Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (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.)

5. LEASE DESIGNATION AND SERIAL NO.: NM 43753

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Mallon Oil Company

8. FARM OR LEASE NAME: Post Federal

3. ADDRESS OF OPERATOR: 2750 Security Life Building, Denver, CO 80202

9. WELL NO.: #13-6

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1850' FNL & 1670' FWL

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FEB 07 1986
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

10. FIELD AND POOL, OR WILDCAT: Gavilan Mancos/Gavilan Greenhorn-Graneros-Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 13, T25N, R2W

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7450' GL

12. COUNTY OR PARISH: Rio Arriba

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	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) T.D. run csg.			
(Other)				(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 Sheets.

RECEIVED
FEB 14 1986
OIL CON. DIV.
DIST. 3

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

SIGNED Robin A. McCord TITLE Agent DATE 2-7-86

ACCEPTED FOR RECORD

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

FEB 13 1986
FARMINGTON RESOURCE AREA
BY _____

*See Instructions on Reverse Side

NMOCC

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

KM PRODUCTION COMPANY
P.O. Box 2406
Farmington, NM 87401
(505) 325-6900

MALLON OIL COMPANY
Post Federal #13-6

Sec. 13, T25N, R2W
1850' FNL & 1670' FWL
Rio Arriba County, NM

Daily Report

1-18-86 Spud well @ 4:30 p.m. 1-18-86. Drilled 13-3/4" surface hole. Drilling with spud mud. 45 gel, 3 lime.

1-19-86 Drilled 13-3/4" surface hole to 268'. Ran 6 jts of 9-5/8" 36#/ft J-55 new casing (256 ft), set @ 268' RKB. Rigged up Cementers, Inc. Cemented surface with 250 sacks (295 ft^3) Class B w/2% $CaCl_2$. Good circulation throughout job. Circulated cement to the surface. Plug down @ 1:15 p.m. 1-18-86. WOC 12 hours. Drilled with fresh water. 20 Saper gel, 6 woolseal, 10 hulls. 3/4°@ 268'.

1-20-86 Drilling @ 1492'. Mud wt 8.5, Visc. 28, W.L. 10.0. ½° @ 782', 3/4° @ 1276'.

1-21-86 Drilling @ 2980'. Mud wt 9.0, Visc. 34, W.L. 6.0. 1½° @ 1632', 1° @ 2013', ½° @ 2502'.

1-22-86 Drilling @ 3854'. Mud wt 9.1, Visc. 42, W.L. 6.2. ¼° @ 2992', 1° @ 3517'.

1-23-86 Drilling @ 4497'. Mud wt 9.2, Visc. 43, W.L. 6.2. 3/4° @ 4007'.

1-24-86 Drilling @ 5155'. Mud wt 9.2, Visc. 36, W.L. 6.8. ½° @ 4528', ½° @ 5013'.

1-25-86 Drilling @ 5357'. Mud wt 9.1, Visc. 42, W.L. 8.0. ½° @ 5262'.

1-26-86 Drilling @ 5816'. Mud wt 9.0, Visc. 37, W.L. 7.0. ½° @ 5754'.

1-27-86 Drilling @ 5970'. Mud wt 8.0, Visc. 65, W.L. 5.0. 1¼° @ 5970'.

1-28-86 Drilling @ 6582'. Mud wt 8.9, Visc. 37, W.L. 4.0. 1¼° @ 6459'.

1-29-86 Drilling @ 7090'. Mud wt 9.0, Visc. 38, W.L. 8.6. 2° @ 6979'.

1-30-86 Drilling @ 7477'. Mud wt 8.6, Visc. 42, W.L. 7.8. 1° @ 7406'.

1-31-86 Drilling @ 7749'. Mud wt 8.7, Visc. 52, W.L. 8.8. ½° @ 7749'.

2-1-86 Drilling @ 7965'. Mud wt 8.7, Visc. 42, W.L. 8.0.

2-2-86 Drilling @ 8155'. Mud wt 8.0, Visc. 49, W.L. 6.0.

