

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

Sundry Notices and Reports on Wells

1. Type of Well
Gas

2. Name of Operator
McElvain Oil & Gas Properties, Inc.

3. Address & Phone No. of Operator
P.O. Box 2148
Santa Fe, NM 87504-2148

4. Location of Well, Footage, Sec., T, R, M
Sec. 36 T-24-N, R-7-W, NMPM, Rio Arriba County
Unit D, 990' FNL and 990' FWL

5. Lease Number
30-039-05260

6. State Oil & Gas Lease #
E-9055

7. Lease Name/Unit Name
Warner State

8. Well No.
#1

9. Pool Name or Wildcat
Escrito Gallup

10. Elevation:

RECEIVED
JUL 7 1998
OIL CON. DIV.
DIST. 3

Type of Submission	Type of Action	
<input type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" 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

McElvain Oil & Gas Properties, Inc., plugged and abandoned said well on June 3, 1998 according to the attached Plug and Abandonment Report.

SIGNATURE

R. E. Fildes

June 3, 1998

(This space for State Use)

Approved by ORIGINAL SIGNED BY E. VILLANUEVA Title DEPUTY OIL & GAS INSPECTOR, DIST. #3

Date

AUG 27 1998

A - PLUS WELL SERVICE, INC.

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

McElvain Oil & Gas Properties, Inc.

June 4, 1998

Warner State #1

Page 1 of 2

990' FNL and 990' FWL, Sec. 36, T-24-N, R-7-W
Rio Arriba County, NM
E-9055

Plug & Abandonment Report

Cementing Summary:

Plug #1 with retainer at 5050', spot 10 sxs Class B cement above retainer to 4916' to isolate Gallup perforations and top.

Plug #2 with retainer at 3377', mix and pump 88 sxs Class B cement with 2% Metasilicate (yield 2.06 cf/sx), casing started flowing when 60 sxs mixed, finish mixing cement and start displacement; squeeze 75 sxs below CR and outside 4-1/2" casing from 3655' to 3327' then spot 13 sxs cement above retainer to 3063' to cover Mesaverde top.

Plug #3 with retainer at 2290', mix 104 sxs Class B cement, squeeze 94 sxs below retainer from 2410' to 2190' and spot 10 sxs above retainer to 2190' to isolate Chacra top.

Plug #4 with 15 sxs Class B cement inside 4-1/2" casing from 2190' to 1995' to cover casing leaks.

Plug #5 with retainer at 1942', mix 50 sxs Class B Lite (2% SMA) and 9 sxs Class B neat, squeeze 53 sxs outside 4-1/2" casing from 1995' to 1845' and spot 6 sxs above retainer to 1845' to isolate Pictured Cliffs top.

Plug #6 with retainer at 1495', mix and pump 52 sxs Class B Lite and 9 sxs Class B neat, squeeze 52 sxs outside 4-1/2" casing from 1580' to 1370' and leave 9 sxs above retainer to 1370' to cover Ojo Alamo top.

Plug #7 with 30 sxs Class B Lite and 110 sxs Class B neat, pump down 4-1/2" casing from 470' to surface, circulate good cement out bradenhead to cover Nacimiento top and 8-5/8" surface casing shoe.

Plugging Summary:

Notified NMOCD 5/27/98

5-27-98 Road rig and equipment to location, RU. Soft location. Check well pressures: tubing 120#, casing 40# and bradenhead 0#. ND wellhead and remove slips. PU on tubing and release packer. NU BOP. RU rig floor, tongs and changeover rams to 2-3/8" tubing. SDFD.

5-28-98 Safety Meeting. Work tubing to free packer. Packer will move then set; work free then sticks. Pump water down casing or tubing and work pipe to move packer, hanging up. Slowly work packer up hole. POH and LD 4-1/2" AD-1 packer, tally 193 joints 2-3/8" tubing, total 5404'. TIH and set 4-1/2" DHS retainer at 5050'. PU to 5048' and load casing with 60 bbls water. Plug #1 with retainer at 5050', spot 10 sxs Class B cement above retainer to 4916' to isolate Gallup perforations and top. POH to 940'. Mix Metasilicate in bulk truck. Shut in well and SDFD.

5-29-98 Safety Meeting. RU A-Plus wireline truck and RIH; tag cement at 4940'. Procedure change by B. Fielder with Property Management to add perf. Perforate 3 HSC squeeze holes at 3450'. Set 4-1/2" DHS retainer at 3377'. Pressure test tubing to 1500#, OK. Attempt to pressure test casing to 300#, leak.

