

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

Form approved.  
Budget Bureau No. 1004-0125  
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 type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Jicarilla Contract #435	
2. NAME OF OPERATOR Mallon Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache Indian	
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 1850' FNL & 1850' FWL		8. FARM OR LEASE NAME Jicarilla 435 G	
14. PERMIT NO.		9. WELL NO. 1	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6853' RKB		10. FIELD AND POOL, OR WILDCAT Undes. Menefee	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 9, T22N, R4W	
		12. COUNTY OR PARISH Sandoval	
		13. STATE NM	

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
(Other) ☐

PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
ABANDON\* ☐  
CHANGE PLANS ☐

WATER SHUT-OFF ☐  
FRACTURE TREATMENT ☐  
SHOOTING OR ACIDIZING ☐  
(Other) ☒

REPAIRING WELL ☐  
ALTERING CASING ☐  
ABANDONMENT\* ☐

(Other) Recompletion of Menefee

(NOTE: Report results of multiple completion on Well Completion or Recombination 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.)\*

Please see attached daily reports.

RECEIVED  
FEB 24 1989  
OIL CON. DIV.  
DIST. 3

RECEIVED  
PLM MAIL ROOM  
89 FEB 17 PM 1:51  
FARMINGTON RESOURCE AREA  
FARMINGTON, NEW MEXICO

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

SIGNED

TITLE Engineer

DATE 02-15-89

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

DATE

FEB 22 1989

FARMINGTON RESOURCE AREA

BY CK

\*See Instructions on Reverse Side

Jicarilla 435 G #1  
Sandoval County, New Mexico

12-07-88

200 PSI CP - Unseat pump, blew tubing down flowed approx.  
4 BO - Kill casing with 25 Bbl hot oil, kill tubing with  
40 Bbl hot oil - Tubing pressure while pumping approx.  
420 PSI.

TOOH w/:

1 1/4" x 22' polished rod with 1 1/2" x 12' liner  
2-3/4" x 8' pony rods  
139-3/4" scraped rods  
93- 3/4" plain rods  
2" x 1 1/4" x 12' x 13' x 16' THD pump

- Unset mud anchor, had difficulty getting anchor unset  
- TOOH with 2 3/8", 4.6#/ft. tbg, strapping out  
- Anchor set on 21st stand out (approximately 3320')  
originally stuck both ways then could slip down and hang  
at lower position coming back up pulled 40,000# over hang  
wt would not shear (shear set at 35,000#). Worked stuck  
anchor for 3 hrs. finally came free.  
[Note: Top jt on 21st stand has deep tong marks lay down  
before re-running]

Daily - Rig: 1,800  
Sup: 400  
HB&R: 350  
2,550

Cum - \$2,550

12-08-88

Approximately 200 PSI THP

While attempting to remove nipple from top of tbg valve -  
swage blew out of tbg well blew down in 5 min. (2" reg  
threads party washed out in old swage)

TOOH with tubing

Rig up Basin Surveys - Ran GR-OCL 4500-3500' - Set RBP  
(Baker 4 1/2") at 4120'.

- Perforate 3809-10', 3820, 3828-32', 2 SPF.

TIH with tubing and packer - Set packer at 3943' -  
Pressure test RBP to 3500 psi.

- Raise packer to 3866' circulate hole volume to clear  
oil out. Pump 3 Bbl acid, displace to spot with 13.9 Bbl  
3% KCl - Raise packer to 3687' pressure test casing to  
2500 psi held ok - Start water down tubing 5 Bbl 3100  
psi, 6.6 BPM - ISIP 900; pump remainder of 500 gal 15%  
HCl with 25-7/8" 1.1 SG RCN Balls 3 BPM 1540 psi - Balled  
out with about 12 balls on, surged balls off and allowed  
to settle resumed flush at 3 BPM - Total load to recover  
43 Bbl. - Opened tubing after approximately 20 min.  
shut-in very slight flow - Too dark to swab. SIFN.

Daily - Rig:	1,800	Basin	3,745
Sup:	400	Western	1,167
Baker	800	HB&R:	150
			\$8,062

Cum - \$10,612

12-09-88 0 PSI CHP Tubing on strong vacuum - Swab to seating nipple in 14 runs - Fluid inflow decreased after load recovery and 1st oil cut appeared - Total fluid recovered 88 Bbl in 29 swab runs 45-50% oil cut on final swab runs, recovering at 11 Bbl/30 min, calculated inflow rate 580 BFPD.

Daily - Rig: 1,500  
 Sup: 400  
\$1,900

Cum - \$12,512

12-10-88 Shut-in awaiting frac.

Daily - Sup: \$400

Cum - \$12,912

12-11-88 THP 150 psi, open tubing valve and blew 2-3 min before oil hit surface. Shutin with 30 psi. Rigged up hot oiler had to reach 1200 psi to pump in - pumped 5 Bbl 3% KCl - Well dead. - TOOH with tubing and packer. Note: Water in tanks had ice on top - water very cold, gel had at least 3 hr hydration time.

