

submitted in lieu of Form 3160-5

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
1700' FNL, 1000' FNL Sec. 31, T-31-N, R-11-W, NMPM

5. Lease Number
SF-078115

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Thurston #1

9. API Well No.
30-045-

10. Field and Pool
Aztec Pic. Cliffs

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

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

RECEIVED
JUL 6 1993
OIL CON. DIV.
DIST. 3

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

070 FARMINGTON, NM

53 JUL -1 PM 3:49

RECEIVED
BLM

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

Signed [Signature] (TJM) Title Regulatory Affairs Date 7/1/93

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

CONDITION OF APPROVAL, if any:

APPROVED

JUL 02 1993

DISTRICT MANAGER

NM002

**THURSTON #1 PC
P & A Procedure
E Sec 31 T31N R11W
San Juan County, New Mexico**

1. Comply with all NMOC, BLM, & MOI rules and regulations. Test rig anchors & MI blow pit. MOL and RU completion rig. NU BOP and stripping head. Test operation of rams. Install 2-3/8" relief line. Blow well down.
2. TOH w/ 1-1/2" tbg and lay down.
3. Run 4-1/2" csg scrapper on 2-3/8" rental string to 2993'. TOH.
4. TIH w/ cmt retainer, set @ 1900'; pressure test tbg to 1500#. Establish rate into perforations. Plug #1 from 2430' to 1900' w/ 68 sxs Class B cmt (100% excess over the productive interval and 50% excess in the csg). Squeeze 63 sxs cmt under CR and spot 5 sxs above.
5. TOH to 1800' and spot 18 bbls 8.4# 40 vis mud to 810'. TOH. Pressure test casing to 500#.
6. Perforate 4 holes at 810'. PU 4-1/2" cement retainer and TIH to 750', set CR; establish rate into holes. Plug #2 from 810' to 680' with 45 sxs class "B" cement (100% excess outside , 50 % inside). Squeeze 37 sxs below cement retainer and spot 8 sxs on top.
7. TOH to 615' and spot 7 bbls of 8.4# 40 vis mud from 615' to 150'. TOH and lay down tubing.
8. Perforate 2 holes at 150'. Establish circulation out of the bradenhead valve. Plug #3 from 150' to surface with approximately 50 sxs class "B" cement, circulate cement to surface. Shut the well in.
9. ND BOP and cut off wellhead below ground level and install dry hole marker according to BLM specs.
10. Restore location to BLM specs.

Approve: _____
J. B. Fraser

N. D. Rogers

TJM:tjm

Pertinent Data Sheet - Thurston #1 PC

Location: Unit: E Sec. 31 T- 31N R-11W County: San Juan, New Mexico

Field: Aztec Pictured Cliffs **Elevation:** GL: 5939' **TD:** 2494'
KB: 5950' **PBTD:** 2494'

Spud Date: 10-1-68 **Completed:** 10-17-68 **Meridian W.I.:** 25.000%
N.R.I.: 20.875%

Initial Potential: AOF = 684 MCFD **DP#:** 74241
SICP = 578 PSIG

Casing/Liner Record:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight & Grade</u>	<u>Depth Set</u>	<u>Cement</u>	<u>TOC</u>
13-3/4"	8-5/8"		98'	100 sx	
6-3/4"	4-1/2"	9.6#	2493'	100 sx	1852' 75% eff

Tubing Record:

<u>Tubing Size</u>	<u>Weight & Grade</u>	<u>Depth Set</u>
1-1/2"	2.75 J-55	2412'

Formation Tops:

Ojo Alamo	730'
Kirtland	760'
Fruitland	1950'
Pictured Cliffs	2330'

Logging Record: IES

Stimulation: Perfed from 2406' - 16' and 2422' - 30' w/ 2SPF. Fraced w/ 30,000# 10/20 sand and 36,120 gals. wtr. ATP = 1500 psi. Max TP = 2200 psi. AIR = 38 BPM. 15 min SIP = 200 psi.

