

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 Enron Oil & Gas Company

3. Address and Telephone No.
 P. O. Box 2267, Midland, Texas 79702

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 1650' FSL & 410' FEL
 Sec 20, T17S, R30E *Unit 1*

5. Lease Designation and Serial No.
 LC 054280

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
 McIntyre A #4

9. API Well No.
 30 015 04222

10. Field and Pool, or Exploratory Area
 Loco Hills Abo

11. County or Parish, State
 Eddy County, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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"/> Final Abandonment Notice	<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
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

See attached P&A procedure

DEC 12 1994

RECEIVED
NOV 8 11 40 AM '94
OFFICE OF THE
STATE ENGINEER

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

Signature: *Betty Gildon* Betty Gildon Title: Regulatory Analyst Date: 11/7/94

(This space for Federal or State office use)

Approved by: **(ORIG. SGD.) JOE G. LARA** Title: **PETROLEUM ENGINEER** Date: 12/8/94

Conditions of approval, if any: *See attached.*

Enron Oil & Gas Company

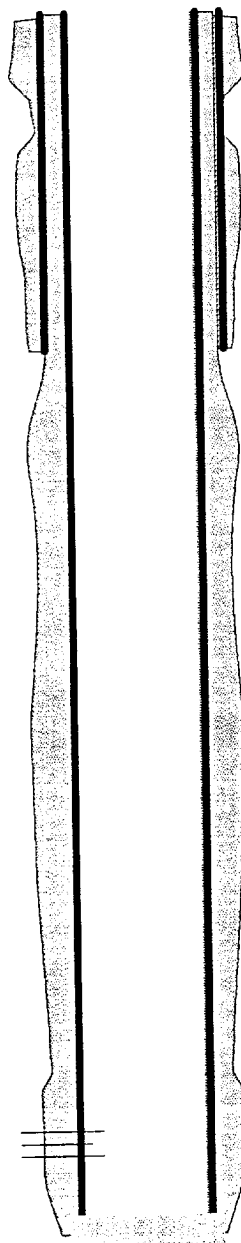
McIntyre A #4
1650 FSL 410 FEL
Sec 20 T17S R30E
Eddy County, New Mexico

Plugging Procedure

Current well bore diagram attached:

1. MIRU pulling unit - POH with rods and pump
2. Install BOP - POH with 2-3/8 tubing
3. RU wireline - RIH with 4-1/2 CIBP to 6750. Set CIBP
4. Dump 5 sx cement on top of CIBP (Approx 40 ft)
5. Spot 20 sx plug 4365 - 4215
6. Tag top of plug
7. Spot 20 sx plug 3095 - 2945
8. Tag top of plug
9. Spot 20 sx plug 1935 - 1785
10. Tag top of plug
11. Spot 15 sx plug 100 feet to surface
12. Move out equipment - clean location

Enron Oil & Gas Co.
McIntyre A # 4
1650 FSL 410 FEL
Sec 20 T17S R30E
Eddy County, New Mexico



KB 3644
DF 3642
GL 3630

8-5/8 24# J-55
set @ 1860

Cemented to surface
with 500 sx

Abo perms
6780 - 6814

5-1/2 15.5# J-55 casing
set @ 6857

Cemented to surface
with 700 sx

Formation tops:
Yates 1215
Queen 2184
San Andres 3095
Glorietta 4365
Abo 6275
Abo Reef 6488

TD 6857

BUREAU OF LAND MANAGEMENT
CARLSBAD RESOURCE AREA

Permanent Abandonment of Wells on Federal Lands

Conditions of Approval

1. Approval: Plugging operations shall commence within 90 days from the approval date of plugging procedure.
2. Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Eddy County call (505)887-6544 ; for wells in Lea County call (505) 393-3612.
3. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet ; and a 5M system for a well not deeper than 22,727 feet.
4. Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.
5. Cement Requirement: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either class "C" , for up to 7,500 feet of depth, mixed at 14.8 lbs./gal. with 6.3 gallons of fresh water per sack or class "H" , for deeper than 7,500 feet plugs, mixed at 16.4 lbs./gal. with 4.3 gallons of fresh water per sack.
6. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: Well name and number, the name of the operator, the lease serial number, the surveyed location (the quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer; such as metes and bounds).
7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show date well was plugged.

Following the submittal and approval of the Subsequent Report of Abandonment, surface restoration conditions of approval will be developed and furnished to you.