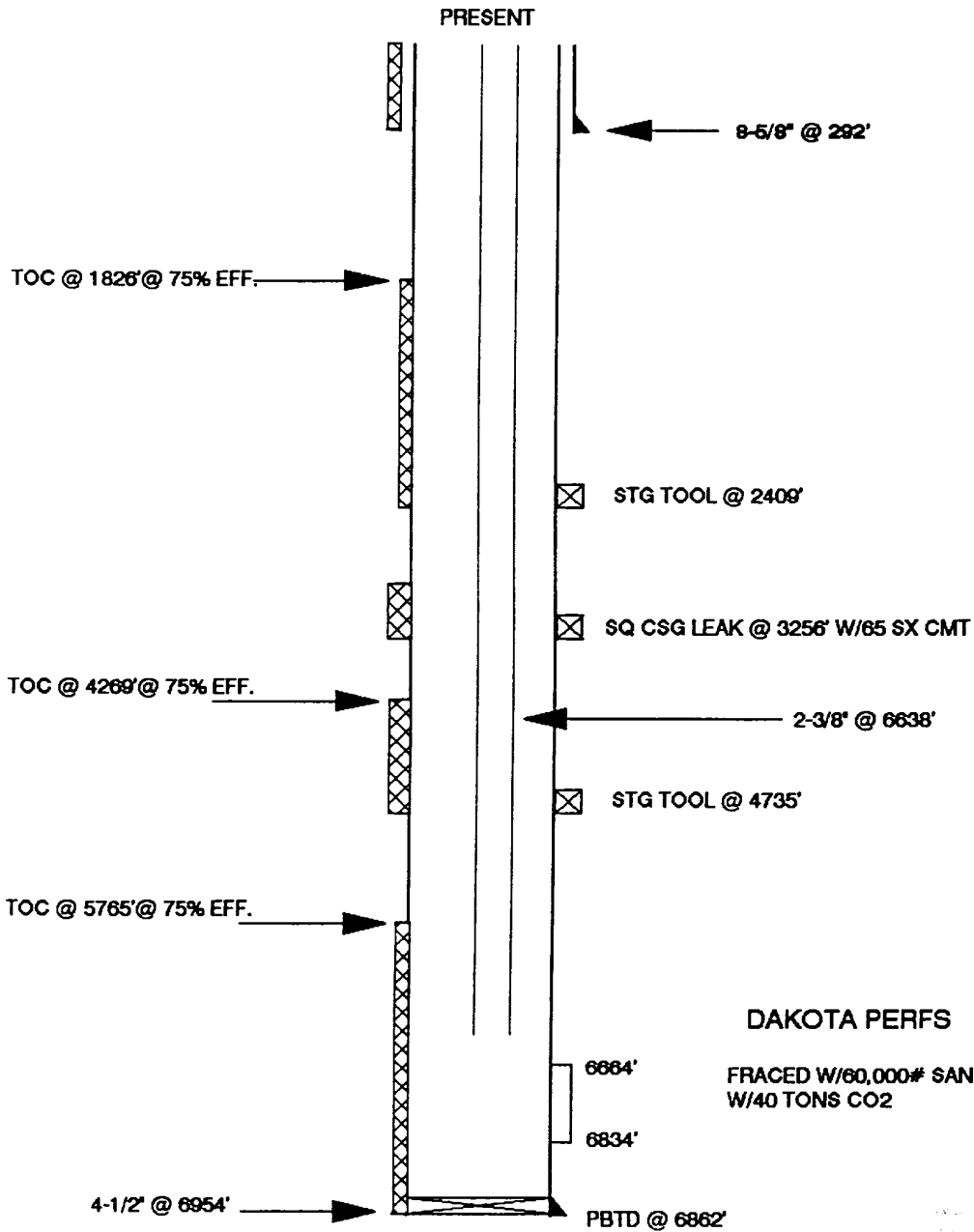
Cement: Dowell 325-5096

PMP

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DIST. 3

HUERFANITO #8 DK

UNIT A SECTION 17 T27N R9W
SAN JUAN COUNTY, NEW MEXICO



DAKOTA PERFS

FRACED W/60,000# SAND IN WATER
W/40 TONS CO₂

RELEASED
JAN 1 1984
OIL CON. DIV
DIST. 2

Pertinent Data Sheet - HUERFANITO #8 DK

Location: 1190' FNL 1190' FEL SEC. 17 T27N R09W, SAN JUAN COUNTY, N.M.

Field: Basin Dakota

Elevation: 6338' TD: 6965'

14' KB PBTD: 6862'

Lease: Federal USA NM 011393

DP#: 28972A

Prop#: 012632906

GWI: 98.02%

NRI: 83.82%

Completed: 3-2-66

Initial Potential:

AOF=2436 MCF/D, Q=2284 MCF/D, SICP=2014 psi

Casing Record:

Hole Size	Csq. Size	Wt. & Grade	Depth Set	Cement	Top/Cmt
12-1/4"	8-5/8"	24# J-55	292'	250 sx	Circ Cmt
7-7/8"	4-1/2"	10.5# J-55	6954'	306 sx	5765'@ 75% Eff.
		Stage Tool @	4735'	120 sx	4269'@ 75% Eff.
		Stage Tool @	2409'	150 sx	1826'@ 75% Eff.

Tubing Record: 2-3/8" 4.7# J-55 6638' 215 Jts
S.N. @ 6638'

Formation Tops:

Ojo Alamo	1340'
Kirtland	1475'
Fruitland	2034'
Pictured Cliffs	2246'
Mesaverde	3864'
Point Lookout	4573'
Gallup	5775'
Dakota	6724'

Logging Record: Induction Log, Density Log

Stimulation: Perf DK @ 6664'-72', 6724'-36', 6744'-56', 6804'-10', 6818'-23', 6828'-34' & fraced w/60,000# sand in water w/40 tons CO2.

Workover History: 9-27-91: Sq csg leak @ 3256' w/40 sx cmt. Resq w/25 sx cmt. Acidized DK perfs w/2000 gal 15% HCL.

Production History: First Delivery = 6-1-66. Cumulative= 845 MMCF & 8,462 BO. Capacity = 0 MCF/D. Bradenhead = 0 psi. Tbg pressure = 722 psi. Csg pressure = 908 psi. Line Pressure = 156 psi. Started making large amount of drilling mud on 12-21-93.

Pipeline: EPNG

PMP