Workover History: NONE

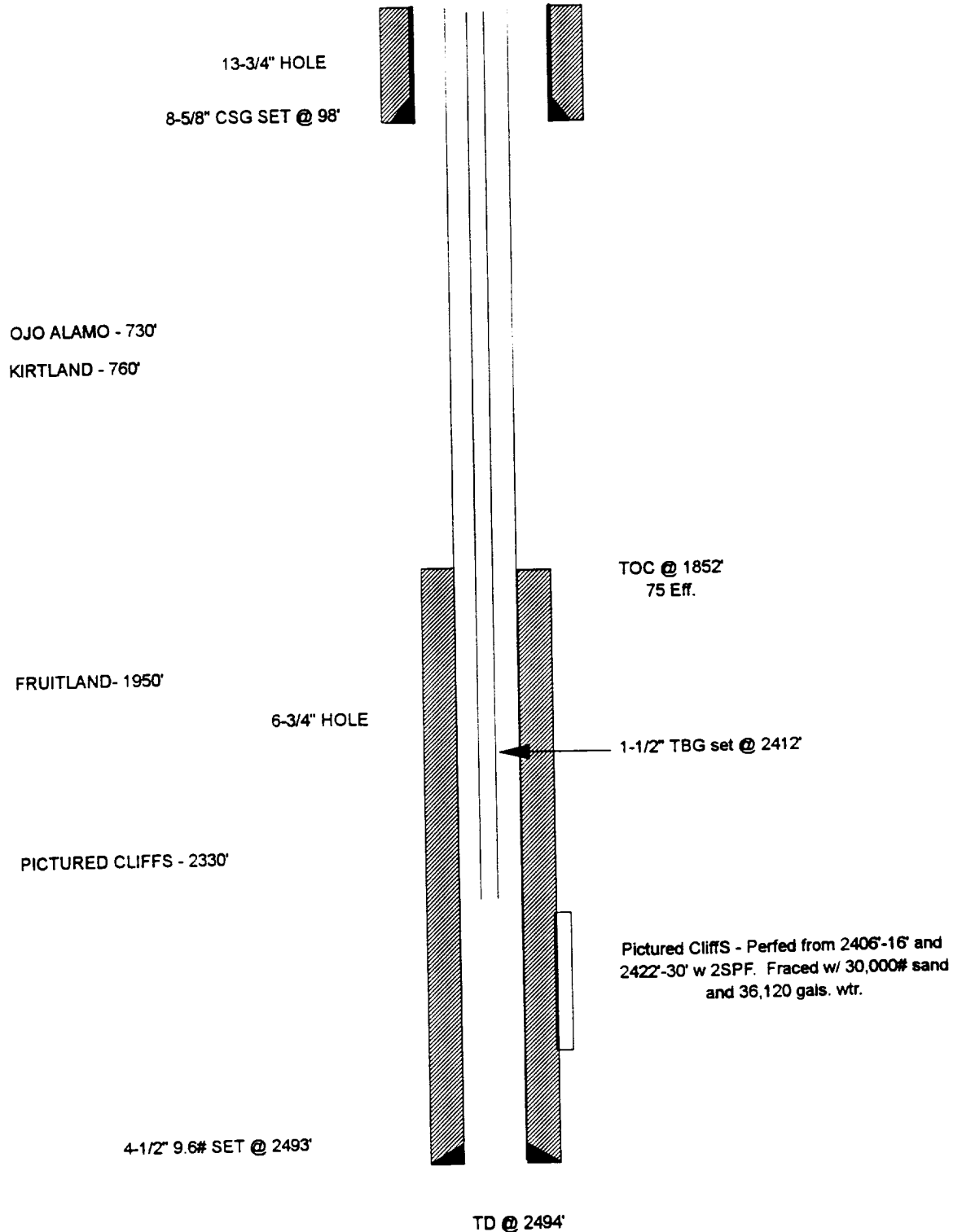
Pipeline: SUG

Production Information: Cum 257MCF, Capacity 0 MCFD, Csg = 80psi, B.H. = 274 psi, Tbg = 5 psi, Line = 165. Bradenhead flows gas and does not stop flowing after 15 min.

