

Mallon Oil Company

Denver/Colorado ♦ Carlsbad/New Mexico

NSP 8/12/98

a Mallon Resources subsidiary

July 13, 1998

Mr. Mike Stogner
State of New Mexico
Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Re: Jicarilla 464-30 No. 10
1700 FNL, 800 FWL, (SW NW), Unit F
Sec. 30, T30N-R03W
Rio Arriba County, New Mexico

Dear Mr. Stogner:

Mallon Oil Company received a Non Standard Location approval NSP-1786(L) for the Pictured Cliffs formation.

In June 1998, Mallon Oil Company dual completed the well in the Wildcat, Cabresto Canyon; Nacimiento and the Wildcat, Cabresto Canyon; San Jose formations which is also non standard location.

Mallon Oil Company would like to apply for a Non Standard Location approval for the Wildcat Cabresto Canyon; Nacimiento and Wildcat, Cabresto Canyon; San Jose at the existing wellbore location. Mallon Oil Company is the sole operator within a half mile radius of this location.

Enclosed is a copy of Mallon Oil Company's C-102 which was sent July 1, 1998 and a copy of the Completion Report (3160-4).

Should you need any additional information, please contact the undersigned at 505-885-4596.

Sincerely,

MALLON OIL COMPANY



Duane C. Winkler
Operations Manager

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSUBMIT IN DUPLICATE*
(See other instructions
on reverse side)FORM APPROVED
OMB NO 1004-0137
Expires February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a TYPE OF WELL OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input type="checkbox"/> WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>		5 LEASE DESIGNATION AND SERIAL NO Jic 464	
b TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/>		6 IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache Tribe	
2 NAME OF OPERATOR Mallon Oil Company		7 UNIT AGREEMENT NAME N/A	
3 ADDRESS AND TELEPHONE NO. P.O. Box 3256, Carlsbad, NM 88220 (505) 885-4596		8 FARM OR LEASE NAME, WELL NO Jicarilla 464-30 No. 10	
4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements *) At surface 1700 FNL and 800 FWL (SW NW) Unit F At top prod. interval reported below 1700 FNL and 800 FWL (SW NW) Unit F At total depth		9 API WELL NO 30-039-25788	
14 PERMIT NO N/A		DATE ISSUED N/A	
15 DATE SPUDDED 4/26/98		16 DATE TD REACHED 5/1/98	
17 DATE COMP (Ready to Prod) 6/27/98		18 ELEVATION (DF, RKB, RT, GR, ET) 7230'	
19 ELEV. CASINGHEAD 7231'		12 COUNTY OR PARISH Rio Arriba	
13 STATE NM		11 SEC., T., R., M. OR BLOCK AND SURVEY OR AREA Sec. 30, T30N-R03W	
20 TOTAL DEPTH MD & TVD 4130'		21 PLUGBACK TD, MD & TVD 4036	
22 IF MULTIPLE COMP, HOW MANY* 2		23 INTERVALS DRILLED BY yes	
24 PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD*) 1683'-1699' Cabresto Canyon; San Jose		25 WAS DIRECTIONAL SURVEY MADE Yes	
26 TYPE ELECTRIC AND OTHER LOGS RUN GR-DIL, GR-DSN-SDL		27 WAS WELL CORED N/A	
28 CASING RECORD (Report all strings set in well)			
CASING SIZE/GRADE		WEIGHT LB/FT	
8-5/8"		24	
5-1/2"		15.5	
DEPTH SET (MD)		HOLE SIZE	
543'		12-1/4"	
4121'		7-7/8"	
TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED	
Cmt 300 xxs Class "B", circ 109 xxs to surface		N/A	
Cmt 740 xxs, circ 106 xxs to surface		N/A	
29 LINER RECORD			
SIZE		TOP (MD)	
N/A			
BOTTOM (MD)		SACKS CEMENT * SCREEN (MD)	
30 TUBING RECORD			
SIZE		DEPTH SET (MD)	
1.9		1652'	
PACKER SET (MD)			
31 PERFORATION RECORD (Interval, size, and number)			
Cabresto Canyon; San Jose 1683'-1699' 64 holes			
32 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
1683'-1699'		1000 gls 7-1/2% acid frac 40,000 lbs 20/40 sand	
33 PRODUCTION			
DATE FIRST PRODUCTION 6/29/98		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing	
WELL STATUS (Producing or Shut In) Producing			
DATE OF TEST 6/13/98		HOURS TESTED 24	
CHOKE SIZE 3/8"		PROD'N FOR TEST PERIOD 0	
OIL - BBL 0		GAS - MCF 579	
WATER - BBL 40		GAS-OIL RATIO N/A	
FLOW TBG PRESS 170		CASING PRESSURE 0	
CALCULATED 24 HOUR RATE 0		OIL - BBL 0	
GAS - MCF 579		WATER - BBL 40	
OIL GRAVITY - API (CORR) N/A			
34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold			
TEST WITNESSED BY J. Winkler			
35 LIST OF ATTACHMENTS			

