

State of New Mexico
Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION

Form C-103

Sundry Notices and Reports on Wells

1. Type of Well GAS	API NO. (assigned by OCD)
2. Name of Operator Meridian Oil Inc.	5. Type of Lease Fee
3. Address of Operator PO Box 4289, Farmington, NM 87499	6. State Oil & Gas Lease # Fee
4. Well Location 1650'N, 1650'E Sec. 23, T-29-N, R-11-W NMPM San Juan County	7. Lease Name/Unit Name Hare
	8. Well No. 1
	9. Pool Name or Wildcat Aztec Fruitland Sand

10. Elevations
' GR

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

12. Describe proposed or completed operations:

It is intended to plug and abandon this well per the attached procedure and diagram.

RECEIVED
OCT 10 1991
OIL CON. DIV.
DIST. 3

SIGNATURE Regan Dean, L.L.D. (MD) Regulatory Affairs

10-8-91
Date

(This space for State use)

APPROVED BY Original Signed by CHARLES GHOLSON
CONDITION OF APPROVAL, IF ANY:

DEPUTY OIL & GAS INSPECTOR, DIST. # 1
TITLE DATE OCT 10 1991

Q 471388
2000
VIA MICRO IO
LIBRO

HARE #1 FRT SAND
P & A Procedure
G 23 29 11

1. Comply to all NMOC, BLM, & MOI, rules & regulations.
MOL and RU completion rig. NU 6" 900 series BOP with flow tee and stripping head. Test operation of rams. NU bleed line and 2-7/8" relief line. Blow well down.
2. TOH w/1490' 1" tbg. Run 4-1/2" csg scraper on rental 2-3/8" tbg to 1450'. Run 4-1/2" cmt retainer on 2-3/8" tbg & set @ 1450'. Sting out of ret & test csg to 300 psi. Sting back into ret.
3. Squeeze Fruitland Sand perms 1494'-1506' w/10 sx cmt. This will cover perms w/100% excess. Sting out of ret & pump 1sx cmt on top ret. PU & reverse out. TOH.
4. Perf 2 sq holes @ 1335'. TIH w/2-3/8" tbg to 1335'. With bradenhead valve open (8-5/8" X 4-1/2") & pipe rams closed, pump 40 sx cmt. This will fill backside csg from 1335' (50' below top of Fruitland) to 1285' (50' above top of Fruitland) w/100% excess. Open pipe rams & circ 11 sx cmt. This will fill inside pipe from 1335' to 1235' plus 50% excess. PU & reverse out.
6. Perf 2 sq holes @ 633'. With tbg @ 630', bradenhead valve open, & pipe rams closed, attempt to circ cmt out bradenhead valve - about 150 sx cmt. Open pipe rams & circ 16 sx cmt. This will fill inside pipe from 633' (50' below top to Kirtland) to 495' (50' above top of Ojo Alamo) w/50% excess cmt.
7. a. If cmt has not circ out bradenhead valve, perf 2 holes @ 130' & circ cmt down csg & out bradenhead.
b. If cmt has circ out bradenhead, run 130' tbg & circ cmt out 4-1/2". TOH.
8. Cut off wellhead below surface casing flange and install dry hole marker to State specs.
9. Restore location to State specs.

