

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE\*  
(Other instructions on reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		6. LEASE DESIGNATION AND SERIAL NO. NM-04077	
2. NAME OF OPERATOR Mallon Oil Company		8. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 1099 18th Street, Suite 2750, Denver, CO 80202		7. UNIT AGREEMENT NAME	
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		9. FARM OR LEASE NAME Davis Fed Com 3	
14. PERMIT NO.		10. WELL NO. #15	
15. ELEVATIONS (Show whether DP, RT, GR, etc.)		11. FIELD AND POOL, OR WILDCAT Gavilan	
		12. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 3, T25N, R2W	
		13. COUNTY OR PARISH Rio Arriba	
		14. STATE NM	

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\* ☐

(Other) Fishing & Dakota Recompletion ☒  
(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 DAILY REPROTS

RECEIVED  
DEC 21 1987  
OIL CON. DIV.  
DIST. 3

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

SIGNED

TITLE Vice President, Engineering DATE 12-10-87

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

DATE ACCEPTED FOR RECORD

DEC 17 1987

FARMINGTON RESOURCE AREA

BY KU

\*See Instructions on Reverse Side

MALLON OIL COMPANY  
DAVIS FED COM 3 #15  
795' FSL & 2145' FEL  
Sec. 3-T25N-R2W

11/11/87 Trip remaining tubing in hole - Tag sand fill at 7980 ft.  
- Rig up the Western Company nitrogen - Clean out 75 ft.  
of sand with foam - Tag fish at 8055 ft. (sinker bars) -  
Work on fish - Trip out of hole with overshot - Do not  
have fish - SDFN.

Costs: Rig \$1,570.00 Engineering \$500.00

Total Daily Costs: \$2,070.00

Total Cumulative Costs: \$71,610.00

11/12/87 Trip in hole with 2 7/8" tubing with seating nipple - Tag  
sand fill on top of fish at 8054 ft. (tubing depth) -  
Move tubing to 8009 ft. - Rigged to swab - Swabbed well  
as follows: (Swab Report) Made 10 swab runs in 3 1/2  
hours - Recovered 60 bbls. of frac water with a small  
trace of oil - Fluid entry rate was 17 bbl/hr or 411  
bbl/day - Well had strong gas blow after swab runs and  
gas cut fluid levels - Fluid level staying constant at  
4500 ft. - Well making a small amount of sand - SDFN.

Costs: Rig \$1,638.00 Engineering \$250.00  
Wireline Fishing \$9,916.00

Total Daily Costs: \$11,804.00

Total Cumulative Costs: \$83,414.00

11/13/87 Overnight shut-in pressures: tubing 50 psi, annulus 300  
psi - Rigged to swab - Swabbed well as follows: (Swab  
Report) Made 22 swab runs in 8 1/2 hours - Recovered 12  
bbls. of water - Well made a 10% oil cut on the first run  
and a trace of oil thereafter - Fluid entry rate was 13  
bbl/hr or 312 bbl/day - Well had strong gas blow after  
swab runs and gas cut fluid levels - Fluid level staid  
constant at 4500 ft. - Well not making any sand - SDFN.

Costs: Rig \$1,433.00 Engineering \$250.00

Total Daily Costs: \$1,683.00

Total Cumulative Costs: \$85,097.00

11/14/87 Overnight pressures: tubing 400 psi, annulus 400 psi -  
Rigged to swab - Swabbed well as follows: (see Swab  
Report) Made 12 swab runs in 5 1/2 hours - Well started  
flowing - Well made from 2% to 10% oil cut while swabbing  
- Recovered 44 bbls. of fluid while swabbing - Fluid  
entry rate was 8 bbl/hr or 192 bbl/day - Well flowed for  
the remainder of the day, making 2% to 5% oil cut with a  
heavy gas cut - Fluid flow entry rate was 8 bbl/hr or 192  
bbl/day - Left well flowing to a frac tank - SDFN.

Costs: Rig \$1,365.00 Engineering \$100.00

11/15/87 Well checked by pumper. Well made 3 bbls. of fluid overnight. Well was not flowing.

11/16/87 Overnight pressures: tubing 0 psi, annulus 890 psi. Rigged to swab. Swabbed well as follows: (see Swab Report). Made a total of 9 swab runs. Well flowed and died periodically. Swabbed and flowed a total of 81 bbls. of fluid in 6 hours (13 1/2 bbls/hr, 324 bbls/day). Well was making a trace of oil, frac water, and a strong show of gas. Left well flowing. Shut down for night.

Costs: Rig \$1,229 Engineering \$100

Total Daily Costs: \$ 1,329

Total Cumulative Costs: \$87,891

11/17/87 Overnight pressures: tubing 0 psi, annulus 675 psi. Made 23 bbls. of fluid overnight. Rigged to swab. Swabbed well as follows: (see Swab Report). Made a total of 12 swab runs. Well flowed and died periodically. Swabbed and flowed a total of 71 bbls. of fluid in 10 hours (7 bbls/hr, 170 bbls/day). Well was making a 2% oil cut, frac water, and a strong show of gas. Left well flowing. Shut down for night.