36 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Christy Serrano Production Secretary DATE 7/1/98

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. 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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Ojo Alamo	3330'	
				Kirtland	3555'	
				Fruitland	3777'	
				Pictured Cliffs	3872'	
				Lewis	3948'	

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, NM 87504-2088

Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-25788		*Pool Code	*Pool Name Wildcat Cabresto Canyon; San Jose
*Property Code	*Property Name JICARILLA 464-30		*Well Number 10
*GRID No. 013925	*Operator Name MALLON OIL CO.		*Elevation 7230'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	30	30-N	3-W		1700	NORTH	800	WEST	RIO ARriba

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

*Dedicated Acres 160	*Joint or Infill	*Consolidation Code	*Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16 U.S.G.L.O. B.C. 1917 WEST 4067' (RECORD) 1700' 800' (MEASURED) 5633.59' N 0°06'57" W U.S.G.L.O. B.C. 1917	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Signature Terry Lindeman Printed Name Production Superintendent Title 1-12-98 Date	
	18 SURVEYOR CERTIFICATION 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 Date of Survey 12-8 Signature and Seal of Professional Surveyor PROY A. RUSH NEW MEXICO REGISTERED PROFESSIONAL LAND SURVEYOR 8894 Certificate Number 8894	

Exhibit A

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSUBMIT IN DUPLICATE*
(See other instructions
on reverse side)FORM APPROVED
OMB NO 1004-0137
Expires: February 28, 1995

