

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<br>Oil   | 5. Lease Number<br>NMNM - 58134                   |
| 2. Name of Operator<br>MW Petroleum c/o Apache Corporation   | 6. If Indian, All. or<br>Tribe Name<br>N/A        |
| 3. Address & Phone No. of Operator<br>304 N. Behrend, Farmington, NM 87401 505-325-0318                            | 7. Unit Agreement Name<br>N/A                     |
| 4. Location of Well; Footage, Sec., T, R, M<br>2000' FNL and 790' FWL Sec. 3, T-23-N, R-1-W, NMPM <del>OUT</del> D | 8. Well Name & Number<br>Badland Flats Federal #1 |
|  | 9. API Well No.<br>30-039-24318                   |
|  | 10. Field and Pool<br>Gardian Mancos/ Dakota      |
|  | 11. County & State<br>Rio Arriba County, 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

Apache Corporation for MW Petroleum, plugged and abandoned the above well on June 5, 1997 per the attached Plug and Abandonment Report.

RECEIVED  
JUN 2 7 1997

OIL CON. DIV.  
DIST. 6

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

Signed Stan Phillips Title Production Foreman Date 6/6/97

(This space for Federal or State Office use)

APPROVED BY [Signature] Title for Chief, Lands and Mineral Resources Date JUN 26 1997

CONDITION OF APPROVAL, if any:

Submit final abandonment after reseeding & surface restored veg -  
(opp 6 months - one year) completed. Surface inspection will be  
done at that time.

# A - PLUS WELL SERVICE, INC.

P.O. BOX 1979  
FARMINGTON, NM 87499  
505-325-2627 • FAX: 505-325-1211

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## Apache Corporation

2000' FNL, 790' FWL, Sec. 3, T-23-N, R-1-W  
Rio Arriba County, NM.  
NMNM - 58134

June 6, 1997

## Plug & Abandonment Report

### Cementing Summary:

- Plug #1** with CIBP at 6458', spot 12 sxs Class B cement above BP to 6331' to isolate Gallup perforations and top.
- Plug #2** with 17 sxs Class B cement inside casing from 4978' to 4826' to cover Mesaverde top.
- Plug #3** with 56 sxs Class B cement inside casing from 3088' to 2581' to cover Ojo Alamo top.
- Plug #4** with 18 sxs Class B cement inside casing from 1595' to 1428' to cover Nacimiento top.
- Plug #5** with 40 sxs Class B cement inside casing from 312' to surface, circulate ½ bbl good cement in returns.

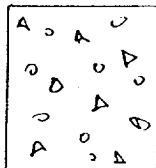
### Plugging Summary:

Notified BLM 6:10 am on 6/2/97

- 5-30-97 Road rig to location. Spot rig and equipment on location. SDFD.
- 6-1-97 Safety Meeting. RU rig and equipment. Layout relief line to pit. Open up well; no pressures. Bleed well down to pit. PU on 1" rods and unseat pump. POH and LD 132 1" rods; well started to flow. PU polish rod and pump 25 bbls water down tubing to kill well. LD polish rod. POH and LD 136 ¾" rods with 4' sub, 2' sub and pump. Shut in well. SDFD.
- 6-3-97 Safety Meeting. Open up well, no pressure. ND wellhead. PU on 2-7/8" tubing; anchor free. NU BOP. Change out pipe rams and test, OK. RU rig floor. POH and inspect 208 joints 2-7/8" tubing, 5-1/2" anchor and 10 tail joints. Total 218 joints 2-7/8" tubing in well, 6776'. RU A-Plus wireline truck. RIH with 5-1/2" bridge plug and set at 6471'. POH. PU plugging sub and RIH to 3855'; elevators would not stay latched. Inspect elevators, found latch problem. Shut in well. SDFD.
- 6-4-97 Safety Meeting. Open up well, no pressure. Replaced elevators. RIH with tubing and tag CIBP at 6458', PUH to 6439'. Load casing with 120 bbls water and pressure test to 500# for 10 min, held OK. Plug #1 with CIBP at 6458', spot 12 sxs Class B cement above BP to 6331' to isolate Gallup perforations and top. POH to 4978'. Plug #2 with 17 sxs Class B cement inside casing from 4978' to 4826' to cover Mesaverde top. POH to 3088'. Plug #3 spot 56 sxs Class B cement inside casing from 3088' to 2581' to cover Ojo Alamo top. POH to 1595'. Plug #4 with 18 sxs Class B cement inside casing from 1595' to 1428' to cover Nacimiento top. Plug #5 with 40 sxs Class B cement inside casing from 312' to surface, circulate ½ bbl good cement in returns. POH and LD tubing. RD floor and ND BOP. Dig out wellhead. SDFD.
- 6-5-97 Safety Meeting. Cut off wellhead; found cement down 15' in 5-1/2" casing and down 100' in 5-1/2" x 9-5/8" annulus. Mix 71 sxs Class B cement, fill casing and annulus; then install P&A marker. RD rig and equipment; move off location. Al Yepa with Rio Puerco BLM was on location.

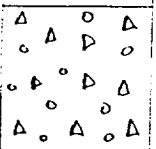
# BADLANDS FLATS Federal #1 Plugging Job

9 5/8 36"  
CMT TO  
SURFACE  
@ 310'



40 SX 47.2 ft<sup>3</sup>

F/312' TO  
SURFACE



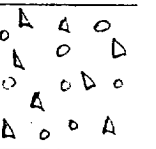
18 SX 21.24 ft<sup>3</sup>

F/1428-1595



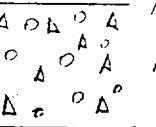
56 SX 66.08 ft<sup>3</sup>

F/2581-3088



17 SX 20.06 ft<sup>3</sup> CMT

F/4826-4978



12 SX 14.16 ft<sup>3</sup> CMT

F/6331-6458

wireline CIBP @ 6458

= 6500  
= 6812

5 1/2 17" CS @ 6941

All cement Class "B" NEAT

5-30-97 M I S U

6-1-97 Rig up SU. LAY DOWN RODS

6-3-97 NU BOP - TOH w/ROD (TALLY OUT)

Set wireline CIBP @ 6471

TIH w/ROD

6-4-97 TIH w/ROD TAG CIBP @ 6458

LOAD CS9 w/120 BW PRESS TEST CS9 500 PSI

10 MIN - OK

Plug #1 12 SX 14.16 ft<sup>3</sup> CMT

F/6458-6331 TOH TO 4978'

Plug #2 17 SX 20.06 ft<sup>3</sup> CMT

F/4978-4826 TOH TO 3088

Plug #3 56 SX 66.08 ft<sup>3</sup> CMT

F/3088-2581 TOH TO 1595

Plug #4 18 SX 21.24 ft<sup>3</sup> CMT

F/1595-1428' TOH TO 312'

Plug #5 40 SX 47.2 ft<sup>3</sup> CMT

F/312' TO SURFACE CIRC 1/2 BOP

CMT TO SURFACE

6-5-97 CUT OFF WH FOUND CMT

15' DOWN 5 1/2 CS9

100' DOWN 5 1/2 x 9 5/8 ANNULUS

MIX 71 SX 83.78 ft<sup>3</sup> CMT

FILL VOIDS INSTALL P+A MARKER

AI YCPA BLM WITNESS