Costs: Rig \$1,365 Engineering \$250

Total Daily Costs: \$ 1,615

Total Cumulative Costs: \$89,506

11/18/87 to 11/22/87  
Shut down. Waiting on orders.

11/23/87 Trip 2 7/8" tubing out of hole. Trip in hole with inside line grab fishing tool, bumper sub, oil jars, accelerator, six 3 1/2" drill collars and 2 7/8" tubing. Rigged up the Western Company nitrogen. Pumped foam and cleaned out 1 ft. of sand on top of fish. Tagged fish at 8062' RKB (fish moved downhole 8 ft.). Worked fishing tool on sand line and sinker bar. Felt drag on tubing. Trip out of hole to check fishing tool. Did not have fish. Shut down for night.

Costs: Rig \$1,638 Engineering \$500

Nitrogen (1st day) \$ 5,742

Homco Fishing Tools \$18,501

Total Daily Cost: \$ 26,381

Total Cumulative Cost: \$115,887

11/24/87 Trip in hole with 34' of washover pipe on fishing assembly. Rigged up the Western Company nitrogen. Had nitrogen pump problems. Shut down for night.

Costs: Rig \$1,092 Engineering \$100

Total Daily Cost: \$ 1,192

Total Cumulative Cost: \$117,079

11/25/87 Rigged up the Western Company nitrogen. Washed over fish (sinker bars) with foam. Tagged packer at 8092'. Got fishing assembly hung up coming out of hole. Worked free with foam and water. Trip out of hole. Recovered sinker bars (wedged in globe basket above washover pipe). Trip in hole with overshot for 3 1/2" tubing. Shut down for night.

Costs: Rig \$1,911 Engineering \$250

Total Daily Cost: \$ 2,161

Total Cumulative Cost: \$119,240

11/26/87 Shut down for Thanksgiving.

11/27/87 Rigged up the Western Company nitrogen. Cleaned out 6' of sand with foam. Worked overshot over fish (hard to get over). Latched on to fish at 8092' RKB. Jarred on fish for 3 1/2 hours (fish moved slowly up hole). Fish came free--dragged very hard out of hole. Recovered packer, grapples and remainder of junk in hole. Shut down for night.

Costs: Rig \$1,911 Engineering \$500

Total Daily Cost: \$ 2,411

Total Cumulative Cost: \$121,651

11/28/87 Shut down for weekend.

11/29/87 Shut down for weekend.

12/01/87 Trip in hole with seating nipple on tubing. Land 2 7/8" tubing to swab at 8104'. Rigged to swab. Swabbed well as follows: (see Swab Report). Made a total of 11 swab runs in 5 hours. Recovered 55 bbls. of frac water and oil. Oil cut went from 100% oil at start of swabbing to 100% frac water at end of swabbing. Fluid entry rate was 11 bbl/hr or 264 bbl/day. Well was gassing at end of day and making lots of sand. Fluid level was staying constant at 4000'. Shut down for night.

Costs: Rig \$1502 Engineering \$250

Total Daily Cost: \$ 1,752

Total Cumulative Cost: \$137,669

12/02/87 Overnight casing pressure 275 psi. Rigged to swab. Swabbed well as follows: (see Swab Report). Made a total of 18 swab runs in 8 hours. Recovered 88 bbls. of frac water and trace of oil. Oil cut went from 100% initially to a trace of oil in 45 minutes and remained a trace of oil for remainder of day. Well was gassing hard and making some sand later on in the day. Fluid entry rate was 11 bbls/hr or 264 bbls/day. Fluid level dropped from 4000 ft. to 4600 ft. Shut down overnight.

Costs: Rig \$1,502 Engineering \$250

Total Daily Cost: \$ 1,752

Total Cumulative Cost: \$139,421

12/03/87 Overnight casing pressure 625 psi. Rigged to swab. Swabbed well as follows: (see Swab Report). Made a total of 16 swab runs in 7 1/2 hours. Well kicked off and flowed for 1/2 hour before it died. Made a total of 66.7 bbls. in 8 hours; 8.3 bbls/hr; 200 bbls/day. Oil cut varied while swabbing, making 50% oil cut before well flowed a 10% oil cut. Fluid level dropped from an initial 3900 ft. to 5500 ft. Shut well in overnight.

Costs: Rig \$1,502 Engineering \$250

Total Daily Cost: \$ 1,752

Total Cumulative Cost: \$141,173

12/04/87 Overnight annulus pressure was 675 psi, tubing was dead. Rigged to swab. Swabbed well as follows: (see Swab Report). Initial fluid level at 4500 ft. Swabbed and flowed well for 7 1/2 hours. Well made a total of 80 bbls; 10.7 bbls/hr; 256 bbls/day. Well was making a 50% oil cut at end of day. Well not flowing very hard at end of day. Shut in well for the weekend.

Costs: Rig \$1,297 Engineering \$250

Total Daily Cost: \$ 1,547

Total Cumulative Cost: \$142,720

12/05/87 Shut down for weekend.