



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

March 4, 1998

Mallon Oil Company
P. O. Box 3256
Carlsbad, New Mexico 88220

Attention: Terry Lindeman
Exploration/Production Superintendent

Re: Application for administrative approval to drill the Jicarilla 459-20 Well No. 8 to the Pictured Cliffs formation at an unorthodox gas well location 2205 feet from the South line and 1530 feet from the West line (Unit K) of Section 20, Township 30 North, Range 3 West, NMPM, Rio Arriba County, New Mexico.

Dear Mr. Lindeman:

I am returning the subject application as incomplete, please refer to Division Rule 104.F(3), see copy attached, and submit the appropriate information to justify the drilling of this well at an unorthodox gas well location within the subject 160-acre tract (SW/4 of said Section 20). Please explain in detail and show on attached plats why all other possible standard locations are not available to Mallon Oil Company for a drilling location.

Should you have any questions concerning this matter, you will first want to direct them to your legal counsel, Mr. James Bruce in Santa Fe at (505) 982-2043.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael E. Stogner".

Michael E. Stogner
Chief Hearing Officer/Engineer

cc: New Mexico Oil Conservation Division - Aztec
Kathy Valdes, NMOCD - Santa Fe
James Bruce, Legal Counsel for Mallon Oil Company - Santa Fe

(i) Affected parties in this instance shall be defined as those parties who own interests in the applicable half quarter section (80-acre spacing), quarter section (160-acre spacing), half section (320-acre spacing), or section (640-acre spacing) in which the non-standard spacing unit is situated and which acreage is not included in said non-standard spacing unit;

(ii) the designated operator of any adjoining or diagonal spacing unit producing from the same pool(s) as the proposed non-standard spacing unit;

(iii) in the absence of an operator, all lessees of record of any diagonal or adjoining lease owning interests in the same pool(s) as the proposed non-standard spacing unit; and

(iv) in the absence of an operator or lessee, then to all owners of record of unleased mineral interests. [5-25-64...2-1-96]

(d) The applicant shall submit a statement attesting that applicant, on or before the same date the application to was submitted to the Division, has sent notification to the affected parties by submitting a copy of the application, including a copy of the plat described in Subpart (c) above by certified or registered mail-return receipt in accordance with Rule 1207(6)(a) advising them that if they have an objection it must be filed in writing within twenty days from the date notice was sent. The Division Director may approve the non-standard spacing unit upon receipt of waivers from all said parties or if no said party has entered an objection to the non-standard spacing unit within 20 days after the Director has received the application. [5-25-64...2-1-96]

(e) The Division Director may set any application for administrative approval for a non-standard spacing unit for public hearing. [5-25-64...2-1-96]

(3) Number of Wells Per Spacing Unit in Non-Prorated Gas Pools:
Unless otherwise permitted by special pool rules or authorized after notice and hearing, only one (1) well per spacing unit is permitted in non-prorated pools. [5-25-64...2-1-96]

104.E. Form C-102, "Well Location and Acreage Dedication Plat", for any well shall designate the exact legal subdivision allotted to the well and Form C-101, "Application for Permit to Drill, Deepen, or Plug Back", will not be approved by the Division without such proper designation of acreage. [12-29-52...2-1-96]

104.F. UNORTHODOX LOCATIONS

(1) Well locations for producing wells and/or injection wells which are unorthodox based on the well location requirements of Rule 104.C(1)(a) above and which are necessary to permit the completion of an efficient production and injection pattern within a secondary recovery, tertiary recovery, or pressure maintenance project are hereby authorized, provided that any such unorthodox location within such project is no closer than the required minimum orthodoxy distance to the outer boundary of the lease or the unitized area, nor closer than 10 feet to any quarter-quarter section line or subdivision inner boundary. Such locations shall only require such prior approval as is necessary for an orthodoxy location. [1-1-50...2-1-96]

(2) The Division Director shall have authority to grant an exception to the well location requirements of Sections 104.B and 104.C above or to the well location requirements of special pool rules without notice and hearing when the necessity for such unorthodox location is based upon geologic conditions, archaeological conditions, topographical conditions, or the recompletion of a well previously drilled to a deeper horizon provided said well was drilled at an orthodoxy or approved unorthodox location for such original horizon. [1-1-82...2-1-96]

(3) Applications for administrative approval of unorthodox locations pursuant to Rule 104.F(2), above, shall be accompanied by a plat showing the subject spacing unit, its proposed unorthodox well location, the diagonal and adjoining spacing units and/or leases (whichever is applicable) and wells, and a list of affected parties. If the proposed unorthodox location is based upon topography or archaeology, the plat shall also show and describe the existent topographical or archaeological conditions. If the proposed unorthodox location is based upon geology, the application shall include appropriate geologic exhibits and a discussion of the geologic conditions which result in the necessity for the unorthodox location. [2-9-66...2-1-96]

(a) Adjoining and diagonal spacing units shall be defined as those immediately adjacent existing spacing units in the same pool(s) as the proposed unorthodox well and towards which the unorthodox well location encroaches. [2-9-66...2-1-96]

(b) Affected parties shall be defined as those parties who own interests in leases or operate wells on adjoining or diagonal spacing units and include:

(i) the designated operator of any adjoining or diagonal spacing unit producing from the same pool(s) as the proposed well;

(ii) in the absence of an operator, all lessees of record of any diagonal or adjoining lease owning interests in the same pool(s) as the proposed well; and

(iii) in the absence of an operator or lessee, all owners of record of unleased mineral interests in the same pool(s) as the proposed well. [2-9-66...2-1-96]

(4) The applicant shall submit a statement attesting that applicant, on or before the same date the application was submitted to the Division, has sent notification to the affected parties by submitting a copy of the application, including a copy of the plat described in Rule 104.F(3) above by certified or registered mail-return receipt in accordance with Rule 1207(A)(5) advising them that if they have an objection it must be filed in writing within twenty days from the date notice was sent. The Division Director may approve the unorthodox location upon receipt of waivers from all said parties or if no said party has entered an objection to the unorthodox location within 20 days after the Director has received the application. [2-9-66...2-1-96]

(5) The Division Director may set any application for administrative approval of an unorthodox location for public hearing, and may require that a directional survey be run in the unorthodox well to establish the actual location of the producing interval(s). [1-1-82...2-1-96]

104.G. Whenever an exception is granted, the Division may take such action as will offset any advantage which the person securing the exception may obtain over other producers by reason of the unorthodox location. [1-1-50...2-1-96]

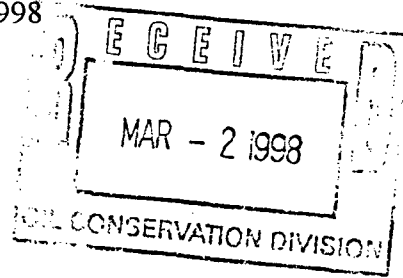
104.H. If the drilling tract is within an allocated oil pool or is

Mallon Oil Company

Denver/Colorado ♦ Carlsbad/New Mexico

NSL 3/23/78
a Mallon Resources subsidiary

February 27, 1998



Mr. Mike Stagner
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

Dear Mr. Stagner:

Enclosed, you will find, the East Blanco Field map for Mallon Oil Company, eleven (11) C-102 survey plats with attached topographic maps for the respective wells.

