

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	5. Lease Number SF-047039B
2. Name of Operator Meridian Oil Inc.	6. If Indian, All. or Tribe Name
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	7. Unit Agreement Name
4. Location of Well, Footage, Sec., T, R, M 1090'FSL, 1650'FWL Sec.8, T-28-N, R-10-W, NMPM	8. Well Name & Number Kutz Canyon Oil & Gas #2
	9. API Well No.
	10. Field and Pool Basin Ft Coal
	11. County and State San Juan Co, NM

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 type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction	
<input type="checkbox"/> Final Abandonment	<input checked="" 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 intended to plug back the wellbore from the Fulcher Kutz Pictured Cliffs to the Basin Fruitland Coal formation per to the attached revised procedure and wellbore diagrams.

The name of this well location is the Kutz Canyon Oil & Gas #2.

RECEIVED
JUL 29 1992
OIL CON. DIV.
DIST. 3

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

Signed [Signature] (KAS) Title Regulatory Affairs Date 7/21/92

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

CONDITION OF APPROVAL, if any:

APPROVED

Date

JUL 27 1992

AREA MANAGER

Submit to Approprate
District Office
State Lease-4 copies
Fee Lease-3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-182
Revised 1-1-89

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Denver CO, Arizon, NM 88210

DISTRICT III
1000 Rio Grande Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Meridian Oil Inc.			Lease (SF-047039B) Kutz Canyon Oil & Gas		Well No. 2
Unit Later N	Section 8	Township 28 North	Range 10 West	County San Juan	
Actual Footage Location of Well: 1090 feet from the South line and 1650 feet from the West line					
Ground level Elev. 5724'	Producing Formation Fruitland coal		Pool Basin	Dedicated Acreage: 255.68 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or inkline marks on the plat below.

2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by commutation, unitization, force-pooling, etc.?

☐ Yes ☐ No If answer is "yes" type of consolidation

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by commutation, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

Prepared from a plat:
by C.O. Walker
dated June 17, 1957

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature
Peggy Bradfield

Printed Name
Regulatory Affairs

Position
Meridian Oil Inc.

