

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
1850'FNL, 1850'FEL Sec.1, T-29-N, R-12-W, NMPM

5. Lease Number
SF-065557A
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name
8. Well Name & Number
Cornell #5
9. API Well No.
10. Field and Pool
Undes Fruitland
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 checked="" 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 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 Injectio
	<input type="checkbox"/> Other -	

13. Describe Proposed or Completed Operations

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

RECEIVED
APR 1 1994

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

RECEIVED
BLM
APR 1 1994 PM 3:22

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

Signed [Signature] (LWD) Title Regulatory Affairs Date 3/30/94

(This space for Federal or State Office use)
APPROVED BY _____ Title _____
CONDITION OF APPROVAL, if any:

APPROVED

APR 7 1994
DISTRICT MANAGER

NMOCD

PLUG & ABANDON PROCEDURE

CORNELL # 5
Fruitland Sand
NE/4 Sec. 1, T29N, R12W
San Juan Co., New Mexico

1. Install and test location rig anchors. Prepare blow pit. MI atmospheric blow tank.
2. MOL and RU daylight pulling unit. Comply to all NMOCD, BLM, and MOI regulations. Conduct safety meeting for all personnel on location. NU relief line to atmospheric tank.
3. Blow down well and kill with water as necessary. ND wellhead and NU BOPs. Test operation of BOPs.
4. PU on tubing hanger and TOH laying down 1 1/4" tubing.
5. **Plug # 1 (Fruitland Sand Perforations, and Fill 2 7/8" Casing Back to Surface):** Establish rate down 2 7/8" casing. Squeeze perforations and fill 2 7/8" casing with 47 sx class B cement.
6. Cut off wellhead below surface casing flange and install dry hole marker to BLM specifications. Release rig and restore location.
 - * Cement volumes are calculated from 50' above to 50' below formation tops.
 - * Surface plug volume is calculated from 50' below casing shoe to surface.
 - * All cement volumes are calculated with 100% volume excess outside pipe and 50 foot plug length excess inside pipe.
 - * Plugs spotted on top of cement retainers will fill minimum of 50' inside pipe.
 - * Drilling mud will be mixed to 8.4 ppg weight and 40 viscosity.

Recommended:

Operations Engineer

Approval:

Production Superintendent

lwd 3/25/94

Pertinent Data Sheet

Well Name: Cornell # 5 **DP Number:** 52937A

Well Type: Fruitland Sand **Elevation:** 5754' GL

Location: 1850' FNL, 1850' FEL, Sec 1, T29N. R12W
San Juan Co., New Mexico

Ownership: GW: 100.00% **Drilling:** Spud Date: Oct 15, 1955
NRI: 79.00% Total Depth: ?
PBTD: 1811'

Casing and Tubing:

<u>Hole Size</u>	<u>Size, Wt. & Grade</u>	<u>Depth</u>	<u>Cement</u>	<u>TOC</u>
12 1/4"	8 5/8", 24# J55	96'	75 sx	Surf
7 7/8"	5 1/2", 14# J55	2022'	100 sx	?
	2 7/8", 6.4# J55	1760'	140 sx	Surf
Tubing	1 1/4", 2.3# J55	1659'		

Geology: Field: Undesignated Fruitland Sand

Formation Tops:

Ojo Alamo	602'
Kirtland	795'
Fruitland	1645'
Pictured Cliffs	2021'

Logging: ES 135' - 2021'.

Stimulation: Fruitland: Fractured with 15,500 lbs sand and 26,330 gal slick water.

Workover History: Original open-hole, Pictured Cliffs completion plugged back to the Fruitland Sand in September 1981. During plug-back, 5 1/2" casing annulus was squeezed with cement at 850'. Cement was circulated back to surface.

Production History: Cumulative Production; Pictured Cliffs - 435 MMcf gas.
Fruitland Sand - 37 MMcf gas and 900 bbl oil.

lwd 3/25/94

CORNELL #5

CURRENT
BASIN FRUITLAND COAL

UNIT G, SEC 1, T29N, R12W, SAN JUAN COUNTY, NM

COMPLETED 10/31/55
WORKOVER 10-31-81

8-5/8" 24# J-55 CSG SET @ 96'
CIRC. CMT TO SURFACE

OJO ALAMO @ 602'

2-7/8" 6.4# J-55 CSG SET @ 1760'

5-1/2" 14# J-55 CSG SET @ 2022'

KIRTLAND @ 795'

PERFORATED 4 HOLES @ 850'

CEMENT BASKET SET @ 961'
CIRC. CMT TO SURFACE

FRUITLAND @ 1645'

PERFORATED 10 HOLES
FROM 1644' TO 1664'
FRAC'ED W/ 15,500# 10/20
SAND AND 16,930 GAL. WTR.

TOC UNKNOWN 100 SKS OF
CEMENT

PICTURED CLIFFS @ 2021'

CEMENT RETAINER SET @ 1811'
CEMENTED WITH 71 cf.

TD 2022'

IN REPLY REFER TO:
(07337)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
1235 La Plata Highway
Farmington, New Mexico 87401

Attachment to Notice of

Re: Permanent Abandonment

Intention to Abandon

Well: 5 Cornell

CONDITIONS OF APPROVAL

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

*1.) Allow cement to set, Tag TOC and re fill
2 7/8" casing, if Necessary,*

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