Mallon Oil Company is requesting an exemption to rule 104 due to topographic conditions for the following wells:

- | | |
|---------------------------|---------------------------|
| 1. Jicarilla 457-4 No. 2 | 5. Jicarilla 459-20 No. 8 |
| 2. Jicarilla 457-10 No. 8 | 6. Jicarilla 459-20 No. 7 |
| 3. Jicarilla 458-8 No. 7 | 7. Jicarilla 460-16 No. 1 |
| 4. Jicarilla 459-17 No. 9 | 8. Jicarilla 464-29 No. 9 |

30-039-25787

Note: Jicarilla 460-16 No. 1 has two plats attached showing the well was moved 100 feet west to avoid an archaeological site.

In addition to topographical conditions, due to irregular sections in Sec. 19-30N-3W and Sec. 30-30N-3W we are requesting non standard pro-ration units, for the following wells:

1. Jicarilla 459-19 No. 9
2. Jicarilla 464-30 No. 9
3. Jicarilla 464-30 No. 10

The only offset operator to the west is Robert L. Bayless and we have notified them of our request.

If any additional information is needed please contact me at (505) 885-4596

Mallon Oil Company
Sincerely,

A handwritten signature in dark ink, appearing to read "Terry Lindeman".

Terry Lindeman
Exploration/Production Superintendent

DD, Artesia, N.M. 88211-0719

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

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number		*Pool Code	*Pool Name Pictured Cliff 4500' T.D.	
*Property Code	*Property Name JICARILLA 459-20			*Well Number 8
*GRID No.	*Operator Name MALLON OIL CO.			*Elevation 7240'

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
	20	30-N	3-W		2205	SOUTH	1530	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

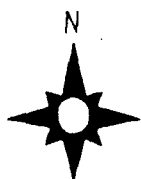
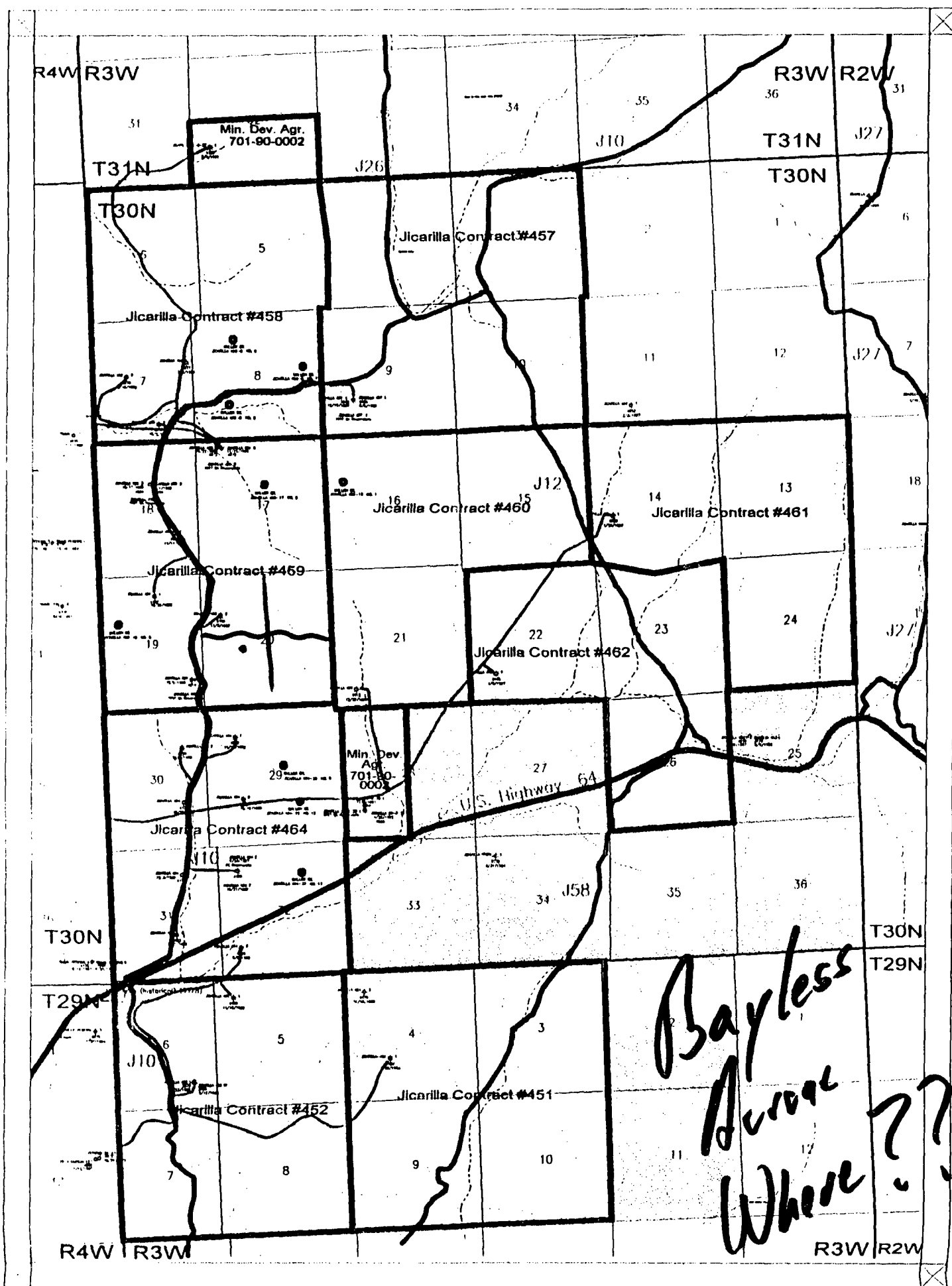
¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

U.S.G.L.O. B.C. 1917 ¹⁶ EAST 2628.1' (RECORD)				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	
S 0°08'30" W 2639.0' (MEASURED)					
U.S.G.L.O. B.C. 1917				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. 12-1-98 Date of Survey  Signature and Seal of Surveyor  Certificate Number	
1530'					
N 0°11'43" E 2642.9' (MEASURED)					
2205'					
U.S.G.L.O. B.C. 1917		N 89-57 E 5273.4' (RECORD)			

Exhibit A





Scale 1:63360.

