

Mallon Oil Company

Denver/Colorado ♦ Carlsbad/New Mexico

NSL 9/14/98
a Mallon Resources subsidiary

August 24, 1998

State of New Mexico
Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Attn: Mr. Mike Stogner

Re: Jicarilla 458 No. 3
1815' FNL, 230' FEL (SE NE) Unit H
Sec. 7, T30N-R03W
Rio Arriba County, NM

Dear Mr. Stogner:

Mallon Oil Company received a Non Standard Location approval (NSL-2377) for the Pictured Cliffs formation.

In December 1997 Mallon Oil Company completed the well into the Cabresto Canyon; Ojo Alamo Extension formation which is also a non standard location.

Mallon Oil Company would like to apply for Non Standard Location approval for the Cabresto Canyon; Ojo Alamo Extension at the existing wellbore location.

Please find enclosed a copy of Mallon Oil Company's C-102 which was sent December 12, 1997 and a copy of the completion report (3160-4).

Should you need any further information, Please contact the undersigned at 505-885-4596.

Sincerely,

MALLON OIL COMPANY

Duane C. Winkler
Operations Manager

Enclosures

Christy Serrano

Fax 970-382-7650

P.O. Box 2797 Durango CO 81302

Form 3160-1
(July 1992)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

(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 JIC458	
b. TYPE OF COMPLETION NEW <input type="checkbox"/> WORK <input type="checkbox"/> DEEP- <input type="checkbox"/> PLUG <input type="checkbox"/> GIFF <input type="checkbox"/> WELL <input type="checkbox"/> OVER <input checked="" type="checkbox"/> EN <input type="checkbox"/> BACK <input type="checkbox"/> RESVR <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache Tribe	
2. NAME OF OPERATOR Mallon Oil Company		7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. P.O. Box 3256, Carlsbad, NM 88220 (505) 885-4596		8. FARM OR LEASE NAME, WELL NO. Jicarilla 458 No. 3	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1815' FNL and 230" FEL		9. API WELL NO. 30-039-24167	
At too prod interval reported below 1815' FNL and 230" FEL		10. FIELD AND POOL OR WILDCAT East Blanco, Ojo Alamo	
At total depth 1815' FNL and 230" FEL		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 7, T30N-R3W	
14. PERMIT NO. N/A	DATE ISSUED N/A	12. COUNTY OR PARISH Rio Arriba	13. STATE New Mexico
15. DATE SPUDDED 3/7/88	16. DATE TO REACHED 3/13/88	17. DATE COMP (Ready to Prod.) 1/14/98	18. ELEVATION (OF RKB, RT, GR, ETC.) 7089' GL
19. ELEV. CASING HEAD	20. TOTAL DEPTH, MD & TVD 4077' KB		
21. PLUGBACK TO, MD & TVD 3620'	22. IF MULTIPLE COMP. HOW MANY? N/A	23. INTERVALS DRILLED BY →	24. ROTARY TOOLS 0 - TD
25. CABLE TOOLS N/A		26. WAS DIRECTIONAL SURVEY MADE N/A	
27. TYPE ELECTRIC AND OTHER LOGS RUN Existing		28. WAS WELL CORED N/A	
29. CASING RECORD (Report all strings set in well)			
CASING SIZE/GRADE	WEIGHT LB/FT	DEPTH SET (MD)	HOLE SIZE
Existing			
30. LINER RECORD		31. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT
N/A			
32. PERFORATION RECORD (Interval, size, and number)		33. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
3163'-3186' 4 JSPF 3204'-3230' CIBP at 3620'		DEPTH INTERVAL (MD) 3163'-3230'	
		AMOUNT AND KIND OF MATERIAL USED 3000 gals acid frac 50,000 lbs 12/20	
34. PRODUCTION			
DATE FIRST PRODUCTION 1/14/98	PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing	WELL STATUS (Producing or Shut In) Producing	
DATE OF TEST 1/10/98	HOURS TESTED 24	CHOKE SIZE 3/8"	PROOF FOR TEST PERIOD →
FLOW TDG PRESS 290	CASING PRESSURE 0	CALCULATED 24-HOUR RATE →	0
OIL - BBL 0	GAS - MCF 956	WATER - BBL 220	GAS-OIL RATIO N/A
35. DISPOSITION OF GAS (Solid, used for fuel, vented, etc.) Sold		TEST WITNESSED BY Lindeman	
36. LIST OF ATTACHMENTS			
37. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.			
SIGNED M. GAY DAVIS		TITLE Production Analyst	
DATE 12/12/97			

* 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

CONFIDENTIAL

CONFIDENTIAL

District I
PO Box 1960, Hobbs, NM 88241-1960
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Bravo Rd., Alamo, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

APN Number 30-039-24167		Pool Code	Pool Name Cabresto Canyon; Ojo Alamo Ext.
Property Code	Property Name Jicarilla 458		Well Number 3
OGRLD No. 013925	Operator Name Mallon Oil Company		Elevation 7089'

10 Surface Location

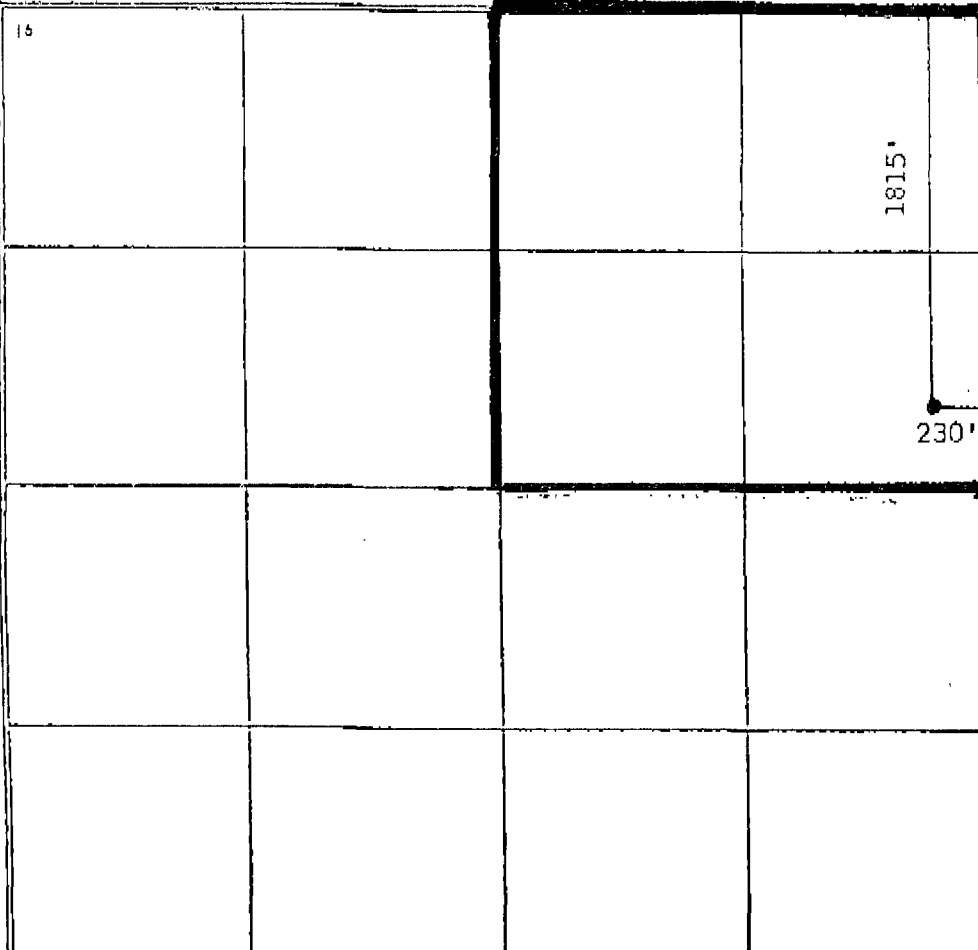
UL or lot no.	Section	Township	Range	Lot ldo	Feet from lbr	North/South line	Feet from lbr	East/West line	County
H	7	30N	3W	N/A	1815	North	230	East	Rio Arriba

