

Form 1000
(November 1983)
(Formerly 9-331)

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 04077

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Davis Federal Com 3

9. WELL NO.

15

10. FIELD AND POOL, OR WILDCAT

Undesignated Mesaverde

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

Sec. 3, T25N, R2W

12. COUNTY OR PARISH 13. STATE

Rio Arriba NM

1. OIL ☐ GAS ☒ OTHER ☐
WELL WELL

2. NAME OF OPERATOR

Mallon Oil Co.

3. ADDRESS OF OPERATOR

1099 18th St. Suite 2750, Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)

At surface

795' FSL & 2145' FEL (SWSE)

14. PERMIT NO.

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

7458' GL

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 PLANE

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

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.)*

Remedial cementing work was conducted on the well 10-25-89 -
11-09-89 for the purpose of protecting the Ojo Alamo sand
interval from contamination. See attached reports for
details of work.

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

SIGNED

TITLE

Production Manager

DATE

12-28-89

(This space for Federal or State office use)

ACCEPTED FOR RECORD

APPROVED BY

TITLE

JUL 23 1990

CONDITIONS OF APPROVAL, IF ANY:

NMOCD

FARMINGTON RESOURCE AREA

*See Instructions on Reverse Side

BY

MALLON OIL COMPANY

1099 18th Street, Suite 2750, Denver, Colorado 80202
(303) 293-2333

Phoned in by J. Cox 10/26/89

Davis Federal 3-15

Activity day 10/25/89 - FTP 210 PSI, FCP 425 PSI

Rig up Bayless rig #4, SI well pumped 50 BBLS produced water down casing, 20 BBLS down tbg - well dead (produced water from Jicarilla 435 G #1) Nippled up BOP, TOOH w/81 stands when well kicked Killed well w/50 BW, finished TOOH (1 joint 2-7/8" EUE anchor, 14 joints seating, nipped perfed sub and 1 joint mud anchor)

Rigged up blue jet, RIH w/Baker 5-1/2" drillable bridge plug. Set plug @ 3700' logged collars to 3700' and 3269'

Loaded hole w/85 BW, closed BOP and pressure test casing and plug to 1,000 PSI.

Some leakage do to leaky ball valve in production manifold.

RIH w/perf gun, shot 2 holes @ 3615' (note: all shots correlated to old CCL - CBL)

Rig down blue jet, closed BOP and attempted circulation to bradenhead, without success.

SIFN

Day Cost \$4760.00

Acculative Cost \$4760.00

Phoned in by J. Cox 10/27/89

Davis Federal 3-15

Activity day 10/26/89 - SD - Waiting on availability of cement crew.

Well Workover

MALLON OIL COMPANY

1099 18th Street, Suite 2750, Denver, Colorado 80202
(303) 293-2333

Phoned in by J. Cox 10/31/89

Davis Federal 3-15

Activity day 10/28/89 - Drilled on upper cement retainer.
SICP 0, PU 4-3/4" Hughes H52HH bits and
Baker 5-1/2" casing scraper.
TIH tagged retainer @ 3329', PU power swivel
and began drilling on retainer.
Drilled 4 hrs, made 2-1/2' (saw metal &
rubber return and drilling metal at the end
of 4 hrs)
Stopped drilling w/base of top retainer and
12' cement remaining.
After getting further information on compressive
strength of cement system, will allow to cure
until monday.

Activity day 10/29/89 - No activity WOC

Activity day 10/30/89 - Drilling on squeeze and pressure testing.
TIH w/4-3/4" bit, scraper and tbg. Thawed
lines, drilled 12' cement to 3351'.
Closed tbg ram and pressured up to 500 PSI
Leaked off to 100 PSI in 5 minutes.
TIH to top of blower retainer @ 3224'.
Install new pipe ram rubbers and retested
upper squeeze.
Pressure casing 500 PSI, bled off to 250 PSI
in 1 minute.
Also noted fluid level drop while changing
BOP rubbers.
Drilled on lower retainer 2 1/2 hrs
Recovered large pieces of metal and rubber,
approximately 18" of drilling.
SIFN

Day Cost \$1355.00
Accumulative Cost \$15,498.00

Well Workover

MALLON OIL COMPANY

1099 18th Street, Suite 2750, Denver, Colorado 80202
(303) 293-2333

Phoned in by J. Cox 11/01/89

Davis Federal 3-15

Activity day 10/31/89 - Drill lower retainer and cement.
SICP with 0
Drilled 36 24-39' in 6-1/2 hrs drilled
retainer and fairly hard cement.
Rig down swivle.
Drained pump and lines.
SIFN

Day Cost \$1328.00
Accumlative Cost \$16,826.00

Well Workover

MALLON OIL COMPANY

1099 18th Street, Suite 2750, Denver, Colorado 80202
(303) 293-2333

Phoned in by J. Cox 11/02/89

Davis Federal 3-15

Activity day 11/01/89 - Prepare to re-squeeze.

Worked on rig engine from 8:00A.M. to 4:30P.M.

Shaft sheared on blower.

