

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

NM - 048989

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Warner Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat; 22N 8W 10EA-CHACKA

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 10, T22N, R8W

12. COUNTY OR PARISH 13. STATE

San Juan

NM

1.

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

McElvain Oil & Gas Properties, Inc.

3. ADDRESS OF OPERATOR

P.O. Box 2148, Santa Fe, NM 87504-2148

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

1130' FNL & 1130' FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5658 DF

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Plug Back & Recomplete

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

17. 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.

RECEIVED
AUG - 3 1995
OIL CON. DIV.
DIST. 3

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

SIGNED

TITLE Expl. & Prod. Administrator

DATE July 28, 1995

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

AUG 01 1995

*See Instructions on Reverse Side

RMWOOD

FARMINGTON DISTRICT OFFICE

BY *RM*

McElvain Oil & Gas Properties, Inc.
Warner Federal No. 1
1130' FNL & 1130' FEL
Section 10, Township 22 North, Range 8 West, NMPM
San Juan County, New Mexico

Plug Back and Recompletion

July 14, 1995

Move in rig and attempt to unseat pump. Hot oil down casing with 20 bbls of 200° lease crude. Work rods to 25,000 lbs attempting to unseat pump. POH and lay down 108 - 3/4" & 61 - 5/8" x 25' rods (4225' total), change out casing head, install flange, install BOP and stripping head.

July 15, 1995

Pull 52 jts of tubing. Swab 10 bbls oil out of tubing. Pull 84 jts of tubing. Made rod backoff, 23 - 5/8" rods. Pull 18 jts of tubing. Made rod backoff, 19 - 5/8" rods. Pull 15 jts of tubing, seat nipple, perforate sub and mud anchor. Seat nipple set at 5618' KB. TIH with 4 3/4" bit, casing scraper and 2 3/8" tubing to 4650'. Rig up and hot oil down tubing with 42 bbls, 200° lease crude. Circulate out of hole with 150 bbls of water. Recovered 95 bbls oil.

July 16, 1995

Nipple down BOP and change out casing flange. TIH with 5 1/2" cement retainer and set at 4600'. Load casing and pressure test casing to 1500 psi - held OK. Open cement retainer and establish rate of 2.75 bbl/min at 800 psi. Pump 160 sxs Class G cement; squeeze 125 sxs below retainer and spot 35 sxs above. Estimate PBTB at 4293'. Plug back operations witnessed by Kevin Schneider, BLM. POH and reverse circulate tubing out 18.5 bbls. POH to 2580' and pump 50 bbls. 1% KCL water. POH with setting tool. Rig up Blue Jet and run GR-CCL-CBL log. Pull from 2700' to 900', holding 1000 psi on casing. TOC - 1850'. Run in hole and perforate 2570' to 2555, 4 spf, 23 gram charge, 60 - .40" holes. TIH with seat nipple and 2 3/8" tubing to 2356'. Breakdown and acidize perforations with 250 gal 15% HCL.

Treating Pressures: Breakdown 1100 psi, Min 1100 psi, Max 1450 psi, Avg 1350 psi.

July 18, 1995

Made 1 swab run, recovered 5 bbls produced water from perfs: 2555' - 2570'. POH and pick up 5 1/2" cement retainer. Run in hole to 2526'. Pump through and set retainer. Loaded and pressure tested casing and tubing to 1500 psi - held OK. Open cement retainer and establish rate of 2.8 bbl/min and 200 psi. Pump 25 sxs Class G cement; squeeze 25 sxs below retainer and spot 10 sxs above. Estimate PBTB @ 2440'. Plug back operation witnessed by Kevin Schneider, BLM. POH and lay down tubing to 2400'. Reverse circulate tubing out - 10 bbls. POH and rig up Blue Jet, run in hole and perforate 1 - 1/2" hole at 1465'. Pick up 5 1/2" casing retainer and run in hole to 1443'. Pump through and set retainer. Pressure test casing and tubing to

1000 psi - held OK. Open casing retainer and establish rate of 2.75 bbls/min and 900 psi. Pump 100 sxs Class G cement with 2% CaCl₂ below retainer and wash out lines (.5 bbls.) on top of retainer. Shut in pressure 500 psi after displacement.

July 19, 1995

Run hole with 4 3/4" bit, 6 - 3 1/2" drill collars and 2 3/8" tubing. Tag cement at 1415'. Drill 28' of cement, cement retainer and 22' cement to 1465'. Run in hole to 1600' and displace with 2% CaCl₂. POH and lay down drill collars and bit. Rig up Blue Jet and run in hole with 3 1/8" cased carrier select fire perforating gun. Perforate 1480', 1489', 1497', 1507', 1512', 1528', 1551', 1582', and 1590' with 1 spf, 12 gram charge and .32 hole.