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot ldo	Feet from lbr	North/South line	Feet from lbr	East/West line	County
H	7	30N	3W	N/A	1815	North	230	East	Rio Arriba

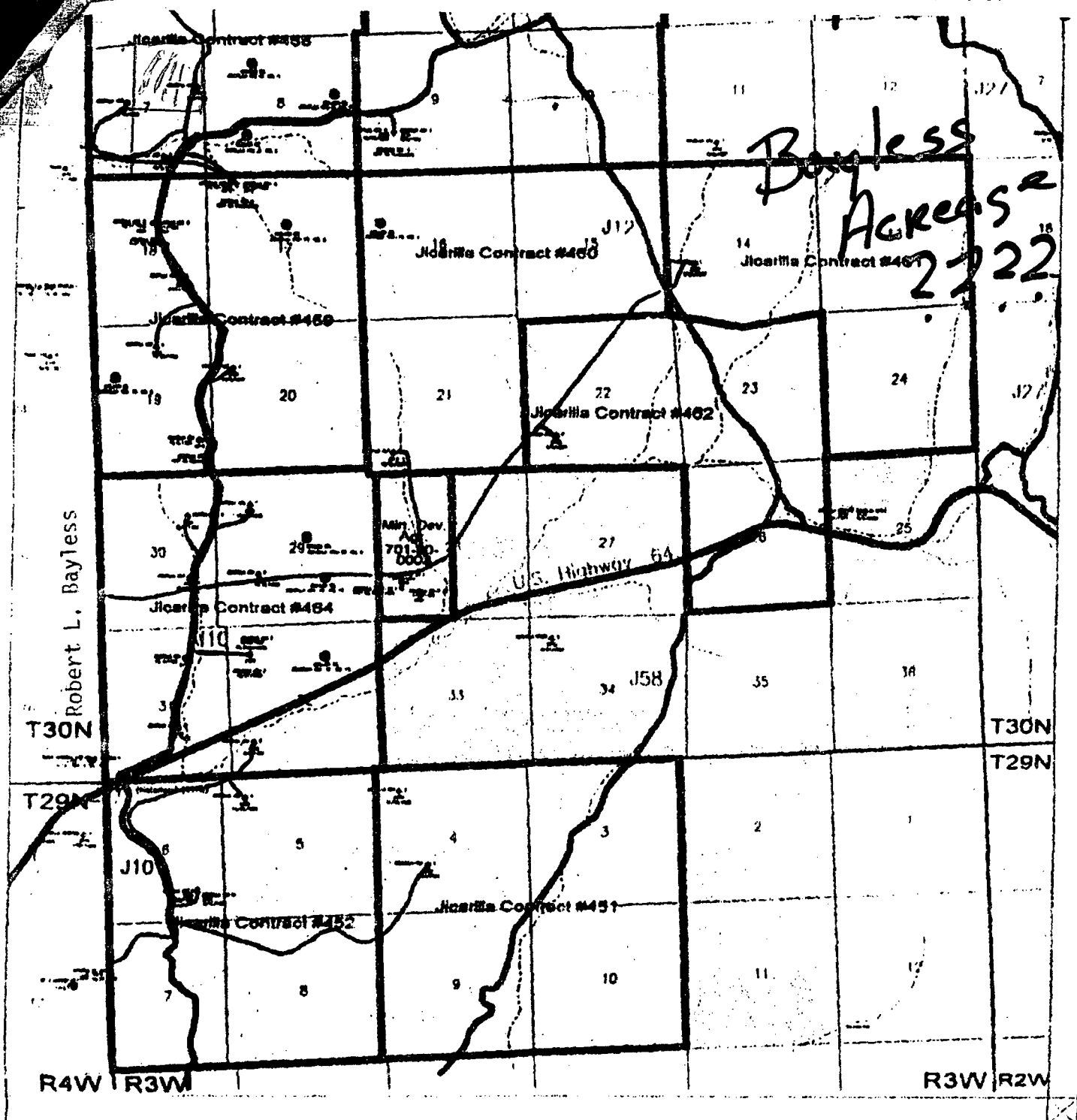
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
160		N/A	N/A

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

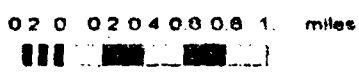
<div>15</div> 	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Christy Serrano</i> Signature Christy Serrano Printed Name Secretary Title January 15, 1998 Date
	18 SURVEYOR CERTIFICATION I hereby certify 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 Signature and Seal of Professional Surveyor
	Certificate Number

CONFIDENTIAL

100 0.000000 1 m.s. 1 441 1 1/100 1



Scale 1:63360.



MALLON OIL COMPANY	
East Blanco Field - San Juan Basin	
Townships 29-30 North	
Rio Arriba County, New Mexico	
	10/29/87

EXHIBIT
B



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

GARREY CARRUTHERS
GOVERNOR

POST OFFICE BOX 2000
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

August 20, 1987

Robert L. Bayless
P.O. Box 168
Farmington, NM 87499

Attention: Kevin H. McCord
Petroleum Engineer

Amended Administrative Order NSL-2377

Gentlemen:

Reference is made to your application for a non-standard location for your Jicarilla 458 Well No. 3 to be located 1815 feet from the North line and 230 feet from the East line of Section 7, Township 30 North, Range 3 West, NMPM Undesignated Pictured Cliffs Pool, Rio Arriba County, New Mexico. The NE/4 of said Section 7 shall be dedicated to the well.

By authority granted me under the provisions of Rule 104 F(1), the above-described unorthodox location is hereby approved.

Sincerely,

A handwritten signature in dark ink, appearing to read "William J. Lemay".

WILLIAM J. LEMAY
Director

cc: Oil Conservation Division - Aztec

*Released from
Aug 3, 1987*

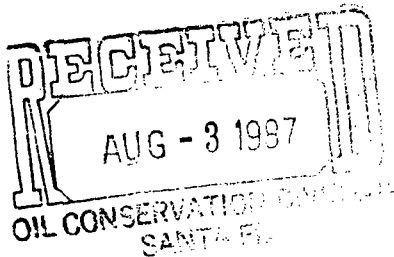
ROBERT L. BAYLESS

PETROLEUM PLAZA BUILDING

P. O. BOX 168

FARMINGTON, NEW MEXICO 87499

(505) 326-2659



July 29, 1987

*NX-2377
RULE-104F(Z)*

Mr. William J. LeMay
New Mexico Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87501

*Undesignated Pictured
Cliffs Pool
160 Acre deal
NE 1/4 Sec 7.*

RE: Request for Administrative
Approval of an Unorthodox
Location
Jicarilla 458 #3
1815'FNL & 230'FEL
Section 7-T30N-R2W
Rio Arriba County, New Mexico

Gentlemen:

We request administrative approval of an unorthodox location for our Jicarilla 458 #3 Pictured Cliffs formation gas well, located 1815'FNL and 230'FEL, Section 7-T30N-R3W, Rio Arriba County, New Mexico. This well staking is 560 feet too close to the section line separating Section 7 and Section 8. You will note from the enclosed topographic map that there is no other area for an economically buildable location in this quarter section due to the rough topography. Also enclosed is a lease map indicating that Robert L. Bayless is the operator of all surrounding 160 acre tracts to this well.

If you need any further information on this well, please advise.

Yours truly,

Kevin H. McCord

Kevin H. McCord
Petroleum Engineer

KHM/blk
Enclosures
cc: NMOCD, Aztec

*Checked w/ Charlie Choulson
8-10-87
OK*

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION



GARREY CARRUTHERS
GOVERNOR

August 20,

~~August 12,~~ 1987

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

Robert L. Bayless
P.O. Box 168
Farmington, NM 87499

Attention: Kevin H. McCord
Petroleum Engineer

Amended

Administrative Order NSL-2377

Gentlemen:

Reference is made to your application for a non-standard location for your Jicarilla 458 Well No. 3 to be located 1815 feet from the North line and 230 feet from the East line of Section 7, Township 30 North, Range 2 West, NMPM Undesignated Pictured Cliffs Pool, Rio Arriba County, New Mexico. The NE/4 of said Section 7 shall be dedicated to the well.