0 2 0 0 2 0 4 0 6 0 8 1. miles


MALLON OIL COMPANY		
East Blanco Field - San Juan Basin		
Townships 29-30 North		
Rio Arriba County, New Mexico		
		10/2/1997

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on
reverse side)

FORM APPROVED
OMB NO. 1004-0136
Expires February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN				5. LEASE DESIGNATION AND SERIAL NO	
1a. TYPE OF WORK Drill ☒ Deepen ☐				Jicarilla 459	
b. TYPE OF WELL Oil Well ☐ Gas Well ☒ Other ☐ Single Zone ☐ Multiple Zone ☐				6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
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 459-20 No. 8	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 2205' FSL and 1530' FWL (NE SW) Unit K				9. API WELL NO. 20-039-25787	
At proposed prod. zone 2205' FSL and 1530' FWL (NE SW) Unit K				10. FIELD AND POOL, OR WILDCAT E. Blanco, Pictured Cliffs	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE * 50 miles east of Bloomfield, New Mexico				11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 20, T30N-R3W	
15. DISTANCE FROM PROPOSED * LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 6810'		16. NO. OF ACRES IN LEASE 2267		17. NO. OF ACRES ASSIGNED TO THIS WELL 160	
18. DISTANCE FROM PROPOSED LOCATION * TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2640'		19. PROPOSED DEPTH 4500'		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, Etc.) 2290-424		22. APPROX. DATE WORK WILL START February 28, 1998			
23. PROPOSED CASING AND CEMENTING PROGRAM					
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT	
12-1/4"	8-5/8"	24#	500'	Circ. to surface	
7-8/8"	5-1/2"	15.5#	4500'	570 SKS Surface	

Mallon Oil Company proposes to drill to a depth sufficient to test the Pictured Cliffs formation. If productive, 5-1/2" casing will be cemented at TD. If non-productive, the well will be plugged and abandoned in a manner consistent with Federal regulations. Specific programs as per on-shore Oil and Gas Order No. 1 are outlined in the following attachments:

Drilling Program

Exhibit 1: Blow Out Preventor Equipment/Plan
Exhibit A: Location and Elevation Plat
Exhibit B: Roads and Pipelines
Exhibit C: One Mile Radius Map

Exhibit D: Drilling Site Layout
Exhibit E: Production Facilities
Exhibit F: H2S Contingency Plan
Exhibit G: Environmental Assessment
Exhibit H: Archaeological Clearance

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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.

SIGNED: Terry Lindeman TITLE: Production Superintendent DATE: 01/12/98

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Joe Incardine TITLE Assistant Regional Director DATE FEB 13 1998

*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.

HOLDS 2-104 FOR NSC @

DISTRICT II
P.O. Drawer DD, Artesia, N.M. 88211-0719DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410DISTRICT IV
PO Box 2088, Santa Fe, NM 87504-2088

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, NM 87504-2088Instructions 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 30-039-25787	*Pool Code 72400	*Pool Name Pictured Cliff	4500' T.D.
*Property Code 22862	*Property Name JICARILLA 459-20		*Well Number 8
*GRID No. 13425	*Operator Name MALLON OIL CO.		*Elevation 7240'

10 Surface Location

UL or lot no. K	Section 20	Township 30-N	Range 3-W	Lot Idn	Feet from the 2205	North/South line SOUTH	Feet from the 1530	East/West line WEST	County RIO ARRIBA
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11 Bottom Hole Location If Different From Surface

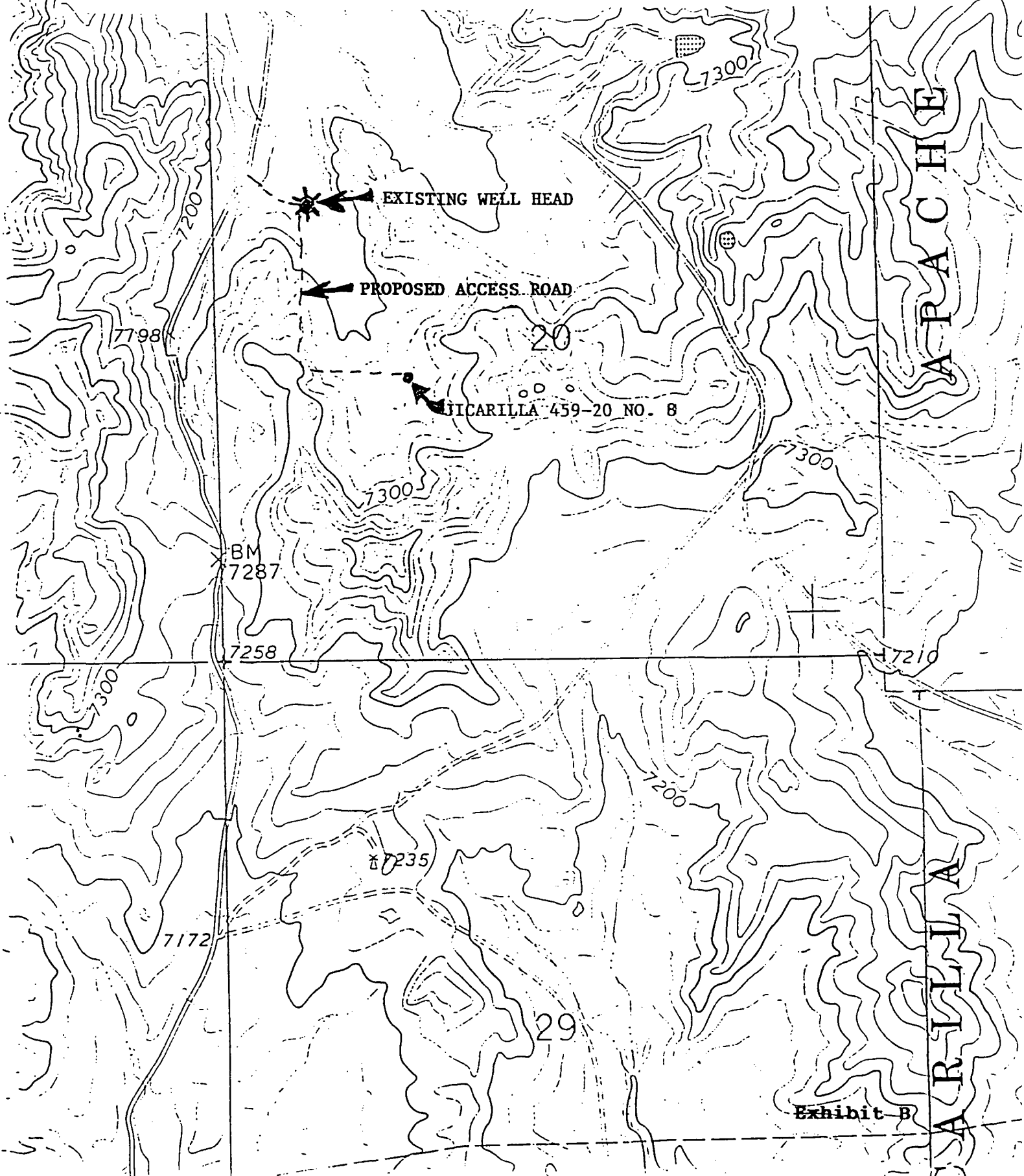
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
160									

