

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
Oil | 5. Lease Number
NM-40637 |
| 2. Name of Operator
MW Petroleum c/o Apache Corporation. | 6. If Indian, All. or
Tribe Name |
| 3. Address & Phone No. of Operator
304 N. Behrend, Farmington, NM 87401 505-325-0318 | 7. Unit Agreement Name |
| 4. Location of Well, Footage, Sec., T, R, M
1660' FNL and 1790' FWL Sec. 14, T-24-N, R-2-W, NMPM
F | 8. Well Name & Number
Oso Canyon Federal A #/ |
| | 9. API Well No.
30-039-23522 |
| | 10. Field and Pool
Gavilan Mancos/Und. Dakot |
| | 11. County & State
Rio Arriba, 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 checked="" 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 Injection |
| | <input type="checkbox"/> Other - | |

13. Describe Proposed or Completed Operations

Apache Corporation for MW Petroleum, requests the March 27, 1996 approved Plug and Abandon procedure for this well be revised per the attached procedure and diagrams.

RECEIVED
APR 29 1997

OIL CON. DIV.
DIST. 3

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

Signed Stan Phillips Title Production Foreman Date 4/8/97

(This space for Federal or State Office use)

APPROVED BY [Signature] Title for Chief, Lands and Mineral Resources Date APR 28 1997

CONDITION OF APPROVAL, if any. Comply with

Surface restoration requirements (in attached letter, original sent 5/30/96).

PLUG AND ABANDONMENT PROCEDURE

4-8-97

Oso Canyon Federal A #1
Gavilan Mancos / Undesignated Dakota
1660' FNL and 1790' FWL
NW, Sec. 14, T24N, R2W
Rio Arriba County, New Mexico

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

1. Install and test rig anchors. Prepare blow pit. Comply to all NMOCD, BLM and Apache safety rules and regulations.
2. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line to blow well down; kill with water as necessary.
3. Pull and LD rods and pump. ND wellhead and NU BOP. Test BOP. Release tubing anchor. POH and tally 2-3/8" tubing. Visually inspect, if necessary LD tubing and PU 2" workstring.
4. **Plug #1 (Dakota perforations and top, 7860' - 7727')**: RIH with 5-1/2" wireline set bridge plug and set at 7860'. RIH with open ended tubing workstring and tag bridge plug. Pump 30 bbls water down tubing. Mix and pump 20 sxs Class B cement and spot a plug inside casing above the bridge plug. POH with tubing.
5. **Plug #2 (Gallup perforations and top, 6685' - 6635')**: RIH with 5-1/2" wireline set bridge plug and set at 6685'. RIH with open ended tubing workstring and tag bridge plug. Load casing with water and circulate clean. Pressure test casing to 500#. Mix 11 sxs Class B cement and spot a balanced plug inside casing above the bridge plug. POH 5140'.
6. **Plug #3 (Mesaverde top, 5140' - 5040')**: Mix 17 sxs Class B cement and set a balanced plug inside casing over Mesaverde top. POH to 3398'.
7. **Plug #4 (Pictured Cliffs, Fruitland and Ojo Alamo tops, 3398' - 2940')**: Mix 56 sxs Class B cement and spot balanced plug to cover Ojo Alamo top. POH to 1500'.
8. **Plug #5 (Nacimiento top, 1500' - 1400')**: Mix 17 sxs Class B cement and spot balanced plug inside casing over Nacimiento top. POH to 359'.
9. **Plug #6 (Surface)**: Pressure test the bradenhead to 300# to insure the surface casing annulus has cement. If bradenhead holds pressure the establish circulation out casing valve. Mix approximately 40 sxs Class B cement and circulate out 5-1/2" casing. POH and LD tubing. Shut in well and WOC. If bradenhead does not hold pressure then perforate casing at 359' and circulate cement.
10. ND BOP and cut off well head below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL, cut off anchors and restore location.

Oso Canyon Federal A #1

Proposed P&A

Gavilan Mancos / Undesignated Dakota

NW Section 14, T-24-N, R-2-W, Rio Arriba County, NM

Today's Date: 4/8/97

Spud: N/A

Completed : N/A

Current:

Tubing and Rods; Anchor ??

Nacimiento @ 1450'

Ojo Alamo @ 2990'

Fruitland @ 3250'

Pictured Cliffs @ 3348'

Mesaverde @ 5090'

Gallup @ 6711'

Dakota @ 7777'