By authority granted me under the provisions of Rule 104 F(I), the above-described unorthodox location is hereby approved.

Sincerely,

A handwritten signature in cursive script, appearing to read "William J. Lemay".

WILLIAM J. LEMAY
Director

Should be 3

cc: Oil Conservation Division - Aztec

T30N R4W

T30N R3W

1

6

5

ROBERT L. BAYLESS
JIC CONT # 458

JIC 458 #3
O

7

8

2



1



NP-81

29



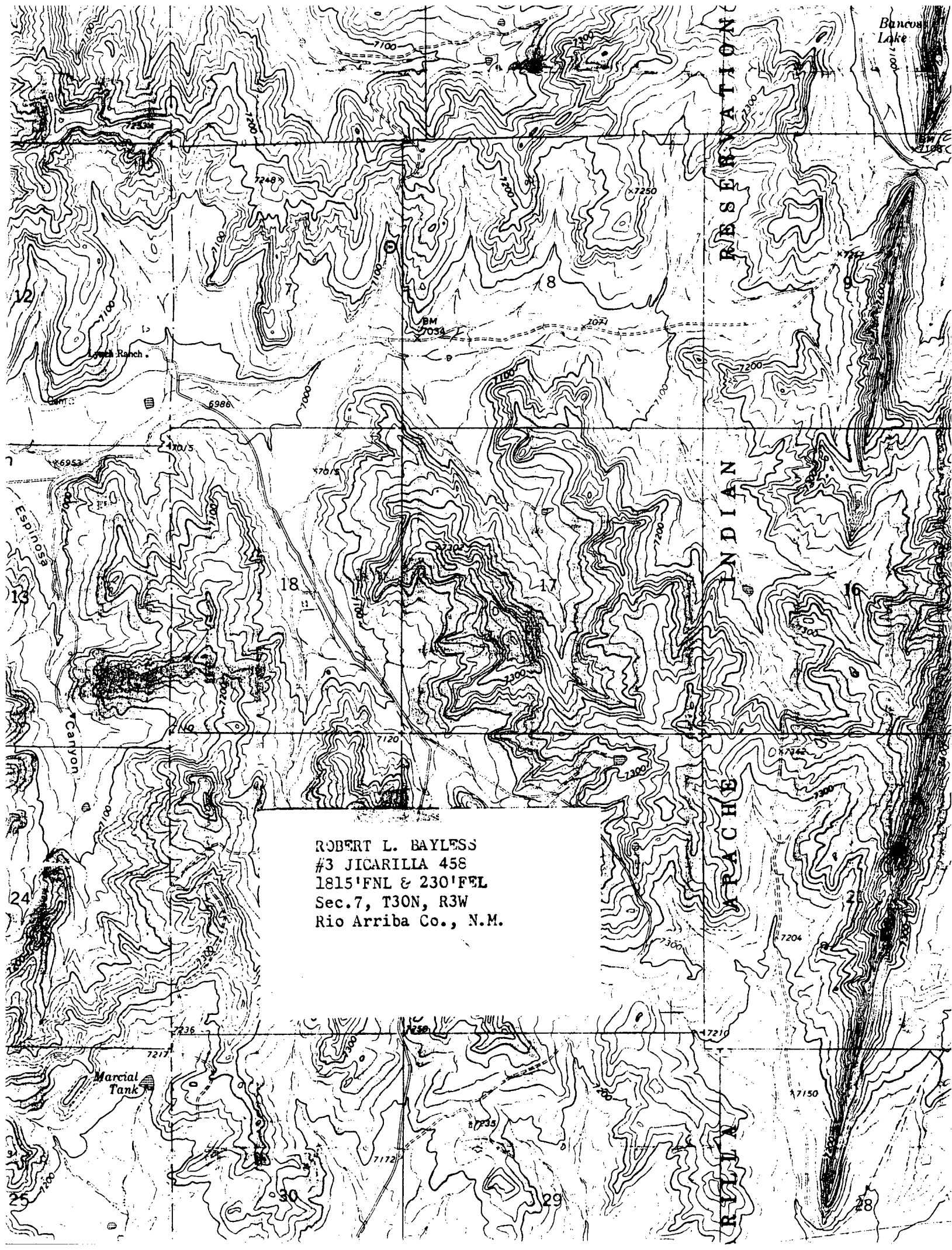
Kpc of D.A.'58

APACHE INDIAN RESERVATION BOUNDARY

D.A.
'58

'59

3



ROBERT L. BAYLESS
#3 JICARILLA 458
1815'FNL & 230'FEL
Sec. 7, T30N, R3W
Rio Arriba Co., N.M.

County Rio Arriba Pool Cabresto Canyon-Ojo Alamo

TOWNSHIP 30 North Range 3 West NMPM

A 36x6 grid with numbered squares 1-36. The grid is divided into six columns and six rows. The numbering is as follows:

Column	Row 1	Row 2	Row 3	Row 4	Row 5	Row 6
1	1	12	13	24	25	36
2	2	11	14	23	26	35
3	3	10	15	22	27	34
4	4	9	16	21	28	33
5	5	8	17	20	29	32
6	6	7	18	19	30	31

A 2x2 square is highlighted in the top-left corner, covering squares 1, 2, 7, and 8.

Description: ^{NE} 1/4 Sec. 18 (R-10990, 5-20-98)

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

10/22/98 12:42:58
OGOIV -EMDT
PAGE NO: 1

Sec : 07 Twp : 30N Rng : 03W Section Type : NORMAL

3 33.57 Indian owned	3 33.57 Indian owned	2 32.61 Indian owned A	1 34.12 Indian owned
4 43.25 Indian owned A	4 43.25 Indian owned A	G 40.00 Indian owned	H 40.00 Indian owned A

PF01 HELP
PF07 BKWD

PF02
PF08 FWD

PF03 EXIT
PF09 PRINT

PF04 GoTo
PF10 SDIV

PF05
PF11

PF06
PF12

72.61
74.12
146.73

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

10/22/98 12:43:06
OGOIV -EMDT
PAGE NO: 2

Sec : 07 Twp : 30N Rng : 03W Section Type : NORMAL

5 43.37	5 43.37	J 40.00	I 40.00
Indian owned	Indian owned	Indian owned	Indian owned
6 43.86	6 43.86	O 40.00	P 40.00
Indian owned	Indian owned	Indian owned	Indian owned
		A	

PF01 HELP
PF07 BKWD

PF02
PF08 FWD

PF03 EXIT
PF09 PRINT

PF04 GoTo
PF10 SDIV

PF05
PF11

PF06
PF12

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau: 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT --" for such proposals.

SUBMIT IN TRIPLICATE

RECEIVED

OIL CON. DIV.

SEP 14 1998

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other:

2. Name of Operator

Mallon Oil Company

3. Address and Telephone No.

P.O. Box 3256, Carlsbad, NM 88220

(505) 885-4596

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1815' FNL and 230' FEL (SE NE) Unit H
Sec. 7, T30N-R3W

5. Lease Designation and Serial No.
JIC458

6. If Indian, Allote or Tribe Name

Jicarilla Apache

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Jicarilla 458 No. 3

9. Well API No.

30-039-24167

10. Field and Pool, or Exploratory Area

E. Blanco, Pictured Cliffs

11. County or Parish, State

Rio Arriba County, New Mexico

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☒ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other: Change of Operator
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on first
Completion or Recompletion Report and Log form.)

13. 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 zone.)

On January 7, 1998, Mallon Oil Company set a CIBP at 3620' isolating the Pictured Cliffs 3716'-3790'.

Perforated the Ojo Alamo 3263'-3286', 3204'-3230' 4 JSPF. Acidize with 3000 gals 7-1/2% Hcl acid, frac 50,000 lbs. 12/20 sand. Set pkr at 3041'. Initiate production through 2-3/8" tbg.