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

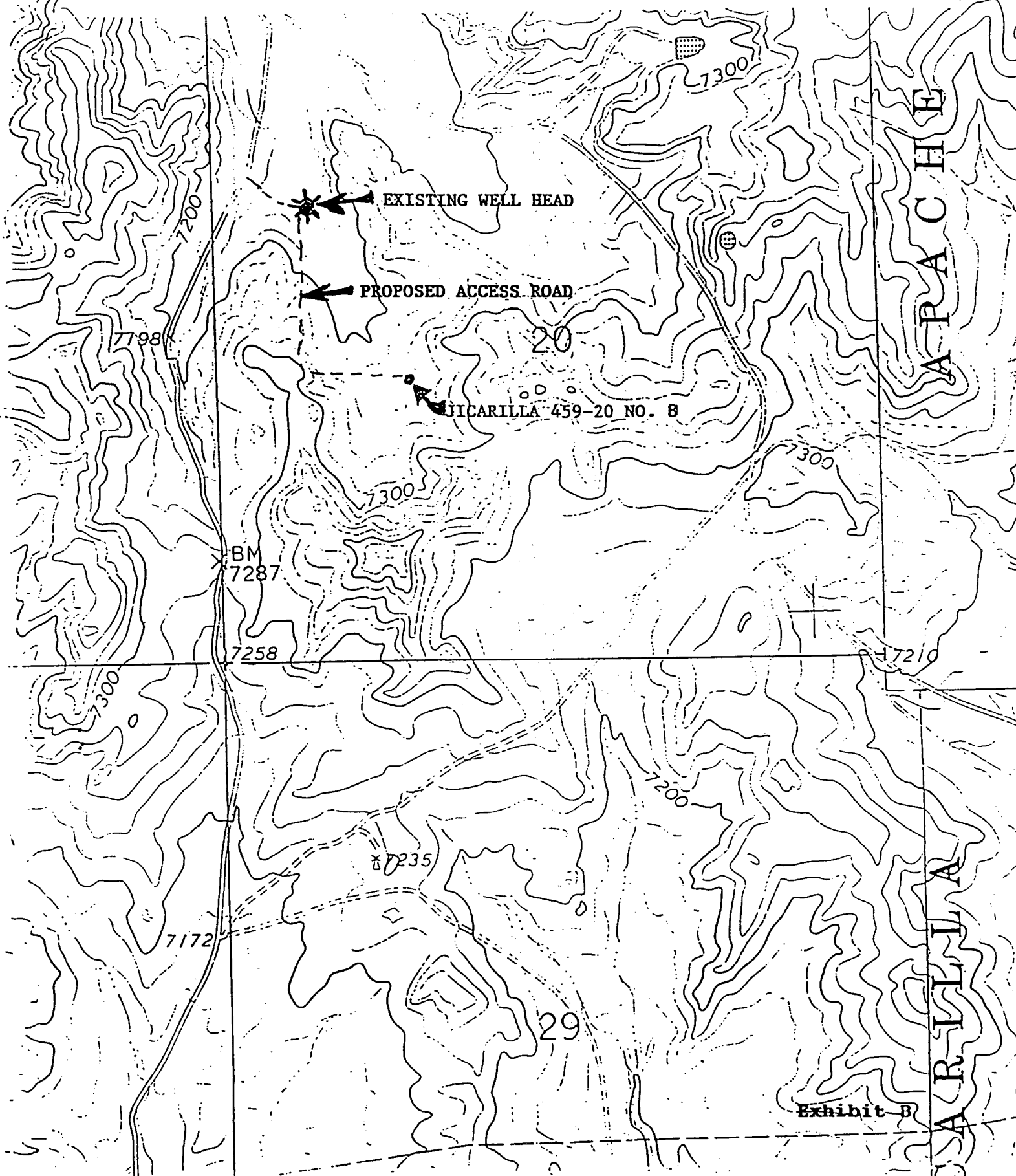
U.S.G.L.O. B.C. 1917 16 EAST 2628.1' (RECORD)			17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature Terry Lindeman Printed Name Terry Lindeman Production Superintendent Title 1-12-98 Date
U.S.G.L.O. B.C. 1917 S 0°08'30" W 2639.0' (MEASURED)			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. 12-1 Date of Survey Signature and Seal of Registered Professional Land Surveyor 8894 Certificate Number
U.S.G.L.O. B.C. 1917 N 0°11'43" E 2642.9' (MEASURED)	1530'	2205'	
U.S.G.L.O. B.C. 1917 N 89-57 E 5273.4' (RECORD)			

Exhibit A

MALLON OIL COMPANY
PROPOSED WELL LOCATION & ACCESS ROAD
JICARILLA 459-20 NO. 8
SW/4 SEC. 20, T-30-N, R-3-W, N.M.P.M.,
RIO ARRIBA COUNTY, NEW MEXICO
2205 FSL, 1530 FWL



MALLON OIL COMPANY
PROPOSED WELL LOCATION & ACCESS ROAD
JICARILLA 459-20 NO. 8
SW/4 SEC. 20, T-30-N, R-3-W, N.M.P.M.,
RIO ARRIBA COUNTY, NEW MEXICO
2205 FSL, 1530 FWL



County RIO ARriba

Pool EAST BLANCO-PICTURED CLIFFS

TOWNSHIP 30 N South, RANGE 3 W East, NEW MEXICO PRINCIPAL MERIDIAN

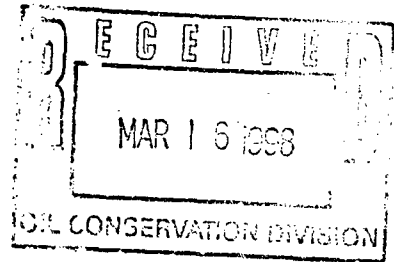
	6	5	4	3	2	1
7	8	9	10	11	12	
13	17	16	15	14	13	
19	20	21	22	23	24	
26	29	28	27	26	25	
31	32	33	34	35	36	

EXT: ALL SECS 7-32 (R-8713, 8/12/88) EXT: W/2 Sec. 5 (R-10178, 8-30-94)

Mallon Oil Company

Denver/Colorado ♦ Carlsbad/New Mexico

a Mallon Resources subsidiary



March 12, 1998

Oil Conservation Division
Michael E. Stogner
2040 South Pacheco Street
Santa Fe, NM 87505

Dear Mr. Stogner:

Mallon Oil Company is requesting that a change of well name be noted regarding NSL2831. The Jicarilla 459-20 No. 8 (Unit K) sec 20-T30N-R3W (2205' FSL/1530' FWL), was previously permitted as the Jicarilla 459 well No. 6. We apologize for any confusion this may have created.