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1b TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/>		6 IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache Tribe	
2 NAME OF OPERATOR Mallon Oil Company		7 UNIT AGREEMENT NAME N/A	
3 ADDRESS AND TELEPHONE NO. P.O. Box 3256, Carlsbad, NM 88220 (505) 885-4596		8 FARM OR LEASE NAME, WELL NO. Jicarilla 464-30 No. 10	
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14 PERMIT NO. N/A		10 FIELD AND POOL, OR WILDCAT Wildcat Cabresto Canyon; Nacimiento	
DATE ISSUED N/A		11 SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 30, T30N-R03W	
12 COUNTY OR PARISH Rio Arriba		13 STATE NM	
15 DATE SPUDDED 4/26/98	16 DATE TD REACHED 5/1/98	17 DATE COMP (Ready to Prod) 6/27/98	18 ELEVATION (DF, RKB, RT, GR, ET) 7230'
19 ELEV CASINGHEAD 7231'		20 TOTAL DEPTH, MD & TVD 4130'	
21 PLUGBACK TD, MD & TVD 4036		22 IF MULTIPLE COMP, HOW MANY* 2	
23 INTERVALS DRILLED BY →		ROTARY TOOLS Yes	
24 PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) 2540'-2546', 2578'-2590', 2612'-2636' Cabresto Canyon; Nacimiento		CABLE TOOLS N/A	
25 WAS DIRECTIONAL SURVEY MADE Yes		26 TYPE ELECTRIC AND OTHER LOGS RUN GR-DIL, GR-DSN-SDL	
27 WAS WELL CORED N/A		28 CASING RECORD (Report all strings set in well)	
CASING SIZE/GRADE		WEIGHT LB/FT	
8-5/8"		24	
5-1/2"		15.5	
DEPTH SET (MD)		HOLE SIZE	
543'		12-1/4"	
4121'		7-7/8"	
TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED	
Cmt 300 sxs Class "B", circ 109 sxs to surface		N/A	
Cmt 740 sxs, circ 106 sxs to surface		N/A	
29 LINER RECORD		30 TUBING RECORD	
SIZE		SIZE	
TOP (MD)		DEPTH SET (MD)	
BOTTOM (MD)		PACKER SET (MD)	
SACKS CEMENT * SCREEN (MD)		1.9	
N/A		2427'	
2428'		31 PERFORATION RECORD (Interval, size, and number)	
Cabresto Canyon; Nacimiento		32 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
2540'-2546', 2578'-2590', 2612'-2636' 168 holes		DEPTH INTERVAL (MD)	
2540'-2636'		AMOUNT AND KIND OF MATERIAL USED	
3000 gls 7-1/2% acid		frac 63,700 lbs 20/40 sand	
33 * PRODUCTION		WELL STAT (Producing or Shut In)	
DATE FIRST PRODUCTION 6/29/98		Producing	
PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing		DATE OF TEST 5/30/98	
HOURS TESTED 24		CHOKE SIZE 3/8"	
PROD'n FOR TEST PERIOD →		OIL - BBL 0	
GAS - MCF 730		WATER - BBL 96	
GAS-OIL RATIO N/A		FLOW TBG PRESS 220	
CASING PRESSURE 0		CALCULATED 24 HOUR RATE →	
OIL - BBL 0		GAS - MCF 730	
WATER - BBL 96		OIL GRAVITY - API (CORR) N/A	
34 DISPOSITION OF GAS Sold		(Sold, used for fuel, vented, etc.)	
TEST WITNESSED BY J. Winkler		35 LIST OF ATTACHMENTS	
36 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED Christy Serrano		Production Secretary	
DATE 7/1/98			

* [See Instructions and Spaces for Additional Data on Reverse Side]

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, flowing and shut-in pressures, and recoveries):

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				Fruitland	3777'	
				Pictured Cliffs	3872'	
				Lewis	3948'	

DISTRICT VI
1006 Rio Branca Rd., Aztec, N.M. 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, NM 87504-2088

DISTRICT IV
PO Box 2088, Santa Fe, NM 87504-2088

☐ AMENDED REPORT

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4 Property Code		5 Property Name JICARILLA 464-30			6 Well Number 10
7 GRID No. 013925		8 Operator Name MALLON OIL CO.			9 Elevation 7230'

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11 Bottom Hole Location If Different From Surface

11L or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres 160	13 Joint or Infill	14 Consolidation Code	15 Order No.
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OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>16</p> <p>U.S.G.L.O. B.C. 1917</p> <p>WEST</p> <p>4067' (RECORD)</p> <p>1700'</p> <p>800'</p> <p>(MEASURED)</p> <p>N 0°06'57" W 5633.59'</p> <p>U.S.G.L.O. B.C. 1917</p>	<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p><i>Terry Lindeman</i></p> <p>Signature</p> <p>Terry Lindeman</p> <p>Printed Name</p> <p>Production Superintendent</p> <p>Title</p> <p>1-12-98</p> <p>Date</p>	
	<p>18 SURVEYOR CERTIFICATION</p> <p>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</p> <p>12-1880Y A. RUSH</p> <p>Date of Survey</p> <p><i>[Signature]</i></p> <p>Signature and Seal of Professional Surveyor</p> <p>8894</p> <p>REGISTERED PROFESSIONAL LAND SURVEYOR</p> <p>8894</p> <p>Certificate Number</p>	