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

Signed

Christy Serrano

Christy Serrano

Title

Production Secretary

Date 08/12/98

(THIS SPACE FOR FEDERAL OR STATE OFFICE USE)

Approved By

Patricia M. Necker

Title

Lands and Mineral Resources

Date

9-10-98

Conditions of approval, if any:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSUBMITTING OFFICATE*
(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. JIC458
b. TYPE OF COMPLETION NEW <input type="checkbox"/> WORK <input type="checkbox"/> DEEP- <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF <input type="checkbox"/> WELL <input type="checkbox"/> OVER <input checked="" type="checkbox"/> EN <input type="checkbox"/> BACK <input type="checkbox"/> RESVR <input type="checkbox"/> OTHER <input type="checkbox"/>	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache Tribe
2. NAME OF OPERATOR Mallon Oil Company	7. UNIT AGREEMENT NAME
3. ADDRESS AND TELEPHONE NO. P.O. Box 3256, Carlsbad, NM 88220 (505) 885-4596	8. FARM OR LEASE NAME, WELL NO. Jicarilla 458 No. 3
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements *) At surface 1815' FNL and 230" FEL At top prod. interval reported below 1815' FNL and 230" FEL At total depth 1815' FNL and 230" FEL	9. API WELL NO. 30-039-24167
	10. FIELD AND POOL, OR WILDCAT East Blanco, Ojo Alamo
	11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 7, T30N-R3W

12. COUNTY OR PARISH Rio Arriba	13. STATE New Mexico			
14. PERMIT NO. N/A	DATE ISSUED N/A			
15. DATE SPUDDED 3/7/88	16. DATE TD REACHED 3/13/88	17. DATE COMP (Ready to Prod.) 1/14/98	18. ELEVATION (DF, RKB, RT, GR, ETC*) 7089' GL	19. ELEV. CASINGHEAD
20. TOTAL DEPTH, MD & TVD 4077' KB	21. PLUGBACK TD, MD & TVD 3620'	22. IF MULTIPLE COMP., HOW MANY* N/A 2	23. INTERVALS DRILLED BY ROTARY TOOLS 0 - TD	CABLE TOOLS N/A
24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD*) 3163'-3186' 3204'-3230' Ojo Alamo				25. WAS DIRECTIONAL SURVEY MADE N/A
26. TYPE ELECTRIC AND OTHER LOGS RUN Existing				27. WAS WELL CORED N/A

CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT LB/FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
Existing 75/8	26.4	143	9 7/8	75 5X 89 4'	
4 1/2	10.5 + 11.6	39.7	6 3/4	300 5X 618 4'	
				+ 125 5X 158 4'	

LINER RECORD				TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT *	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					1-1/2	3028	3032

31. PERFORATION RECORD (Interval, size, and number) 3163'-3186' 3204'-3230' CIBP at 3620'	32. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL (MD) 3163'-3230'	AMOUNT AND KIND OF MATERIAL USED 3000 gals acid frac 50,000 lbs 12/20
--	---	---

PRODUCTION							
DATE FIRST PRODUCTION 1/14/98		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing			WELL STATUS (Producing or Shut In) Producing		
DATE OF TEST 1/10/98	HOURS TESTED 24	CHOKE SIZE 3/8"	PROD'N FOR TEST PERIOD	OIL - BBL 0	GAS - MCF 956	WATER - BBL 220	GAS-OIL RATIO N/A
FLOW TBG PRESS 290	CASING PRESSURE 0	CALCULATED 24-HOUR RATE	OIL - BBL 0	GAS - MCF 956	WATER - BBL 220	OIL GRAVITY - API (CORR.) N/A	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold	TEST WITNESSED BY Lindeman
--	-------------------------------

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 M. GAY DAVIS	TITLE Production Analyst	DATE 12/12/97
------------------------	-----------------------------	------------------

**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

CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

JIC458

6. If Indian, Allottee or Tribe Name

Jicarilla Apache

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Jicarilla 458 No. 3

9. API Well No.

30-039-24167

10. Field and Pool, or Exploratory Area

E. Blanco, Ojo Alamo

11. County or Parish, State

Rio Arriba, New Mexico

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Mallon Oil Company

3. Address and Telephone No.

P.O. Box 3256, Carlsbad, New Mexico 88220 (505)885-4596

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1815' FNL and 230' FEL (SE NE) Unit H
Sec. 7, T30N R3W

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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TYPE OF ACTION

☐ Abandonment

☒ Recompletion

☐ Plugging Back

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☐ Other

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. 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.)

Mallon Oil Company proposed to set CIBP at 3620', to isolate Pictured Cliff
Pers 3716'-3790' and perforate Ojo Alamo, acid and frac stimulate, run tbg
with pkr, produce Ojo Alamo through tbg.

RECEIVED
MAR 4 1998
OIL CON. DIV.
DIST. 3

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

Signed

Christy Serrano

Title

Secretary

Date

1/12/98

(This space for Federal or State office use)

Approved by

[Signature]

Title

Lands and Mineral Resources

Date

MAY 1 1998

Conditions of approval, if any:

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.

*See Instruction on Reverse Side

Hand C-104
for Nish (4)

Form C-102
Revised February 10, 1994
Instructions on back
o Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

1. Operator Name and Address Mallon Oil Company P.O. Box 3256 Carlsbad, NM 88220 (505) 885-4596		2. OGRD Number 013925
		3. Reason for Filing Code CH Effective 1/1/97
4. API Number 30-039-24167	5. Pool Name E. Blanco, Pictured Cliffs	6. Pool Code 72400
7. Property Code 001848-20464	8. Property Name Jicarilla 458	9. Well Number 3

II. 10. Surface Location									
UL or lot no. H	Section 7	Township 30N	Range 3W	Lot Idn. N/A	Feet From the 1815	North/South Line North	Feet From the 230	East/West Line East	County Rio Arriba County

11. Bottom Hole Location									
UL or lot no. H	Section 7	Township 30N	Range 3W	Lot Idn. N/A	Feet From the 1815	North/South Line North	Feet From the 230	East/West Line East	County Rio Arriba County
12. Lse Code F	13. Producing Method Code F	14. Gas Connection Date 04/21/88		15. C-129 Permit Number		16. C-129 Effective Date		17. C-129 Expiration Date	

III. Oil and Gas Transporters				
18. Transporter OGRD 37193	19. Transporter Name and Address Mallon Oil Company P.O. Box 3256 Carlsbad, NM 88220	20. POD 0525330	21. O/G G	22. POD ULSTR Location and Description H-7-30N-3W

IV. Produced Water	
23. POD H-7-30N-3W	24. POD ULSTR Location and Description H-7-30N-3W

V. Well Completion Data				
25. Spud Date	26. Ready Date	27. TD	28. PBTD	29. Perforations
30. Hole Size	31. Casing & Tubing Size		32. Depth Set	33. Sacks Cement

VI. Well Test Data					
34. Date New Oil	35. Gas Delivery Date	36. Test Date	37. Test Length	38. Tbg. Pressure	39. Csg. Pressure
40. Choke Size	41. Oil	42. Water	43. Gas	44. AOF	45. Test Method

46 I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Theresa A. McAndrews</i> Printed Name: Theresa A. McAndrews Title: Office Manager Date: 02/10/97 Phone: (505) 885-4596		OIL CONSERVATION DIVISION Approved By: <i>37.8</i> Title: SUPERVISOR DISTRICT #6 Approval Date: FEB 18 1997	
---	--	--	--

47. If this is a change of operator fill in OGRID number and name of the previous operator.			
Previous Operator Signature Robert L. Bayless	OGRID 019418	Printed Name <i>Kevin H. McQuinn</i>	Title Pet Engineer Date 2/13/97

DISTRICT III
000 Rio Brazos Rd., Aztec, NM 87410

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-104
Revised 1-1-89
See Instructions
at Bottom of Page