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990' FNL and 990' FWL, Sec. 36, T-24-N, R-7-W

Rio Arriba County, NM

E-9055

Plug & Abandonment Report

- 5-29-98 Continued: Attempt to re-test casing to 300#, leaked to 0# in 10 min with no blow or flow on bradenhead. Sting into retainer and establish rate 1 to 1-1/2 bpm at 1000# to 1200#. Plug #2 with retainer at 3377', mix and pump 88 sxs Class B cement with 2% Metasilicate (yield 2.06 cf/sx), casing started flowing when 60 sxs mixed, finish mixing cement and start displacement; squeeze 75 sxs below CR and outside 4-1/2" casing from 3655' to 3327' then spot 13 sxs cement above retainer to 3063' to cover Mesaverde top. POH to 2506' and reverse circulate 17 sxs cement to surface. POH with tubing. SI and SDFD.
- 6-1-98 Safety Meeting. Open up well. Attempt to pressure test casing to 200#, leaked to 0# in 10 min. RIH and tag cement at 2519'. PU DHS fullbore packer and TIH to 1252'. Set packer and pressure tested casing to 300#, annulus held OK. Set packer at 1877', pressure test annulus, leak. Pressure test tubing, leak and communication. Set packer at 2190', pressure test tubing to 300#, test OK. POH to 2070', test down tubing failed, communication. POH to 1584', casing test failed. Pressure test casing while POH with packer, last good test 1252'. Procedure change approved by E. Bush with NMOCD. RU A-Plus wireline truck and perforate 3 HSC squeeze holes at 2410'. Set 4-1/2" DHS retainer at 2290'. Establish rate into squeeze holes at 2410'; also established circulation above CR through holes in casing at 2190'. Plug #3 with retainer at 2290', mix 104 sxs Class B cement, squeeze 94 sxs below retainer from 2410' to 2190' and spot 10 sxs above retainer to 2190' to isolate Chacra top. POH to 2190' and when circulating conventionally bradenhead began flow. Shut bradenhead valve and circulated 20 sxs cement to surface. Plug #4 with 15 sxs Class B cement inside 4-1/2" casing from 2190' to 1995' to cover casing leaks. POH to 2010' and circulate casing clean. POH with tubing. Shut in well and SDFD.
- 6-2-98 Safety Meeting. With tubing out of well, load casing with water and pump 1/4 bpm at 250#, bradenhead circulating. RU A-Plus wireline truck and RIH, tag cement at 2067'. Procedure change approved E. Busch with NMOCD. Perforate 3 HSC squeeze holes at 1995'. TIH and set 4-1/2" DHS retainer at 1942'. Establish rate into squeeze holes 1-1/2 bpm at 1500#, slight communication out casing. Plug #5 with retainer at 1942', mix 50 sxs Class B Lite (2% SMA) and 9 sxs Class B neat, squeeze 53 sxs outside 4-1/2" casing from 1995' to 1845' and spot 6 sxs above retainer to 1845' to isolate Pictured Cliffs top. POH to 1630' and circulate casing clean. Pressure test casing to 300#, circulates out bradenhead and casing. TOH with tubing. Perforate 3 HSC squeeze holes at 1580'. Set 4-1/2" DHS retainer at 1495'. Establish rate down tubing into squeeze holes; circulation out bradenhead but casing not flowing. Plug #6 with retainer at 1495', mix and pump 52 sxs Class B Lite and 9 sxs Class B neat, squeeze 52 sxs outside 4-1/2" casing from 1580' to 1370' and leave 9 sxs above retainer to 1370' to cover Ojo Alamo top. POH and LD tubing. Perforate 3 HSC squeeze holes at 470'. Establish rate down casing and out bradenhead with 20 bbls water. Plug #7 with 30 sxs Class B Lite and 110 sxs Class B neat, pump down 4-1/2" casing from 470' to surface, circulate good cement out bradenhead to cover Nacimiento top and 8-5/8" surface casing shoe. Shut in well and WOC overnight. SDFD.
- 6-3-99 Safety Meeting. Cut off wellhead, found cement in annulus at surface. RD rig and equipment. Mix 15 sxs Class B cement to install P&A marker. Move off location. No NMOCD representative on location.