Sincerely,

Terry Lindeman
Operations Superintendent
Mallon Oil Company

♦ P.O. Box 3256 ♦ Carlsbad, New Mexico 88220 ♦ Phone: 505/885-4596 ♦ Fax: 505/885-0022 ♦

♦ P.O. Box 3256 ♦ Carlsbad, New Mexico 88220 ♦ Phone: 505/885-4596 ♦ Fax: 505/885-0022 ♦

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT 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 WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		5 LEASE DESIGNATION AND SERIAL NO. Jic 459	
b TYPE OF COMPLETION NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF RESVR ☐ Recompletion ☐		6 IF INDIAN ALLOTTEE OR TRIBE NAME Jicarilla Apache	
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 459-20 No. 8	
4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 2205' FSL, 1530' FWL (NE SW) Unit K At top prod. interval reported below 2205' FSL, 1530' FWL (NE SW) Unit K At total depth 2205' FSL, 1530' FWL (NE SW) Unit K		9 API WELL NO. 30-039-25787	
14. PERMIT NO. N/A		DATE ISSUED N/A	
15 DATE SPUDDED 3/8/98		12 COUNTY OR PARISH Rio Arriba	
16 DATE TD REACHED 3/16/98		13 STATE NM	
17 DATE COMP (Ready to Prod.) 3/20/98		18 ELEVATION (OF, RKB, RT, GR, ET) 7240 GL	
19 ELEV. CASINGHEAD 7241			
20 TOTAL DEPTH, MD & TVD 4090		21 PLUGBACK TD, MD & TVD 4033'	
22 IF MULTIPLE COMPS HOW MANY* N/A		23 INTERVALS DRILLED BY →	
24 PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD*) 3277'-3326' Ojo Alamo		25 WAS DIRECTIONAL SURVEY MADE Yes	
26 TYPE ELECTRIC AND OTHER LOGS RUN GR, SDL, DSN, DIL, SGRD		27 WAS WELL CORED N/A	

28 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
8-5/8"	24 lbs	529'	12-1/4"	cmt 300 sxs class "B" circ	
				89 sxs to surface	
5-1/2"	15.5 lbs	4080'	7-7/8"	cmt 332 sxs, circ 110 sxs to surface	
29 LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT *	SCREEN (MD)	
N/A					
30 TUBING RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT *	SCREEN (MD)	
N/A					
31 PERFORATION RECORD (Interval, size, and number) 3277'-3326' 4 jsfp 156 holes			32 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.		
			DEPTH INTERVAL (MD) 3277'-3326'		
			AMOUNT AND KIND OF MATERIAL USED 3400 gals of 7-1/2 % acid frac 48,120 lbs sand		

33 PRODUCTION							
DATE FIRST PRODUCTION 5/1/98		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing				WELL STAT (Producing or Shut In) SI	
DATE OF TEST 3/24/98	HOURS TESTED 24	CHOKE SIZE 3/8"	PROD'N FOR TEST PERIOD →	OIL - BBL 0	GAS - MCF 752	WATER - BBL 50	GAS-OIL RATIO N/A
FLOW TBG PRESS 225	CASING PRESSURE 0	CALCULATED 24-HOUR RATE →	OIL - BBL 0	GAS - MCF 752	WATER - BBL 50	OIL GRAVITY - API (CORR.) N/A	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold						TEST WITNESSED BY Kisor	
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 Analyst

DATE

4-28-98

*(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

DISTRICT II -
P.O. Drawer DD, Artesia, N.M. 88211-0719DISTRICT III
1000 Rio Brazos Rd., Artec, N.M. 87410DISTRICT IV
PO Box 2088, Santa Fe, NM 87504-2088

OIL CONSERVATION DIVISION

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Santa Fe, NM 87504-2088Instructions 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 30-039-25787		*Pool Code	*Pool Name Cabresto Canyon; Ojo Alamo Ext.
*Property Code	*Property Name JICARILLA 459-20		*Well Number 8
*OGRID No. 013925	*Operator Name MALLON OIL CO.		*Elevation 7240'

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
	20	30-N	3-W		2205	SOUTH	1530	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

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
160			

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 EAST 2628.1' (RECORD)	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 Production Secretary Title August 25, 1998 Date
¹⁹ U.S.G.L.O. B.C. 1917 S 0°08'30" W 2639.0' (MEASURED) S 0°11'43" E 2642.9' (MEASURED) N 89-57 E 5273.4' (RECORD)	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

~~CONFIDENTIAL~~

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.

SUBMIT IN TRIPLICATE

1. Type of Well ☐ Oil Well ☒ Gas Well ☐ Other:	5. Lease Designation and Serial No. Jic 459
2. Name of Operator Mallon Oil Company	6. If Indian, Allote or Tribe Name Jicarilla Apache
3. Address and Telephone No. P.O. Box 3256, Carlsbad, NM 88220 (505) 885-4596	7. If Unit or CA, Agreement Designation N/A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2205' FSL 1503 FWL (NE SW) Unit K Sec. 20, T30N-R03W	8. Well Name and No. Jicarilla 459-20 No. 8
	9. Well API No. 30-039-25787
	10. Field and Pool, or Exploratory Area Cabresto Canyon; Ojo Alamo Ext.
	11. County or Parish, State Rio Arriba County, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION
☐ Notice of Intent	☐ Abandonment
☒ Subsequent Report	☐ Recompletion
☐ Final Abandonment Notice	☐ Plugging Back
	☐ Casing Repair
	☐ Altering Casing
	☒ Other: Production Csg
	☐ Change of Plans
	☐ New Construction
	☐ Non-Routine Fracturing
	☐ Water Shut-Off
	☐ Conversion to Injection
	☐ Dispose Water

(Note: Report results of multiple completion on Year 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.)*

Mallon Oil Company ran 5-1/2" x 15.5 lb/ft production csg set at 4080'. Cemented with 700 sxs of cmt, circ 110 sxs to surface. Pressure test csg on 3/21/98 to 1000 psi.