Company
7-23-92

Date
7-23-92

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

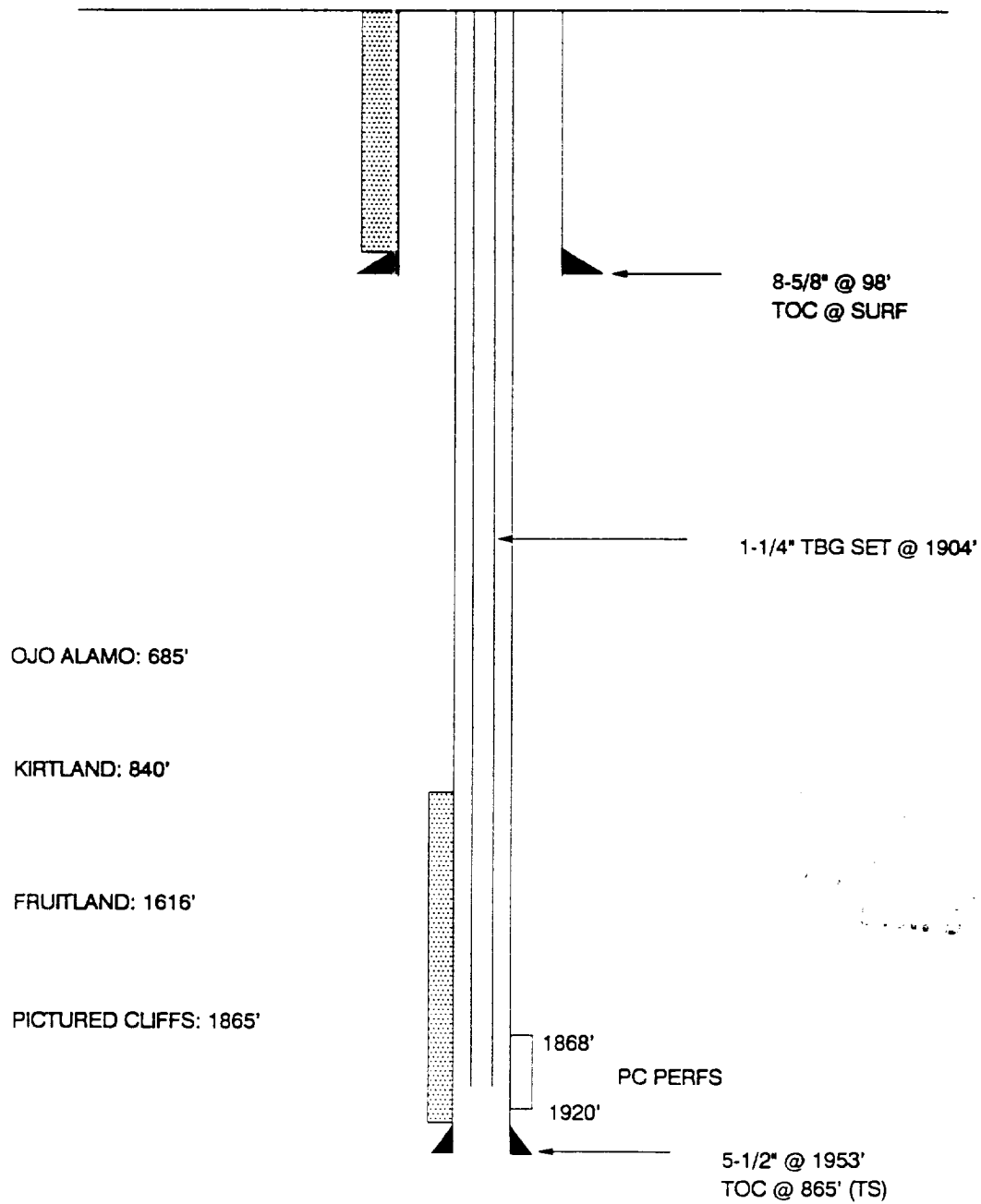
Date
7-10-90

Date Surveyed

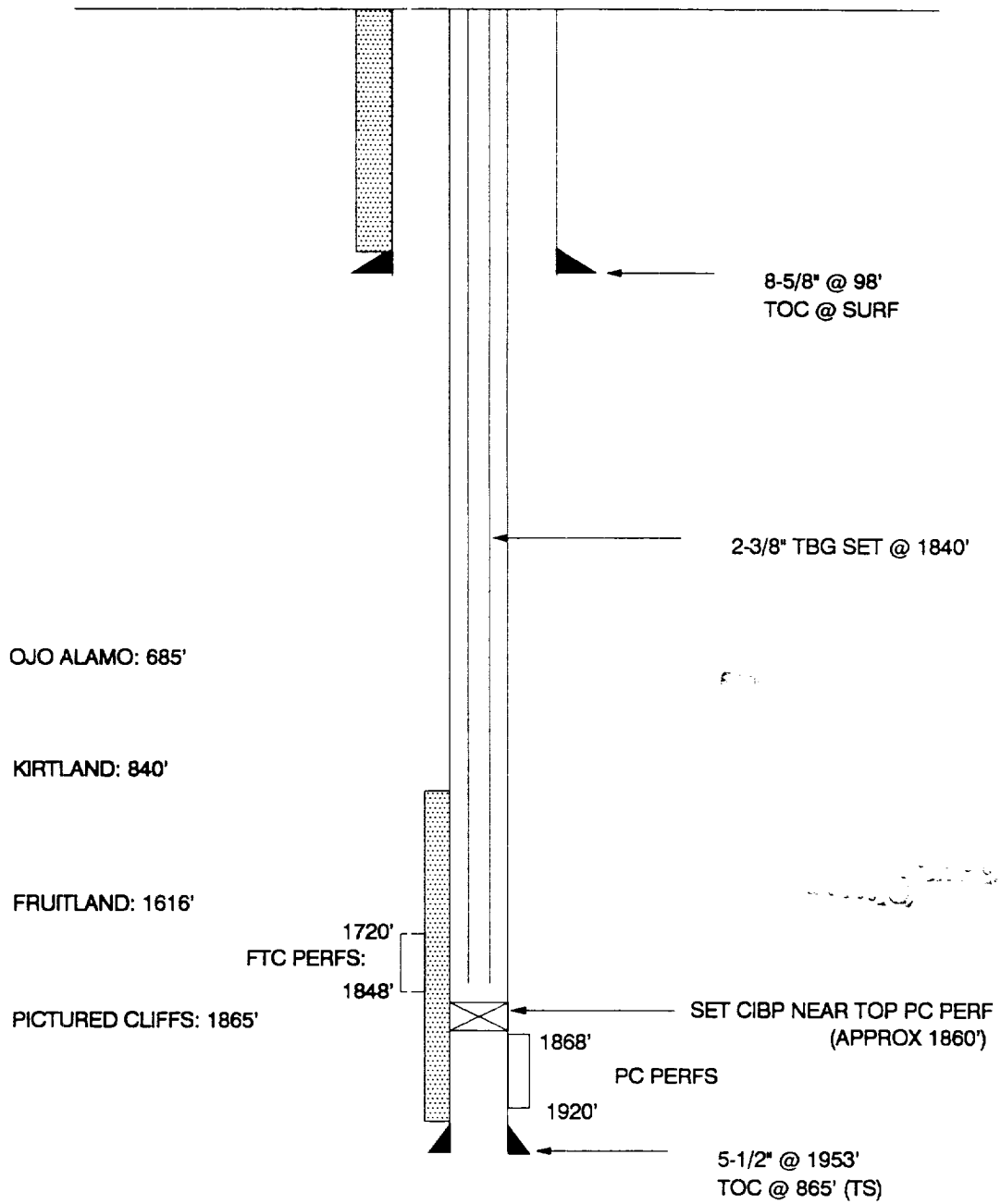
Signature
Professional Surveyor

NEW MEXICO
6857
6857
Neale C. Edwards

CURRENT
KUTZ CANYON OIL AND GAS #2
UNIT N SECTION 8 T28N R10W
SAN JUAN COUNTY, NEW MEXICO



PROPOSED
KUTZ CANYON OIL AND GAS #2
UNIT N SECTION 8 T28N R10W
SAN JUAN COUNTY, NEW MEXICO



KUTZ CANYON OIL AND GAS #2
Recommended Recompletion Procedure
Unit N Section 8 T28N R10W

JUL 23 1992
OIL CON. DIV.
DIST. 9

1. MOL and RU. ND wellhead. NU BOP. Load hole with water.
2. TOOH w/ 1904' of 1.25" tbg.
3. PU 5-1/2" csg scraper on 2-3/8" tbg and TIH to 1865'. TOOH.
4. RU wireline and run CEL & CNL from 1870' - 650'. Pick perforations from log.
5. Set 5-1/2" cmt ret as close to the bottom Fruitland coal as upper PC perforations will allow (approx 1860'). Pressure test csg and cmt ret to 1000 psi. If csg fails, isolate csg leaks and squeeze as required. Re-run CBL at 1000 psi if bond appeared inadequate above and below coal in step 4.
6. TIH w/ 2-3/8" tbg and full-bore pkr and set @ 1600'. Pressure test csg under pkr and cmt ret to 4000 psi. TOOH w/ pkr.
7. Perf Fruitland coal w/ 3-1/8" HSC guns w/ 9.8 gram charges. Shoot approx 1720-30', 1780-90' and 1836'-48' w/ 4 SPF. Choose exact perfs from CNL.
8. TIH w/ 2-3/8" tbg and SAP tool w/ 4' spacing. Breakdown perfs with 1 bbl/ft at 1 BMF with 32 bbls 15% HCL. Add 0.3% quaternary amine type clay stabilizer, an inhibitor and sequestering agent to the acid. TOOH.