TJM
5/20/93

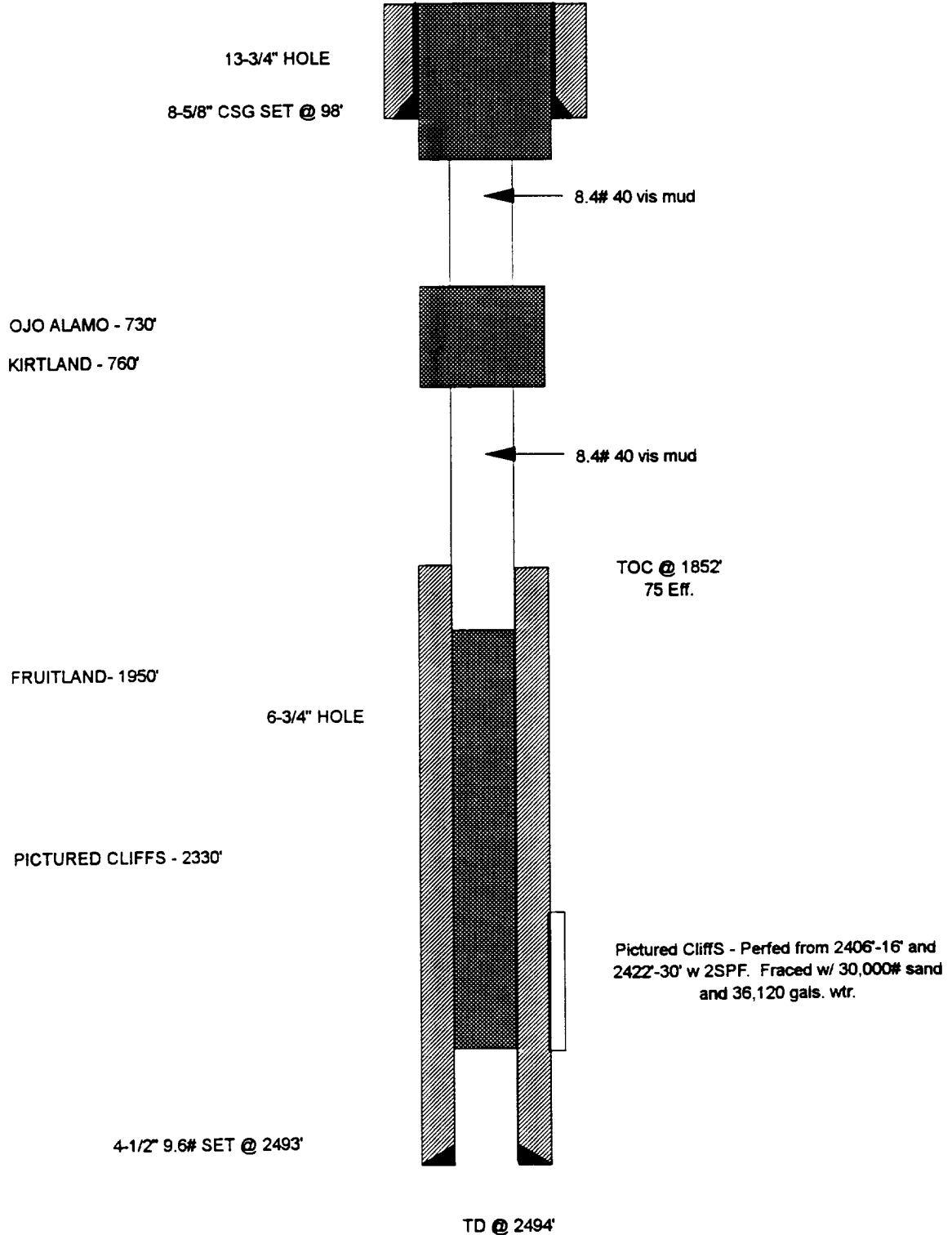
THURSTON #1
E SECTION 31, T31N, R11W
SAN JUAN COUNTY, NEW MEXICO

WELLBORE SCHEMATIC
PRESENT



THURSTON #1
E SECTION 31, T31N, R11W
SAN JUAN COUNTY, NEW MEXICO

WELLBORE SCHEMATIC
PROPOSED



IN REPLY REFER TO
(019)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA
1235 LA PLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401

Attachment to Notice of

Re: Permanent Abandonment

Intention to Abandon

Well: 1 Thurston

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal Leases."
2. Mark Kelly with the Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907
3. Blowout prevention equipment is required.
4. The following modifications to your plugging program are to be made (when applicable):

Office Hours: 7:45 a.m. to 4:30 p.m.