RECEIVED
JUL 6 1998
OIL CON. DIV.
DIST. 2

14. I hereby certify that the foregoing is true and correct		
Signed <u>Christy Serrano</u> Christy Serrano	Title <u>Production Secretary</u>	Date <u>6-23-98</u>
(THIS SPACE FOR FEDERAL OR STATE OFFICE USE)		
Approved By <u>Patricia M. Hask</u>	Title <u>Lands and Mineral Resources</u>	Date <u>JUL 6 1998</u>
Conditions of approval, if any:		

Title 18 U. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make 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

~~CONFIDENTIAL~~

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 WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		5. LEASE DESIGNATION AND SERIAL NO. Jic 459	
b TYPE OF COMPLETION NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF RESVR ☐ Recompletion ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
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 459-20 No. 8	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements *) At surface 2205' FSL, 1530' FWL (NE SW) Unit K At top prod. interval reported below 2205' FSL, 1530' FWL (NE SW) Unit K At total depth 2205' FSL, 1530' FWL (NE SW) Unit K		9. API WELL NO. 30-039-25787	
14. PERMIT NO. N/A		10. FIELD AND POOL, OR WILDCAT Cabresto Canyon; Ojo Alamo Ext.	
DATE ISSUED N/A		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 20, T30N-R3W	
12. COUNTY OR PARISH Rio Arriba		13. STATE NM	
15. DATE SPUDDED 3/8/98		16. DATE TD REACHED 3/16/98	
17. DATE COMP (Ready to Prod.) 3/20/98		18. ELEVATION (DF, RKB, RT, GR, ET) 7240 GL	
19. ELEV. CASINGHEAD 7241		20. TOTAL DEPTH, MD & TVD 4090	
21. PLUGBACK TD, MD & TVD 4033'		22. IF MULTIPLE COMP., HOW MANY* N/A	
23. INTERVALS DRILLED BY →		ROTARY TOOLS Yes	
24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD*) 3277'-3326' Ojo Alamo		CABLE TOOLS N/A	
25. WAS DIRECTIONAL SURVEY MADE Yes		26. TYPE ELECTRIC AND OTHER LOGS RUN GR, SDL, DSN, DIL, SGRD	
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 lbs	
Depth Set (MD)		529'	
Hole Size		12-1/4"	
Top of Cement, Cementing Record		Amount Pulled	
cmt 300 sxs class "B" circ			
89 sxs to surface			
5-1/2"		15.5 lbs	
4080'		7-7/8"	
cmt 332 sxs, circ 110 sxs to surface			
29. LINER RECORD		30. TUBING RECORD	
Size		Top (MD)	
N/A			
Bottom (MD)		Sacks Cement	
		Screen (MD)	
		Size	
		Depth Set (MD)	
		Packer Set (MD)	
		1.9	
		3136'	
		3137'	
31. PERFORATION RECORD (Interval, size and number) 3277'-3326' 4 jsf 156 holes		32. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL (MD) 3277'-3326'	
		AMOUNT AND KIND OF MATERIAL USED 3400 gals of 7-1/2 % acid frac 48,120 lbs sand	
33. PRODUCTION		DATE FIRST PRODUCTION 5/1/98	
PRODUCTION METHO (Flowing, gas lift, pumping - size and type of pump) Flowing		WELL STAT (Producing or Shut In) SI	
DATE OF TEST 3/24/98		HOURS TESTED 24	
CHOKE SIZE 3/8"		PROD'N FOR TEST PERIOD →	
OIL - BBL 0		GAS - MCF 752	
WATER - BBL 50		GAS-OIL RATIO N/A	
FLOW TBG PRESS 225		CASING PRESSURE 0	
CALCULATED 24-HOUR RATE →		OIL - BBL 0	
GAS - MCF 752		WATER - BBL 50	
OIL GRAVITY - API (CORR.) N/A			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold		TEST WITNESSED BY Kisor	
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 Soriano		Production Analyst	
		DATE 4-28-98	

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

SUMMARY OF POROUS ZONES. (Show all important zones of porosity and content, direction, depth, and pressure, and
drill-stem, tests, including depth interval tested, cushion used, time lost open, flowing and shut-in pressures, and
remarks.)

SOUNDINGS		TOP	BOTTOM	DEPTH, CONTENTS, ETC.	NAME		MEAS. DEPTH	TRUE VERT. DEPTH
RECEIVED JUL 15 1998 OIL CON. DIV. DIST. 3				Well Name: Jicarilla 459-20 No. 8	Ojo Alamo		3251'	
					Kirtland		3504'	
					Fruitland		3692'	
					Pictured Cliffs		3794'	
					Lewis		3888'	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

BLM FORM 100-100
Revised 10/1/88
Bureau of Land Management

5. Lease Designation and Serial No
Jic 459

6. If Indian, Aboite or Tribe Name
Jicarilla Apache Tribe

7. If Unit or CA, Agreement Designation
N/A

8. Well Name and No
Jicarilla 459-20 No. 8

9. Well API No
30-039-25787

10. Field and Pool, or Exploratory Area
East Blanco, Pictured Cliffs

11. County or Parish, State
Rio Arriba County, 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, NM 88220

(505) 885-4596

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

2205' FSL 1503' FWL (NE SW) Unit K
Sec. 20, T30N-R03W

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 Spud
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

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.)

Mallon Oil Company spud the above reference well on 3/8/98 at 4:00pm. Drilled 12-1/4" hole 8-5/8" x 24 lb/ft surface csg was set at 529' and cemented with 300 sxs Class "B" cement. Circulated 89 sxs of cement to pit.

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

Signed

Christy Serrano

Title

Production Secretary

Date

4/22/98

(THIS SPACE FOR FEDERAL OR STATE OFFICE USE)

Approved By

Paul B. S. [Signature]

Title

Lands and Mineral Resources

Date

MAY 1 1998

Conditions of approval, if any:

P.O. Box 1980, Hobbs, N.M. 58241-1980
DISTRICT I
P.O. Drawer 30, Artesia, N.M. 58211-0719
DISTRICT II
1000 Rio Grande Ed., Artesia, N.M. 57413
DISTRICT IV
P.O. Box 2088, Santa Fe, N.M. 57504-2088

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, NM 57504-2088

Revised February 1984
Instructions to
Submit to Appropriate District
State Lease - 4
Fee Lease - 3