Released water truck, Halliburton cement crew
and Baker Service Tools until 11/02/89

Day Cost \$1,921.00

Accumulative Cost \$18,747.00

Well Workover

MALLON OIL COMPANY

1099 18th Street, Suite 2750, Denver, Colorado 80202
(303) 293-2333

Phoned in by J. Cox 11/03/89

Davis Federal 3-15

Activity day 11/02/89 - Re-squeeze upper perms.
Finished rig engine repairs @ 9:30 A.M.
TOOH w/tbg, scraper and bit. PU Baker 5-1/2"
full bore packer @ 3627'
Pressure tested lower squeeze perms (3639')
2,000 PSI w/no leak off.
Raise packer to 3119' above upper perms (3351')
Set packer, loaded annulus and pressured to
1,000 PSI.
Establish ejection into upper perms, 2 BPM
@ 1,400 PSI.
Pumped 50 SX class "B" plus 2% CACL 2 plus
0.8% halad 322 (disbursement) @ 15.60 LB/per gallon,
yield 1.18 cubic feet/SK (59 cubic feet)
Displaced w/19 BBL to 3160'.
SI 10 minutes, pumped 1/2 BBL @ 650 PSI
SI 10 minutes, pumped 1/2 BBL @ 800 PSI
Flowed back .25 BBL and pumped .25 BBL back in
SI 10 minutes, pumped 1/2 BBL @ 750 PSI
SI 10 minutes, flow back 1/8 BBL and pumped
1/8 BBL back in
Released packer and reversed clean w/20 BBL,
holding 500 PSI back pressure @ squeeze manifold.
SI 30 minutes, pumped 1/2 BBL @ 750 PSI
SI 30 minutes, pumped 1/2 BBL @ 900 PSI
SI 30 minutes, pumped 1/2 BBL @ 1200 PSI
SI 30 minutes and opened flow back to tank -
No Flow
Put 500 PSI on tbg and left SIFN.

Day Cost \$5,390.00

Accumulative Cost \$24,137.00

Well Workover

MALLON OIL COMPANY

1099 18th Street, Suite 2750, Denver, Colorado 80202
(303) 293-2333

Faxed in by J. Cox 11/07/89

Davis Federal 3-15

Activity day 11/03/89 - Drilled cement.

TOOH w/tbg and packer. TIH w/new Hughes
H2VHH, 4-3/4" bit, 5-1/2" scraper, and
tbg. Tagged cement at 3272'.
Drilled 35' cement, returns were soft throughout.
Discontinued drilling with 40' cement remaining
above perforations. Circulated 30 minutes,
TOOH w/5 stands, SIFN. to allow more curing
time on cement.

Day Cost \$593.00
Accumulative Cost \$25,405.00

Activity day 11/04/89 - Drilled cement and bridge plug.

Drilled a moderately soft cement @ 3308'-3351'
pressure tested upper perfs (3351') @ 800 PSI,
10 minutes w/no leak-off. TIH to CIBP @ 3724'
Drilled on bridge plug - 1 hr. and engine on
circulating pump failed. Rigged down pump and
prepared for new pump to be delivered Sunday
11/05/89.
SIFN

Day Cost \$940.00
Accumulative Cost \$26,345.00

Well Workover

MALLON OIL COMPANY

1099 18th Street, Suite 2750, Denver, Colorado 80202
(303) 293-2333

Faxed in by J. Cox 11/07/89

Davis Federal 3-15

Activity day 11/05/89 - Drilled on bridge plug.

Worked on pulling unit air system 8:00-11:00
Drilled on CIBP @ 3724', drilled approximately
2" when circulation was lost. Pump 140 BBL
down annulus tbg slugging gas and water.
Gas diminishing toward and of that volume
with approximately 50% returns. Set down
with tbg - plug still taking weight but
allowing water to pass by. Shut down to
allow crew to remove air compressor.
SIFN

Day Cost \$1,710.00
Accumulative Cost \$28,055.00

Activity day 11/06/89 - Shut down for rig repairs.

Day Cost \$0.00
Accumulative Cost \$28,055.00

Well Workover

11/07/89 Well had 1540 psi shut-in pressure. Blow down and kill well. Drill remainder of bridge plug at 3724 ft. RKB. Trip tubing in hole pushing remaining drilling debris to bottom. Tag solid fill at 5687 ft. RKB (143 ft. of fill above retainer at 5830 ft. RKB). NOTE: the lowest two Mesaverde perfs (5798 and 5800) are covered by fill, remaining perforations are open. Trip tubing in hole and land as follows:

<u>Description</u>	<u>Length</u>	<u>Depth</u>
KB to landing point	9.00	0- 9
177 jts. 2 7/8" 6.5#/ft N-80 EUE tubing	5611.33	9-5620
1 seating nipple	1.00	5620-5621
1 perforated sub	3.10	5621-5624
1 jt. 2 7/8" 6.5#/ft N-80 EUE mud anchor	31.68	5624-5656
	5656.11'	

Shut down for night.

11/08/89 Overnight pressures: tubing 0 psi, annulus 300 psi. Blew down well. Changed out rubber seals on donut assembly. Nipple down BOP. Nipple up wellhead. Tried to run pump and rods. Got 400 ft. in hole and got hung up with paraffin in tubing. Trip rods and pump out of hole. Hot oil tubing. Ran pump and 3/4" rods in hole. Shut down for night.

11/09/89 Finished running rods and pump in hole. Landed as follows:

<u>Description</u>	<u>Length</u>	<u>Depth</u>
KB to landing point	6.00	0- 6
1 1/4" x 22' polished rod		
with 1 1/2" x 12' liner (3 ft. out)	19.00	6- 25
rod stretch	17.00	25- 42
7/8" pony rods	8.00	42- 50
82 - 7/8" scraped rods	2050.00	50-2100
140 - 3/4" plain rods	3500.00	2100-5600
1 - 2 1/2" x 2" x 20' RHBC		
(bottom hold down pump)	20.00	5600-5620
	5620.00'	

Hang off rods. Left unit rigged up. Shut down.