2-3-86 T.D. well @ 7:00 a.m. 2-2-86. Circulate for 1½ hours. Short trip 25 stands (above Gallup), pulled tight for 15 stands. Wash through bridges @ 7450, 7624 to 7686, 7732 to 7746, 7777 to 7806, and 8135 to T.D. @ 8160. circulate & condition hole for 2½ hours. Short trip 20 stands (no tight spots - no bridges). Trip out of hole for logs (chain out). Rig up Welex. Logs stopped @ 7386. Ran IEL from 7386 to surface. Trip in hole to knock out bridges.

2-4-86 Trip in hole to knock out bridges. (cut 350' drilling line). Worked through bridges from 7367-7650-8042. Wash 48 feet to bottom (8112-8160). Lost 150 bbls of mud this trip. Circulate and condition mud. Mud on bottom had double the calcium (32 to 60) and lower PH (8.5 from 9.0) than when last conditioned. Build mud volume and condition viscosity to 95-100 sec. Short trip 20 stands. Pulled tight @ 7367'. No bridges and no fill on bottom. Trip out of hole (chain out 20 stands). Pulled tight @ 7367. Rigged up Welex. Ran IEL from T.D. to 6400'. Logging truck broke down. Call 2nd logging truck from Farmington. Wait on logging truck.

2-5-86 Wait on logging truck. Rig up Welex. Ran GR-CNL-CDL log from TD. Trip in hole with drillpipe. Circulate @ 5292 for ½ hour. Lost 150 bbls of mud. Circulate and condition mud and build volume at T.D. for 3 hours. L.D.D.P.

2-6-86 Finish L.D.D.P. Ran 5½" casing as follows:

DESCRIPTION	LENGTH	DEPTH
KB to landing point	11.00	0-11
1 jt 5½" 173/ft J-55 casing cutoff (10.93' out)	31.17	11-42
89 jts 5½" 17#/ft J-55 casing	3713.80	42-3756
1 D.V. tool	2.53	3756-3758
55 jts 5½" 17#/ft J-55 casing	2302.66	3758-6061
1 D.V. tool	2.53	6061-6064
49 jts 5½" 17#/ft J-55 casing	2049.05	6064-8113
1 D.F.F.C.	2.21	8113-8115
1 jt 5½" 173/ft J-55 casing shoe jt.	42.10	8115-8157
1 guide shoe	.95	8157-8158
	8158.00	

D.F.F.C. @ 8113' RKB, Lower D.V. @ 6061' RKB, Upper D.V. tool @ 3756' RKB. Centralizers @ 8138, 8073, 7988, 7905, 7570, 7444, 7318, 7191, 7065, 6939, 6819, 6693, 6108, 6021, 3803, & 3716.

Rigged up Dowell. Pumped 10 bbls of water. Cemented 1st stage (while rotating casing) with 680 ft^3 (500 sx) of 50-50 pozmix with 2% gel, 10% salt & 5# gilsonite/sx, and ¼# flocele/sx. Good circulation through majority of job.

2-6-86 Lost circulation with 11 bbls of displacement remaining (45 sx or 61.7 ft^3) estimated top of cement @ 6412'. Bumped plug to 1250 psi. Held OK. Plug down @ 4:00 p.m. 2-5-86. Dropped bomb to open lower D.V. tool. Opened tool with 1000 psi. Circulated mud for 3 hours. Pumped 10 bbls of water. Cemented 2nd stage with 276 ft^3 (100 sx) Class B cement with 2% D-79, 5# gilsonite/sx, and ¼# flocele/sx tailed by 238 ft^3 (175 sx) 50-50 pozmix with 2% gel, 10% salt, 5# gilsonite/sx and ¼# flocele/sx. Good circulation throughout job. Bumped plug to 2750 psi. Held OK. Plug down @ 7:45 p.m. 2-5-86. Dropped bomb to open upper D.V. tool. Opened tool with 1000 psi. Circulated mud for 3 hours. Pumped 10 bbls of water. Cemented 3rd stage with 690 ft^3 (250 sx) Class B cement with 2% D-79, 5# gilsonite/sx and ¼# flocele/sx tailed by 170 ft^3 (125 sx) 50-50 pozmix with 2% gel, 10% salt, 5# gilsonite/sx and ¼# flocele/sx. Good circulation through majority of job. Lost circulation with 10 bbls of displacement remaining. Bumped plug to 2750 psi. Held OK. Plug down @ 12:00 a.m. 2/6/86. Nipple down BOP. Set slips and cutoff casing. Released rig @ 4:00 a.m. 2-6-86. WOC.