9. TIH w/ 3-1/2" 9.3# N-80 Flush jt (4.25" OD, 2.2992" ID) frac string and full bore pkr and set at 1600'.
10. RU HOWCO for fracture treatment. Hold safety meeting with all personnel. Pressure test surface lines to 5000 psi. Fracture treat coal according to the attached schedule at 30 BPM w/ 70,000 lbs Arizona sand. Flush with 585 gals 70 quality foam. All sand to be tagged with 0.4 mCi/1000# Ir-192 tracer. Estimated treating pressure is 2500 psi. Maximum treating pressure is limited to 4000 psi. Monitor bottomhole and surface treating pressure, rate, foam quality and sand concentration with computer van.
11. Immediately upon completion of the stimulation, flow the well to pit on 1/8" positive choke for 10 minutes. Monitor flow back pressure on square root of time vs pressure plot. SI well for 2 hours for gel break.
12. After gel break, open well through choke manifold & monitor flow. Flow @ 20 bbls/hr, or less if sand is observed.
13. When well ceases to flow, TOOH w/ frac string & pkr. TIH w/ 2-3/8" tbg and clean out to TD until sand flow stops. TOOH. Take Pitot gauges when possible.
14. Run After-Frac-Gamma-Ray log from TD - 1400'.

KUTZ CANYON OIL AND GAS #2
Recommend Recompletion Procedure
Page 2

15. TIH w/ 1840' of 2-3/8" tbg w/ standard seating nipple one jt off bottom. Take final Pitot gauge and gas & water samples.
16. ND BOP and NU wellhead. Rig down & release rig.

Approve:

J. A. Howieson

VENDORS:

Wireline:	Petro	326-6669
Fracturing:	HOWCO	325-3575
RA Tagging:	Protechnics	326-7133

ONE COPY TO
DIST. 3