AMENDED 2

WELL LOCATION AND ACREAGE DEDICATION PLAT

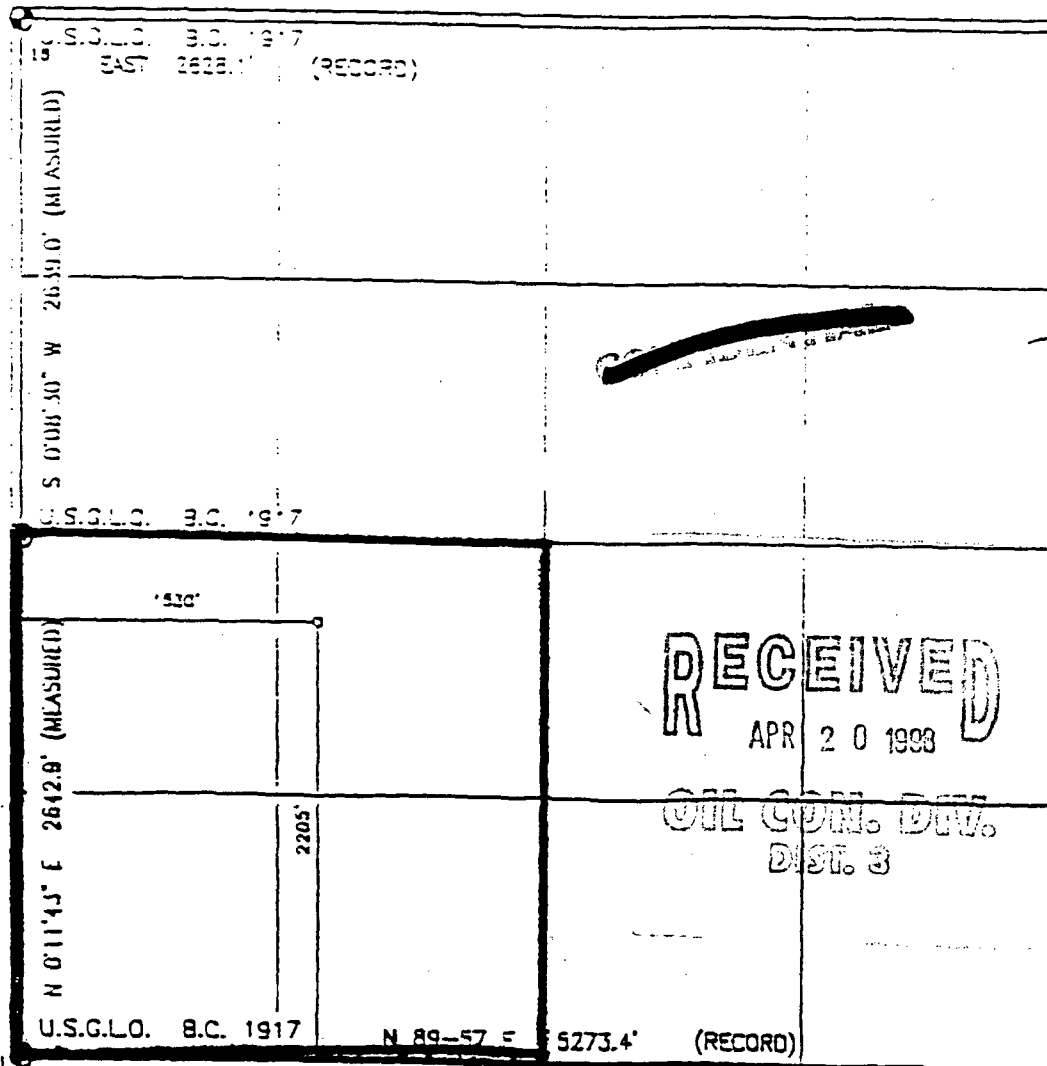
API Number 30-039-25787
Pool Code 96538
Well Name CARRELLA
Property Code
Property Name CARRELLA 459-20
Well Number 3
Record No.
Operator Name WALLON OIL CO.
Elevation 7240'

Surface Location									
Section	Township	Range	Lot	Feet from line	North/South line	Feet from line	East/West line	County	State
20	30-N	3-W		2205	SOUTH	530	WEST	PO	19

Bottom Hole Location (if Different From Surface)									
Section	Township	Range	Lot	Feet from line	North/South line	Feet from line	East/West line	County	State

Dedicated Acres 160
Point of Well
Consolidation Code
Order No.

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



OPERATOR CERTIFICATE
I hereby certify that the information contained in this plat is true and correct to the best of my knowledge.

Terry Lindeman
Signature
Terry Lindeman
Printed Name
Production Superintendent
Title
1-12-98
Date

SURVEYOR CERTIFICATE
I hereby certify that the land location shown on this plat is based on field notes of actual surveys made or under my supervision, and that the same is correct to the best of my belief.

12-1-98
Date of Survey
Signature
R. A. RUSH
NEW MEXICO
8894
REGISTERED PROFESSIONAL LAND SURVEYOR
8894
Certificate Number

Exhibit A

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on
reverse side)

FORM APPROVED
OMB NO. 1004-0136
Expires February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN				5. LEASE DESIGNATION AND SERIAL NO
1a. TYPE OF WORK Drill ☒ Deepen ☐				Jicarilla 459
b. TYPE OF WELL Oil Well ☐ Gas Well ☒ Other ☐ Single Zone ☐ Multiple Zone ☐				6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache
2. NAME OF OPERATOR Mallon Oil Company 13425				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 459-20 No. 8 22862
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 2205' FSL and 1530' FWL (NE SW) Unit K At proposed prod. zone 2205' FSL and 1530' FWL (NE SW) Unit K				9. API WELL NO. 30-039-25787
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE * 50 miles east of Bloomfield, New Mexico				10. FIELD AND POOL OR WILDCAT E. Blanco, Pictured Cliffs 72460
15. DISTANCE FROM PROPOSED * LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 6810'		16. NO. OF ACRES IN LEASE 2267		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 20, T30N-R3W
18. DISTANCE FROM PROPOSED LOCATION * TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2640'		19. PROPOSED DEPTH 4500'		12. COUNTY OR PARISH Rio Arriba
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, Etc.) 7240/424		22. APPROX. DATE WORK WILL START February 28, 1998		13. STATE NM
23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	500'	Circ. to surface
7-8/8"	5-1/2"	15.5#	4500'	570 sks Surface

Mallon Oil Company proposes to drill to a depth sufficient to test the Pictured Cliffs formation. If productive, 5-1/2" casing will be cemented at TD. If non-productive, the well will be plugged and abandoned in a manner consistent with Federal regulations. Specific programs as per on-shore Oil and Gas Order No. 1 are outlined in the following attachments:

Drilling Program

Exhibit 1: Blow Out Preventor Equipment/Plan
Exhibit A: Location and Elevation Plat
Exhibit B: Roads and Pipelines
Exhibit C: One Mile Radius Map

Exhibit D: Drilling Site Layout
Exhibit E: Production Facilities
Exhibit F: H2S Contingency Plan
Exhibit G: Environmental Assessment
Exhibit H: Archaeological Clearance

RECEIVED
IN FEB 23 1998
OIL CON. DIV.
DIST. 8

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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.

SIGNED: Terry Lindeman TITLE: Production Superintendent DATE: 01/12/98

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY: Joe Incardine TITLE: Land and Mineral Resources DATE: FEB 13 1998

*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.