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator Robert L. Bayless		Well API No.	
Address P.O. Box 168, Farmington, NM 87499			
Reason(s) for Filing (Check proper box) <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> New Well <input type="checkbox"/> Recombination <input type="checkbox"/> Change in Operator <input type="checkbox"/> </div> <div style="width: 45%;"> Change in Transporter of: Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/> </div> </div>		<input checked="" type="checkbox"/> Other (Please explain) <div style="text-align: center; padding-top: 10px;">Pool change from Wildcat P.C.</div>	
Change of operator give name and address of previous operator			

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease State, Federal or Fee	Lease No.
Jicarilla 458	3	East Blanco Pictured Cliffs		Jic. Cont. 458
Location				
Unit Letter <u>H</u> : <u>1815</u> Feet From The <u>North</u> Line and <u>230</u> Feet From The <u>East</u> Line				
Section <u>7</u> Township <u>30N</u> Range <u>3W</u> . <u>NMPM</u> Rio Arriba County				

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>					Address (Give address to which approved copy of this form is to be sent)	
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>					Address (Give address to which approved copy of this form is to be sent)	
Robert L. Bayless					P.O. Box 168, Farmington, NM 87499	
I well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When ?
If this production is commingled with that from any other lease or pool, give commingling order number:						

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Dif Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.		
Elevations (DF, RKB, KT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth		
Perforations						Depth Casing Shoe		

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)
Length of Test	Tubing Pressure	Casing Pressure
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.

RECEIVED

JUN 22 1960

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

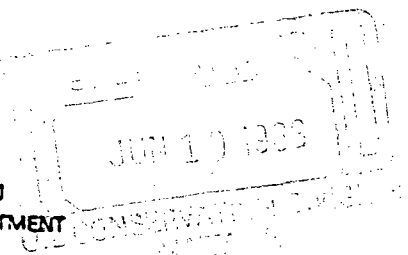
Signature Robert L. Bayless Operator
Printed Name 6/21/90 Title
Date 505/326-2659 Telephone No.

By [Signature]
Title SUPERVISOR DISTRICT # 1

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

NO. OF COPIES RETURNED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.A.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRODUCTION OFFICE	

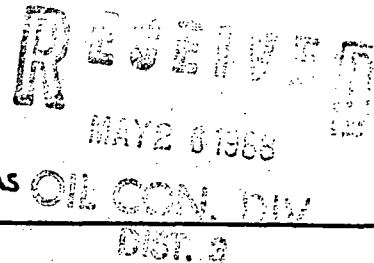


OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-104
Revised 10-01-78
Format 08-01-83
Page 1

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS



I.

Operator Robert L. Bayless	
Address P.O. Box 168, Farmington, NM 87499	
Reason(s) for filing (Check proper box)	Other (Please explain)
<input checked="" type="checkbox"/> New Well <input type="checkbox"/> Recompletion <input type="checkbox"/> Change in Ownership	Change in Transporter of: <input type="checkbox"/> Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Condensate

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name Jicarilla 458	Well No. 3	Pool Name, including Formation Wildcat Pictured Cliffs	Kind of Lease State, Federal or Fee Indian	Lease No. Jic. Cont. 458
Location Unit Letter <u>H</u> : <u>1815</u> Feet From The <u>North</u> Line and <u>230</u> Feet From The <u>East</u> Line of Section <u>7</u> Township <u>30N</u> Range <u>3W</u> , NMPM. Rio Arriba County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Robert L. Bayless	P.O. Box 168, Farmington, NM 87499
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge.
	Is gas actually connected? When
	yes 4/21/88

If this production is commingled with that from any other lease or pool, give commingling order number: _____

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

Robert L. Bayless (Signature)
Operator
(Title)
5/23/88
(Date)

OIL CONSERVATION DIVISION

MAY 26 1988

APPROVED _____, 19____
BY
TITLE SUPERVISOR DISTRICT 3

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

IV. COMPLETION DATA

Designate Type of Completion - (X)		Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Resv.	Dill. Resv.
			X	X					
Date Spudded 3/7/88	Date Compl. Ready to Prod. 4/13/88		Total Depth 4077'		P.B.T.D. 3857' KB				
Elevations (DF, RKB, RT, GR, etc.), 7089' GL 7107' RKB	Name of Producing Formation Pictured Cliffs		Top Oil/Gas Pay 3716'		Tubing Depth 3743'				
Perforations 3716 - 3790						Depth Casing Shoe			
TUBING, CASING, AND CEMENTING RECORD									
HOLE SIZE		CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
9 7/8"		7 5/8"		143' KB		75 sx Class B (89 ft)			
6 3/4"		4 1/2"		3907' KB		300 sx Class B (618 ft)			
		1 1/2"		3743' KB		176			

V. TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D 2633	Length of Test 3 hrs.	Bbls. Condensate/MCF -0-	Gravity of Condensate -0-
Testing Method (pilot, back pr.) Back Pressure Test	Tubing Pressure (Shut-in) 1066	Casing Pressure (Shut-in) 1069	Choke Size 3/4

OIL CONSERVATION DIVISION

Hobbs MAY 31 1988
P.O. Box 1980
Hobbs, NM 88240

Artesia
P.O. Drawer DD
Artesia, NM 88210

Aztec
1000 Rio Brazos
Aztec, NM 87410

NOTICE OF GAS WELL - CONNECTION / RECONNECTION / DISCONNECTION

This is to notify the Oil Conservation Division of the following:

Connection	<u>x</u>	First Delivery	<u>4/21/88</u>	<u>2633 MCFD</u>
		Date		Initial Potential
Reconnection	<u> </u>	First Delivery	<u> </u>	<u> </u>
		Date		Initial Potential
Disconnection	<u> </u>			

for delivery of gas from the Robert L. Bayless
Operator

Jicarilla 458

Lease

Meter Code	Site Code	<u>3</u>	<u>H</u>	<u>Sec. 7, T30N, R3W</u>
		Well No.	Unit Letter	S-T-R

Wildcat Pictured Cliffs
Pool

was made on 4/21/88
date

2633 MCFD

AOF

3/4"

Choke

Robert L. Bayless

Transporter

OCD use only

County 039

Land Type 5

Liq. Transporter

Robert L. Bayless, Owner

Representative Name/Title
(Please type or print)

[Signature]
Representative Signature

Submit in duplicate to the appropriate district office.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP ENDS ☐ PLUG BACK ☐ DIFF. RESER. ☐
FARMINGTON RESOURCE AREA
FARMINGTON, NEW MEXICO

2. NAME OF OPERATOR
Robert L. Bayless

3. ADDRESS OF OPERATOR

P.O. Box 168, Farmington, NM 87401

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

At surface 1815' FNL & 230' EEL

At top prod. interval reported below

same

At total depth

same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

3/7/88

16. DATE T.D. REACHED

3/13/88

17. DATE COMPL. (Ready to prod.)

4/13/88

18. ELEVATIONS (DF, RKB, RT, CR, ETC.)*

7089' GL 7107' RKB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

4077' KB

21. PLUG, BACK T.D., MD & TVD

3857' KB

22. IF MULTIPLE COMPL.,
HOW MANY*

23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0 - TD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Pictured Cliffs 3716-3790

25. WAS DIRECTIONAL
SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

IEL, FDC, CNL

27. WAS WELL CORED

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7 5/8"	26.4#/ft	143' KB	9 7/8"	75 sx (89 ft ³) Class B w/ 3% CaCl ₂	
4 1/2"	10.5&11.6#/ft	3907' KB	6 3/4"	300 sx (618 ft ³) Class B w/ 2% Econolite	
				1/4# celeflake/sx; 125 sx	(158 ft ³) 50/50
				pozmix w/2% gel, 10% salt,	1/4# celeflake/

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
1 1/2"	3743' KB	none

31. PERFORATION RECORD (Interval, size and number)

P.C. w/3-1/8" gun - 2 JSPF

3716-3726 - 21 holes 3760-3766 - 13 holes
3736-3738 - 5 holes 3774-3783 - 19 holes
3744-3752 - 17 holes 3786-3790 - 9 holes
3754-3758 - 9 holes (.34" diameter)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3716-3790	500 gal. 7 1/2% DI weighted HCL acid w/140 1.1 s.g. RCN ball sealers; 64,750 gal. 70 quality foam w/79,500# 20-40 sand

33. PRODUCTION

713,313 SCF nitrogen

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
4/21/88		flowing					producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
4/21/88	3	3/4	→	0	329	0	N/A	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
157	625	→	0	2633	0	N/A		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented

TEST WITNESSED BY

David Ball

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

Kevin H. McCord

TITLE

Petroleum Engineer

DATE

4/25/88

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

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.