July 20, 1995

Rig up and pressure test BJ to 3000 psi - held OK. Open up well and establish rate: 1600 psi and 15 BPM. Acidize/breakdown perfs with 500 gal 15% HCL & 15 - 7/8" ball sealers followed by 38 bbls 2% KCL. Fair ball action, didn't completely ball off. Max pressure: 1330 psi @ 8 BPM. ISIP 650 psi; 2 min 500 psi. BJ frac down casing with 33,354 gals of 70 quality nitrogen foam and 83,400 lbs of 20/40 Arizona sand. Average downhole foam injection rate: 25 BPM.

Treating Pressures: Min 1350' psi, Max 1590 psi, Avg 1480 psi. ISIP 1060, 5 min 1040, 10 min 1020.

Total load to recover - 317 bbls. Rig down BJ an open well to flow on 1/8" choke for 4 hrs. Change choke to 1/4". 20 BLW recovered by 6 hrs of flow. Casing pressure at 660 psi.

July 21, 1995

Flow back frac on 1/4" choke. Recovered 170 BLW, flowing casing pressure - 660 psi. Change choke to 1/2". Recovered 234 BLW, flowing casing pressure - 60 psi. Well flowing nitrogen, foam and small amount of sand. Remaining load to recover - 83 BLW.

July 22, 1995

Flow back frac on 1/2" choke. Recovered total of 292 BLW, flowing casing pressure - 10 psi. Well flowing gas, nitrogen and small amount of foam. Remaining load to recover - 25 BLW. Flow well through 2 3/8" tubing to production pit and flare. 10' flare. Change choke to 12/64" and monitor pressure buildup for 2 hrs. - 140 psig - 122 mcfpd.

July 23, 1995

Flow well back on 12/64" choke. Well flowing gas and small amount of foam. Flowing casing pressure - 110 psig - 98 mcfpd. Made 12 BLW, last 22.5 hrs. Remaining load to recover - 13 BLW.

July 24, 1995

Flow back frac on 12/64" choke. Well flowing gas. FCP - 100 psig - 90 mcfpd. Made 2 BLW, last 22 hrs. Remaining load to recover - 11 BLW. Open well on 2" flow line and kill with 25 BW. Run in hole with notched collar, 1 jt 2 3/8" tubing, seat nipple and 53 jts 2 3/8" tubing to 1690'. Did not tag sand. Pull up and lay down 5 jts 2 3/8" tubing. Nipple down BOP, land 49 jts 2 3/8" tubing, 1533' set at 1538' KB. Seat nipple set at 1507'. Nipple up wellhead, rig up to swab well. Made 10 swab runs and recovered 40 bbls foamy water (36 BLW & 4 BW). Well would surge and gas for 10 minutes between swab runs but would not kick off.

July 25, 1995

12 hr shut in. SITP - 250 psig, SICP - 262 psig. Open well and flow on 1/4" choke. CP - 140 psig, FTP - 100 psig - 165 mcfpd, 9 BW in 8 hrs. Put well on 24 hr flow test and notified BLM.

July 26, 1995

24 hr flow test: CP = 150 psig, FTP = 90 psig. 1/4" choke pressure = 85 psig. Well made 142 mcf and 18 BW in 24 hours. Took gas and water samples for analysis.

July 27, 1995

CP = 160 psig, FTP = 80 psig on 1/4" choke. Pump 20 bbls produced water down tubing to kill well. Nipple down well head and nipple up BOP. Pull 2 jts tubing out of hole and install 5 1/2" DBR casing packer. Run in hole and set packer at 66' KB. Fill casing with water. Safety Alliance check cellar atmosphere with Tri-Gas Monitor - OK. Weld ends closed on 5 1/2" screw on casing collar 2' below ground level. Pressure up casing to 1000 psi, welds held OK. Bled off pressure, release and pull packer out of hole. Run in hole, nipple down BOP, land and swab tubing - 20 runs/20 BW. Shut in well for 7 day pressure buildup. Nipple up flowline to pit, fill cellar and rig down.

16		17	18	17 OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i> <u>Anna M. Griego</u> Signature <u>Anna M. Griego</u> Printed Name <u>Expl. & Prod. Administrator</u> Title <u>July 28, 1995</u> Date
		19	20	18 SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> _____ Date of Survey _____ Signature and Seal of Professional Surveyer: _____ Certificate Number
		21	22	
		23	24	