Frac with 30#/1000 gal cross-linked gel as follows:

Pad	@ about			7.5 BPM, 14-1700 psi
20/40	Sand @ 1#/gal	50	Bbl	@ 10.7 BPM, 1580 psi
20/40	Sand @ 2#/gal	52	Bbl	@ 10.7 BPM, 1530 psi
20/40	Sand @ 3#/gal	54	Bbl	@ 10.7 BPM, 1600 psi
20/40	Sand @ 4#/gal	253	Bbl	@ 10.7 BPM, 1550 psi
20/40	Sand @ 4#/gal	253	Bbl	@ 10.7 BPM, 1380-1650 psi

Flushed with non-complexed gel 59 Bbl @ 10.7 BPM, 1450 psi  
 Treating pressure: Min=1340 psi Max = 1750 psi, Avg. = 1550 psi, AIR 10.7 BPM, ISIP = 1090 psi 5 min. SIP=1050 psi  
 10 min SIP=960 psi, 15 min SIP=930 psi.

All sand tagged with 1/2 millicuries Iridium 192/1000# sand.  
 All frac fluid inhibited with 3% KCl + 1/4#/1000 gal Clay Master.

SIFN. 914 BLTR.

Daily:	Rig:	\$900
	Sup.	400
	HB&R	275
	Western	16,361
(Dawn)	Water	2,500
(Dawn)	Tank hauling	1,500
	Pro-Technics	920
		<u>\$22,856</u>

Cum: \$35,768

12-12-88 Wellhead frozen - Thawed with hot water - OPSI TP.

Tag fill at 3991' KB (129' sand on plug) - Pick up tubing bottom to 3753' and swab (56' above perfs) - IFL within 100' of surface - Made 23 swab runs recovering 184 Bbl frac load - No show of oil, very little sand, fluid level recovering to 1800' between runs. 730 BLTR.

Daily: Rig - \$1800  
 Sup - 400  
 \$2,200

Cum: \$37,968

12-13-88 Well dead - TIH to sand fill at 3989' KB - Pick up 7 stands to 3574' KB and resume swabbing - Initial fluid level at 200', slight oil cut on top of first swab (2%) - Swab 112 Bbl in 16 runs, fluid recovering to 1800' between pulls - Run GR-CCL after frac log from 4009' to tubing bottom at 3574' - Survey showed frac went out perfs 3828-32' no tag indicated at 3809-10' perfs and only a moderate amount at 3820' perfs. RA tag also appeared at 3893-98' and strongly at 3760-76'.

Layed down 68 single joints (2047.56'), TIH w/ production tubing string SDFN - 618 BLTR.

Daily: Rig - \$1,500  
 Sup - 400  
 \$1,900

Cum: \$39,686

12-14-88 0 psi CHP, 0 psi THP. - Rig down BOP. Set tubing anchor and set tubing slips with 11,000# tension. Landed tubing as follows:

<u>Description</u>	<u>Length</u>	<u>Depth</u>
KB to landing point	12.00'	0-12
69 jts. 2 3/8", 4.7#/ft. N-80 EUE tbg.	3728.37'	12-3740
1-2 3/8" tubing anchor	3.20'	3740-3744
1-2 3/8" seating nipple	1.10'	3744-3745
1-2 3/8" perforated sub	6.20'	3745-3751
1 jt. 2 3/8" mud anchor	30.24'	3751-3781

TIH with pump and rod string. Landed as follows:

KB to landing point	8.00	0-8
1 1/4" x 22' polished rod with		
1 1/2" x 12' polished rod liner (6' out)	22.00	8-24
1-8' and 1-4' 3/4" rod subs	12.00	24-36
136-3/4" Class D scraped rods	3400.00	36-3436
12-3/4" Class D plain rods	300.00	3436-3736
Rod stretch	8.00	3736-3744
2" x 1 1/2" x 12' x 13' x 16' RHAC top		
hold down pump.	16.00	3744-3760

12-14-88 Spaced pump and hung well on bridle - Set 500 gallon propane  
(Cont.) tank for pumping unit fuel during load recovery - Tie frac tank  
to flow line. Put well on pump, stuffing box blew out. SIFN.

Daily:	Bayless -	\$1,800
	Sup -	200
	Propane -	350
	Holgate -	300
		<hr/>
		\$2,650

Cum: \$42,518

12-15-88	Repaired stuffing box, returned to pumping.
12-16-88	Pumped 120 BLW in 19.5 hr, 498 BLTR.
12-17-88	Pumped 103.54 BLW in 24 hr, 394 BLTR.
12-18-88	Pumped 170.34 BLW in 24 hr, 224 BLTR.
12-19-88	Pumped 145.20 BLW in 24 hr, 1% oil, 35# CP, 79 BLTR.
12-20-88	Pumped 150 BLW in 24 hr, 1% oil, 60 psi CP, 71 Bbl overload recovered.
12-21-88	Pumped 151.9 BLW In 24 hr, 1% oil, 60 psi CP, 223 Bbl overload recovered.