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.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	3135	3371	water	Ojo Alamo	3135	same
Kirtland	3371	3400	water	Kirtland	3371	same
Fruitland	3400	3713	water, natural gas	Fruitland	3400	same
Pictured Cliffs	3713	4077	water, natural gas	Pictured Cliffs	3713	same

38. GEOLOGIC MARKERS

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special				Test Date 4/21/88	
Company Robert L. Bayless				Connection none	
Pool Undesignated Pictured Cliffs				Formation Pictured Cliffs	
Completion Date 4/13/88		Total Depth 4077'		Plug back TD 3857'	
Elevation 7101' RKB		Farm or Lease Name Jicarilla 458			
Csq. Size 4 1/2	Wt. 10.5/11.6	d 4.052	Set At 3907	Perforations: From 3716' To 3790'	
Trg. Size 1 1/2	Wt. 2.9	d 1.610	Set At 3743	Perforations: From To	
Type Well - Single - Bradenhead - G.C. or G.O. Multiple gas - single				Packer Set At none	
Producing thru tubing				Baro. Press. - P _g 12.0 (est.)	
Reservoir Temp. °F 8				Mean Annual Temp. °F	
County Rio Arriba				State New Mexico	
L	H	G _g .65	% CO ₂	% N ₂	% H ₂ S
Prover					
Meter Run					
Taps					
FLOW DATA					
TUBING DATA					
CASING DATA					
Duration of Flow					
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w
1	7 days				
2	2 inch	.750			
3					
4					
5					
RATE OF FLOW CALCULATIONS					
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g
1	12.3650			169	1.240
2					
3					
4					
5					
NO.	R _g	Temp. °R	T _g	Z	Gas Liquid Hydrocarbon Ratio
1	.25		1.40	.968	A.P.I. Gravity of Liquid Hydrocarbons
2					Specific Gravity Separator Gas
3					Specific Gravity Flowing Fluid
4					Critical Pressure
5					Critical Temperature
P _c 1081 P _c ² 1,168,561					
NO.	P _i ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.5320$
1		637	405,769	762,792	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.4370$
2					
3					
4					
5					
AOOF = 0 $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3784$					
Absolute Open Flow 3784 Mcfd @ 15.025					
Angle of Slope @					
Slope, n .85					
Remarks:					
Approved By Division					
Conducted By: David Ball					
Calculated By: Kevin McCord					
Checked By:					

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 11, 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. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	3. LEASE DESIGNATION AND SERIAL NO. Jicarilla Contract 458
2. NAME OF OPERATOR Robert L. Bayless	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache Tribe
3. ADDRESS OF OPERATOR P.O. Box 168, Farmington, NM 87499	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 1815' FNL & 230' FEL	8. FARM OR LEASE NAME Jicarilla 458
14. PERMIT NO.	9. WELL NO. 3
15. ELEVATIONS (Show whether OF, BT, GL, etc.) 7089' GL 7107' RKB	10. FIELD AND POOL, OR WILDCAT Wildcat
	11. SEC., T., S., M., OR BLK. AND SURVEY OR AREA Section 7, T30N, R3W
	12. COUNTY OR PARISH Rio Arriba
	13. STATE NM

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 PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐
FRACTURE TREATMENT ☒
SHOOTING OR ACIDIZING ☐
(Other) Perforating; set tubing

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.)

SEE ATTACHED DAILY REPORTS 4/1/88 thru 4/13/88.

RECEIVED
BLM MAIL ROOM
88 APR 14 PM 12:57
FARMINGTON RESOURCE AREA
FARMINGTON, NEW MEXICO

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

SIGNED

Kevin H. McCord

TITLE

Petroleum Engineer

DATE

4/13/88

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

APR 20 1988

*See Instructions on Reverse Side

FARMINGTON RESOURCE AREA

ROBERT L. BAYLESS

PETROLEUM PLAZA BUILDING
P. O. BOX 168
FARMINGTON, NEW MEXICO 87499
(505) 326-2659

RECEIVED
BLM MAIL ROOM

88 APR 14 PM 12:57

Jicarilla 458 #3

DAILY REPORT

FARMINGTON RESERVOIR AREA
FARMINGTON, NEW MEXICO

3/15/88 (Continued)

Centralizers at: 3885, 3819, 3777, 3734, 3692, and 3649. Rigged up the Western Company. Cemented longstring casing with 300 sx (618 ft.³) Class B cement with 2% Econolite and 1/4# celeflake/sx tailed by 125 sx (158 ft.³) 50/50 pozmix with 2% gel, 10% salt and 1/4# celeflake/sx. Good circulation throughout job. Circulated cement to the surface. Bumped plug to 2000 psi--held OK. Plug down at 7:00 PM 3/14/88. Rig down. Release rig. Wait on completion.

4/01/88 Move in and rig up Bayless Rig 4. Nipple up wellhead. Nipple up BOP. Pick up 3 7/8" bit and 1 1/2" tubing. Tag cement at 3857 ft. RKB (5' of cement fill). Shut down for night.

4/02/88 to 4/03/88 Shut down--Easter weekend.

4/04/88 Rigged up the Western Company. Pressure tested casing to 3500 psi--held OK. Circulated the hole clean with 2% KCL water. Moved tubing to 3790 ft. RKB. Spotted 250 gallons of 7 1/2% DI HCL acid across perforation interval. Tripped tubing out of hole. Rigged up Basin Perforators. Ran GR-CLL from PBTD of 3741 ft. to 3500 ft. Perforated Pictured Cliffs interval with 3 1/8" casing gun and 2 JSPF as follows:

3716 - 3726	10'	21 holes
3736 - 3738	2'	5 holes
3744 - 3752	8'	17 holes
3754 - 3758	4'	9 holes
3760 - 3766	6'	13 holes
3774 - 3783	9'	19 holes
3786 - 3790	4'	9 holes
	43'	93 holes (.34" diameter)

Broke down the Pictured Cliffs interval @ 1800 psi. Established an injection rate of 7.0 BPM @ 400 psi, ISIP = 250 psi. Acidized the Pictured Cliffs interval with 500 gallons of 7 1/2% DI weighted HCL acid containing 140 l.b. s.g. RCN ball sealers. 7.0 BPM @ 350 psi. Saw some ball action. Balled off casing to 3500 psi. Surged balls off perforations. Final injection rate of 7.0 BPM @ 350 psi, ISIP = 250 psi. Ran junk basket to retrieve ball sealers. Recovered 138 + 11 sealers. Fracture stimulated Pictured Cliffs interval with 64,750 gallons of 70 quality foam containing 79,500 lbs. of 20-40 sand as follows:

15,000 gal. of 70 quality foam pad	30 BPM @ 1950 psi
20,000 gal. of 1 ppg 20-40 sand	30 BPM @ 2000-1900 psi
29,750 gal. of 2 ppg 20-40 sand	30 BPM @ 1900-2200 psi

ROBERT L. BAYLESS

PETROLEUM PLAZA BUILDING
P. O. BOX 168
FARMINGTON, NEW MEXICO 87499
(505) 326-2659

RECEIVED
BLM MAIL ROOM

88 APR 14 PM 12:57

Jicarilla 458 #3

DAILY REPORT

Page 3
FARMINGTON RESOURCE AREA
FARMINGTON, NEW MEXICO

4/04/88 (Continued)

Well screened off to 3500 psi.