Approve: _____
R. F. Headrick

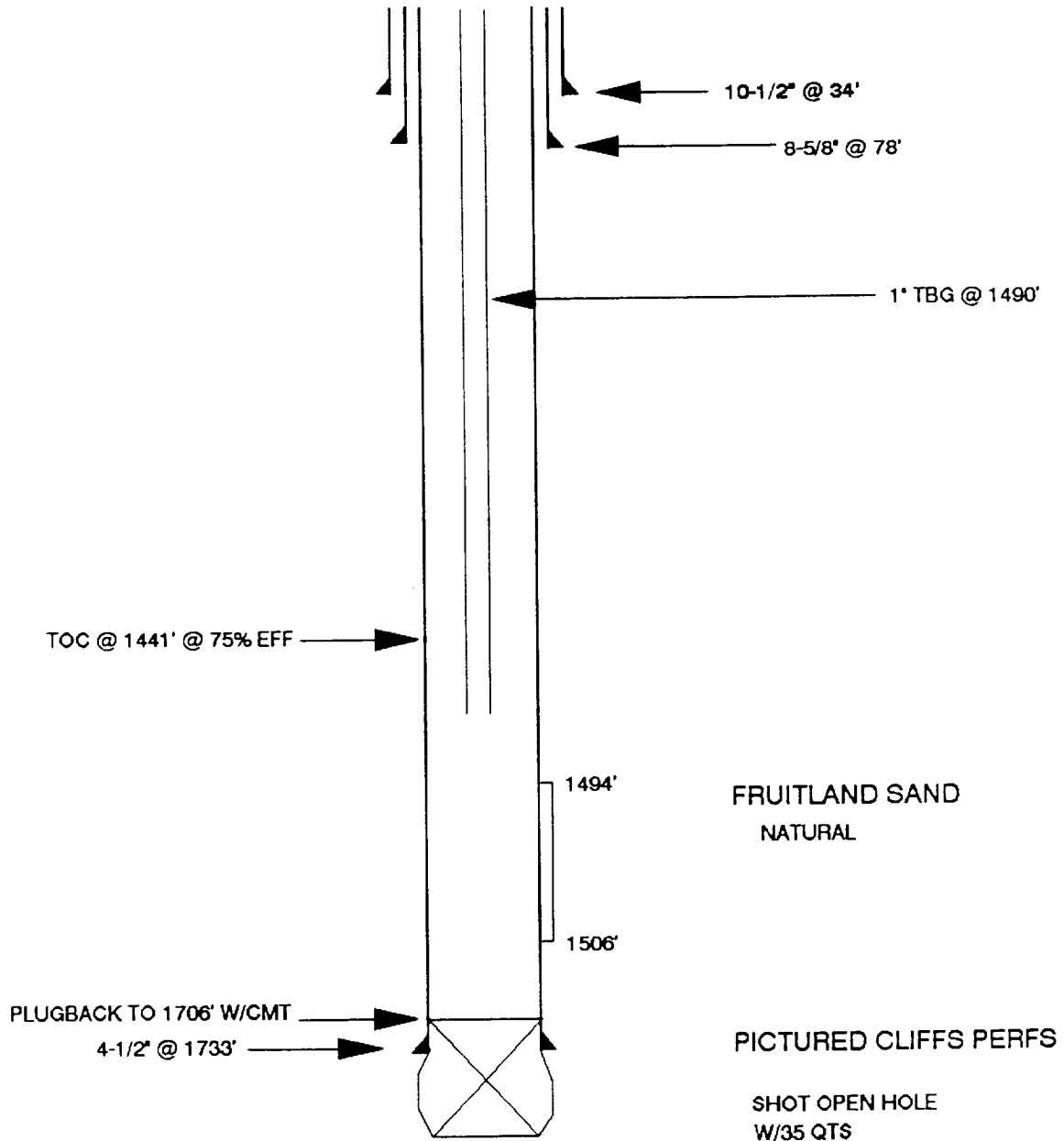
VENDORS:

Wireline:	Petro	326-6669
Cementing:	Howco	325-5096

PMP

HARE #1 FRT SAND

UNIT G SECTION 23 T29N R11W
SAN JUAN COUNTY, NEW MEXICO



Pertinent Data Sheet - HARE #1 Fruitland Sand

Location: 1650' FNL 1650' FEL, SEC. 23 T29N R11W, SAN JUAN COUNTY, N.M.

Field: Aztec Fruitland Sand

Elevation: 5485' GR

TD: 1766'

PBTD: 1706'

Completed: 8-30-53

GWI: 100.00%

NRI: 80.00%

DP Number: 48902A

Initial Potential:

AOF=241 MCF/D 570 PSI

Casing Record:

<u>Hole Size</u>	<u>Csg. Size</u>	<u>Wt. & Grade</u>	<u>Depth Set</u>	<u>Cement</u>	<u>Top/Cmt.</u>
	10-1/2"	32.0#	* 34'	15 sx	N/A
10-1/2"	8-5/8"	32.0#	78'	22 sx	N/A
7-7/8"	4-1/2"	11.0#	1733'	75 sx	1441'@ 75%

* This csg set due to quicksand on location.

Tubing Record:

1"	1.68#	1490'
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Formation Tops:

Ojo Alamo	545'
Kirtland	583'
Fruitland	1285'
Pictured Cliffs	1714'

Logging Record: Electric Log

Stimulation: Drilled out P.C. w/cable tools. Shot P.C w/35 qts. P.C. sand dry. Plugged back P.C. 60' w/18 sx cmt. Perfed Fruitland Sand 1494'-1506' w/36 holes.

Workover History: None

Production History: 1st delivery in 4-54. Capacity = 0 MCF/D. Cumulative = 153 MMCF & 420 BO.