ISIP	= 3500 psi	5 min.	= 3200 psi
10 min.	= 3100 psi	15 min.	= 3050 psi

Average rate - 30 BPM. Average pressure - 2000 psi. Maximum pressure - 3500 psi. Minimum pressure - 1900 psi. Nitrogen pump rate - 13,900-14,700 SCF/min. Total nitrogen pumped - 713,313 SCF. Total fluid to recover - 637 bbls. All water contained 2% KCL and 1/2 gal/1000 day stabilization agent. Left well shut in overnight. Shut down for night.

4/05/88 Overnight pressure was 2500 psi. Trip in the hole with a notched collar on 1 1/2" tubing. Tagged sand at 2711 ft. RKB. Circulated 30 ft. sand bridge. Tagged sand at 2877 ft. Cleaned out 721 ft. of sand to 3598 ft. Shut down for night.

4/06/88 Circulated 166 ft. of sand out of hole to 3764 ft. Lost circulation. Trip tubing out of hole. Trip in hole with hydrostatic bailer on tubing. Cleaned out 74 ft. of sand with bailer to 3838 ft. RKB. Total sand cleaned--991 ft. Trip tubing and bailer out of hole. Trip in hole with tubing. Tagged sand fill at 3760 ft. RKB. Trip out of hole with tubing. Shut down for night.

4/07/88 Trip in hole with hydrostatic bailer on tubing. Tagged sand fill at 3742 ft. Cleaned out 115 ft. of sand to 3857 ft. Trip tubing and bailer out of hole. Trip in hole with 1 1/2" tubing. Tagged sand fill at 3791 ft. Moved tubing to 3742 ft. RKB. Rigged to swab. Made 9 swab runs. Well making sand. Well kicked off. Well flowed for 45 minutes and died. Made 4 more swab runs. Well making lots of sand. Annulus pressure was 700 psi. Shut well in. Shut down for night.

4/08/88 Overnight pressures: tubing 150 psi, annulus 900 psi. Tubing blew down immediately. Rigged to swab. Made 3 swab runs and well started flowing. Left well flowing. Shut down for night.

4/09/88 to 4/10/88 Well flowing to clean up after frac.

ROBERT L. BAYLESS

PETROLEUM PLAZA BUILDING
P. O. BOX 168
FARMINGTON, NEW MEXICO 87499
(505) 326-2659

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88 APR 14 PM 12:57

Jicarilla 458 #3

DAILY REPORT

FARMINGTON RESOURCE AREA 4
FARMINGTON, NEW MEXICO

4/11/88 Killed well. Tagged sand fill at 3785 ft. RKB. Tripped tubing out of hole. Picked up hydrostatic bailer. Tripped in hole. Cleaned out 15 ft. of sand with bailer. Bailer quit working. Tripped out of hole. Redressed bailer. Trip in hole. Cleaned out 72 ft. of sand with bailer to PBTD of 3857 ft. RKE. Trip tubing and bailer out of hole. Trip 1 1/2" tubing in hole and land as follows:

<u>Description</u>	<u>Length</u>	<u>Depth</u>
KB to landing point	10.00	0- 10
113 jts. 1 1/2" 2.9#/ft J-55 EUE tubing	3697.79	10-3708
1 seating nipple	.75	3708-3709
1 jt. 1 1/2" 2.9#/ft J-55 EUE tubing	34.16	3709-3743
	3742.70	

Nipple down BOP. Nipple up wellhead. Rigged to swab. Made 5 swab runs. Well did not kick off. Shut down for night.

4/12/88 Kicked well off flowing. Rigged down and released rig. Well cleaning up for AOF.

4/13/88 Shut in well for 7-day buildup for AOF test.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	3. LEASE DESIGNATION AND SERIAL NO. Jicarilla Contract 458
2. NAME OF OPERATOR Robert L. Bayless	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache Tribe
3. ADDRESS OF OPERATOR P.O. Box 168, Farmington, NM 87499	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 1815' FNL & 230' FEL	8. FARM OR LEASE NAME Jicarilla 458
14. PERMIT NO.	9. WELL NO. 3
15. ELEVATIONS (Show whether DP, RT, CR, etc.) 7089' GL 7107' RKB	10. FIELD AND POOL, OR WILDCAT Wildcat
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 7, T30N, R3W
	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:

TEST WATER SHUT-OFF <input type="checkbox"/>	PCLL OR ALTER CASING <input type="checkbox"/>
FRACURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <u>Set casing; cement</u> <input checked="" type="checkbox"/>	

(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 REPORTS 3/9/88 thru 3/15/88.

RECEIVED
BLM MAIL ROOM
60 MAR 15 AM 11:22
FARMINGTON RESOURCE AREA
FARMINGTON, NEW MEXICO

OIL CON. DIV.
3/15/88

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

SIGNED Kevin H. McCord
Kevin H. McCord

TITLE Petroleum Engineer

DATE 3/15/88

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

ROBERT L. BAYLESS

PETROLEUM PLAZA BUILDING
P. O. BOX 168
FARMINGTON, NEW MEXICO 87499
(505) 326-2659

JICARILLA 458 #3
Section 7, T30N, R3W
1815' FNL & 230' FEL
Rio Arriba County, New Mexico

DAILY REPORT

- 3/08/88 Spud well at 4:00 PM on 3/7/88. Drilled 148 ft. of 9 7/8" surface hole. Ran 3 jts. (130.14 ft.) of 7 5/8" 26.4#/ft S-95 LTC used casing and landed at 143 ft. RKB. Rigged up Cementers, Inc. Cemented surface casing with 75 sacks (89 ft.³) of Class B cement with 3% CaCl₂. Good circulation throughout job. Circulated cement to the surface. Wait on cement.
- 3/09/88 Drilling ahead at 1348'.
- 3/10/88 Drilling ahead at 2150'.
- 3/11/88 Drilling ahead at 3045'.
- 3/12/88 Drilling ahead at 3519'.
- 3/13/88 TD well at 4077 ft. at 4:00 AM 3/13/88. Circulate for 1 hour. Short trip. Trip out of hole for logs.
- 3/14/88 Finish trip out of hole for logs. Rigged up Welex. Ran IEL, FDC, CNL logs from TD to 1664 ft. Logs stuck in hole in tight spot. Work to free logging tools. Pull free at rope socket. Top of tool at 1589 ft. RKB. Wait on overshot. Trip in hole with 3 21/32" overshot. Work logging tool to bottom of hole. Circulate fill from top of fish. Trip out of hole. Did not recover fish. Trip in hole with 3 1/2" overshot. Work on fish. Trip out of hole.
- 3/15/88 Finish trip out of hole. Recovered logging tool. Trip in hole. Lay down drill pipe and collars. Ran 4 1/2" casing as follows:

<u>Description</u>	<u>Length</u>	<u>Depth</u>
KB to landing point	12.00	0- 12
81 jts. 4 1/2" 10.5#/ft		
J-55 new casing (Maverick)	3466.71	12-3479
9 jts. 4 1/2" 11.6#/ft		
J-55 new casing (Meridian)	383.07	3479-3862
1 differential fill float collar	1.70	3862-3863
1 jt. 4 1/2" 11.6#/ft J-55 shoe joint	42.68	3863-3906
1 cement filled guide shoe	.85	3906-3907
	3907.01	

ROBERT L. BAYLESS

PETROLEUM PLAZA BUILDING

P. O. BOX 168

FARMINGTON, NEW MEXICO 87499

(505) 326-2659

Jicarilla 458 #3

DAILY REPORT

Page 2

3/15/88 (Continued)

Centralizers at: 3885, 3819, 3777, 3734, 3692, and 3649. Rigged up the Western Company. Cemented longstring casing with 300 sx (618 ft.³) Class B cement with 2% Econolite and 1/4# celeflake/sx tailed by 125 sx (158 ft.³) 50/50 pozmix with 2% gel, 10% salt and 1/4# celeflake/sx. Good circulation throughout job. Circulated cement to the surface. Bumped plug to 2000 psi--held OK. Plug down at 7:00 PM 3/14/88. Rig down. Release rig. Wait on completion.

OK
3/15/88
7/10

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

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. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	3. LEASE DESIGNATION AND SERIAL NO. Jicarilla Contract 458
2. NAME OF OPERATOR Robert L. Bayless	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache Tribe
3. ADDRESS OF OPERATOR P.O. Box 168, Farmington, NM 87499	7. UNIT/ASSESSMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1815' FNL & 230' FEL	8. FARM OR LEASE NAME Jicarilla 458
14. PERMIT NO.	9. WELL NO. 3
15. ELEVATIONS (Show whether OF, RT, CR, etc.) 7089' GL 7107' RKB	10. FIELD AND POOL, OR WILDCAT Wildcat
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 7, T30N, R3W
	12. COUNTY OR PARISH Rio Arriba
	13. STATE NM

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

PULL OR ALTER CASING

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

FRACURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

REPAIRING WELL

<input type="checkbox"/>
<input type="checkbox"/>
<input checked="" type="checkbox"/>

FRACURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) Spud notice

(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 REPORT.

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

SIGNED

Kevin H. McCord
Kevin H. McCord

TITLE

Petroleum Engineer

DATE

3/8/88

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

ROBERT L. BAYLESS

PETROLEUM PLAZA BUILDING
P. O. BOX 168
FARMINGTON, NEW MEXICO 87499
(505) 326-2659

JICARILLA 458 #3
Section 7, T30N, R3W
1815' FNL & 230' FEL
Rio Arriba County, New Mexico

DAILY REPORT

3/08/88 Spud well at 4:00 PM on 3/7/88. Drilled 148 ft. of 9 7/8" surface hole. Ran 3 jts. (130.14 ft.) of 7 5/8" 26.4#/ft S-95 LTC used casing and landed at 143 ft. RKB. Rigged up Cementers, Inc. Cemented surface casing with 75 sacks (89 ft.³) of Class B cement with 3% CaCl₂. Good circulation throughout job. Circulated cement to the surface. Wait on cement.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐

GAS
WELL ☒

2. NAME OF OPERATOR

Robert L. Bayless

3. ADDRESS OF OPERATOR

P.O. Box 168, Farmington, NM 87401

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

At surface

1815'FNL & 230'FEL

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE
Approx. 2560

irregular sections

19. PROPOSED DEPTH

4080'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

146.73 168

20. ROTARY OR CABLE TOOLS

0-T-D.

21. ELEVATIONS (Show whether DF, RT, GR, etc.) DRILLING OPERATIONS AUTHORIZED ARE

7089 GL 7101 RKB SUBJECT TO COMPLIANCE WITH ATTACHED

23. "GENERAL REQUIREMENTS" PROPOSED DRILLING AND CEMENTING PROGRAM

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	
9-7/8"	7-5/8"	26.4#	125'	60 sx Class "B" - 71 ft ³
6-3/4"	4-1/2"	11.6#	4080'	200 sx 50/50 pozmix - 252 ft ³

Will drill hole to 125' and set 125 feet, 7-5/8", 26.4#/ft, J55 casing, cementing with 71 ft³, Class "B" cement, circulated to surface. Will drill 6-3/4" hole to 4080' and run 4080' of 4-1/2", 11.6#/ft, J55 casing and cement with 252 ft³ 50/50 pozmix with 2% gel and 10% salt. Circulating medium will be clear water, natural mud and water loss control additives. No abnormal pressures or temperatures are anticipated. Will run Induction and Density Logs. Blowout preventer schematic is attached. The gas from this formation is not dedicated to a gas contract.

ESTIMATED TOPS: Ojo Alamo - 3137'
Kirtland - 3364'
Fruitland - 3493'
Pictured Cliffs - 3696'
T.D. - 4080'

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Kevin H. McCord TITLE Petroleum Engineer DATE July 29, 1987
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

NOTE

*See Instructions On Reverse Side

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.

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-4-65

All distances must be from the outer boundaries of the Section.

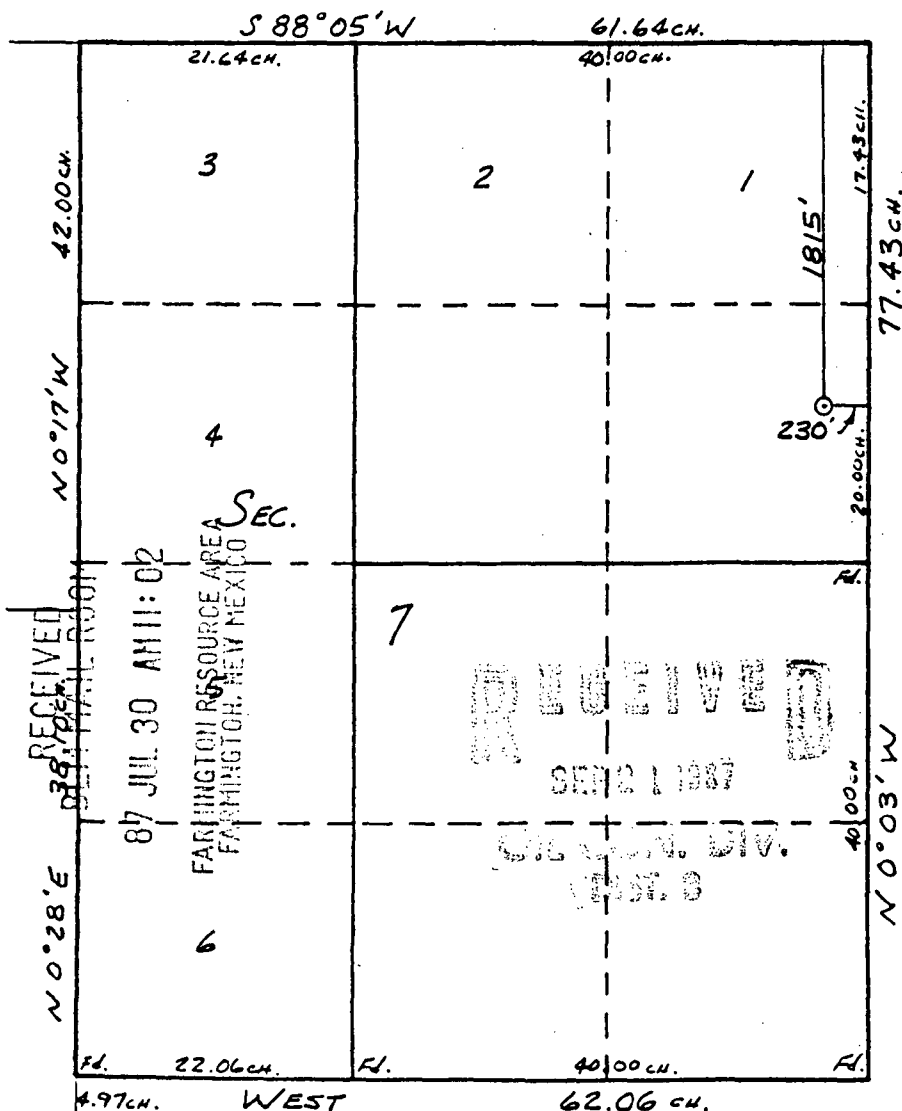
Operator ROBERT L. BAYLESS			Lease JICARILLA 458		Well No. 3
Unit Letter H	Section 7	Township 30 N	Range 3 W	County Rio Arriba	
Actual Footage Location of Well: 1815 feet from the North line and 230 feet from the East line					
Ground Level Elev. 7039	Producing Formation Pictured Cliffs		Pool Wildcat	Dedicated Acreage 146.173 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Kevin H. McCord

Name
Kevin H. McCord
Position
Petroleum Engineer
Company
Robert L. Bayless, Producer
Date
July 29, 1987

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 knowledge and belief.

Date Surveyed
Willam H. Mahoney
Registered Professional Engineer and Land Surveyor
Certificate No. 6466