HOLB 2-104 FOR NSC @

TRACT II

O. Drawer DD, Artesia, N.M. 88211-0719

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, NM 87504-2088

☐ AMENDED REPORT

DISTRICT III

1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV

PO Box 2088, Santa Fe, NM 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number <i>30-039-25787</i>	*Pool Code <i>72400</i>	*Pool Name <i>ETERNAL</i> Pictured Cliff	4500' T.D.
*Property Code <i>22862</i>	*Property Name JICARILLA 459-20		*Well Number 8
*OGRD No. <i>13925</i>	*Operator Name MALLON OIL CO.		*Elevation 7240'

¹⁰ Surface Location

UL or lot no. <i>K</i>	Section 20	Township 30-N	Range 3-W	Lot Idn	Feet from the 2205	North/South line SOUTH	Feet from the 1530	East/West line WEST	County 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
¹² Dedicated Acres <i>160</i> ¹³ Joint or Infill ¹⁴ Consolidation Code ¹⁵ Order No.									

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

U.S.G.L.O. B.C. 1917
¹⁶ EAST 2628.1' (RECORD)

S 0°08'30" W 2639.0' (MEASURED)

U.S.G.L.O. B.C. 1917

N 0°11'43" E 2642.9' (MEASURED)

1530'

2205'

U.S.G.L.O. B.C. 1917 N 89-57 E 5273.4' (RECORD)

¹⁷ OPERATOR CERTIFICATION

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

Terry Lindeman
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.

12-1
Date of Survey

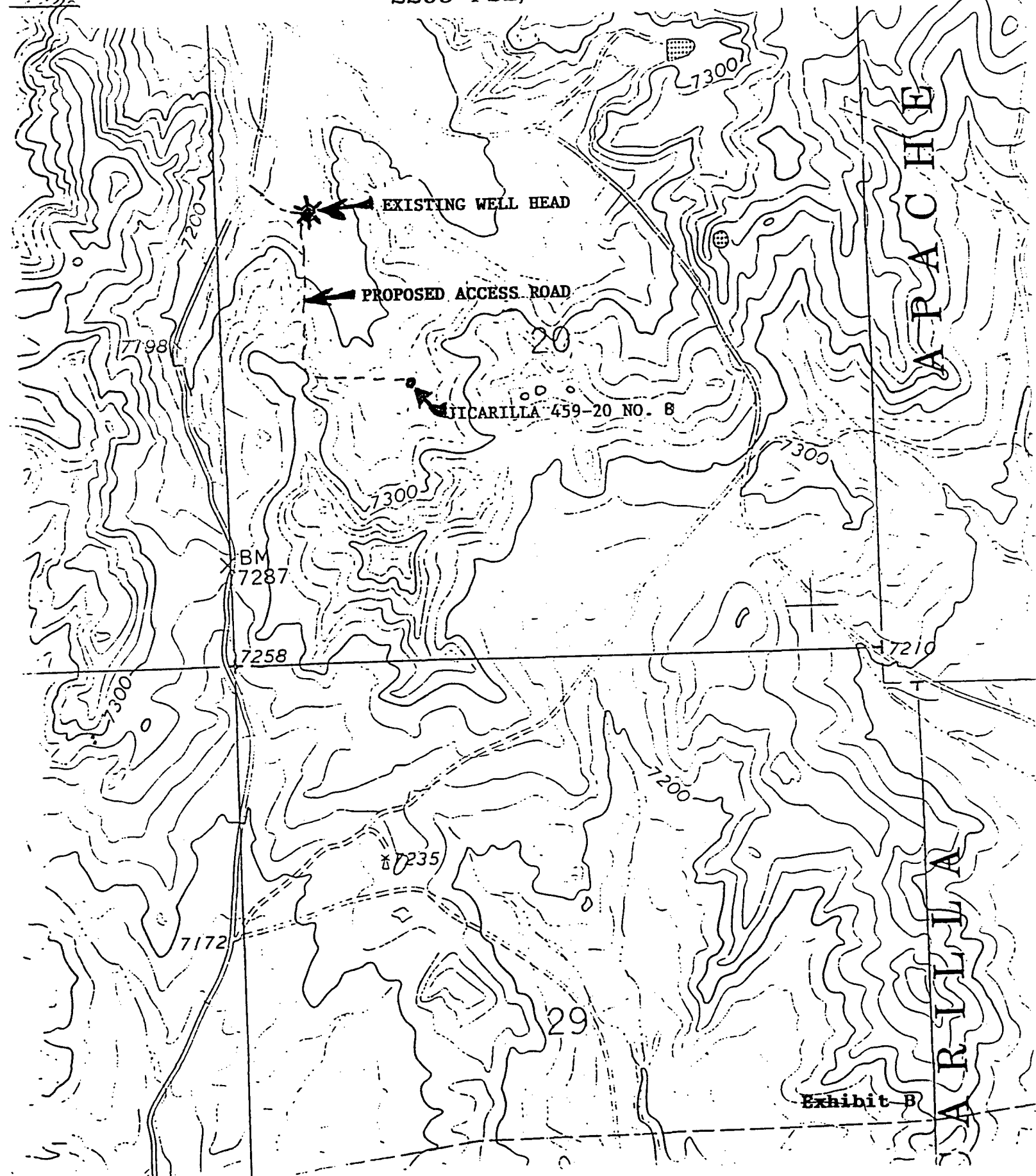
Signature and Seal of Professional Surveyor



Certificate Number

Exhibit A

MALLON OIL COMPANY
PROPOSED WELL LOCATION & ACCESS ROAD
JICARILLA 459-20 NO. 8
SW/4 SEC. 20, T-30-N, R-3-W, N.M.P.M.,
RIO ARriba COUNTY, NEW MEXICO
2205 FSL, 1530 FWL



ROBERT L. BAYLESS

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

9
January 3, 1988

Mr. William J. LeMay
NM Oil Conservation Division
310 Old Santa Fe Trail, Room 206
Santa Fe, New Mexico 87503

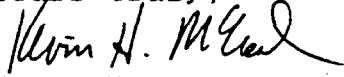
RE: Request for Administrative Approval
of an Unorthodox Location
Jicarilla 459 #6
2205' FSL & 1530' FWL
Section 20, T30N, R3W
Rio Arriba County, New Mexico

Dear Mr. LeMay:

We request administrative approval of an unorthodox location for our Jicarilla 459 #6 Pictured Cliffs formation gas well, located 2205' FSL & 1530' FWL, Section 20, T30N, R3W, Rio Arriba County, New Mexico. This well is 355 feet too close to the quarter section line which divides the N1/2 and the S1/2 of Section 20, T30N, R3W. 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, as well as a well location and acreage dedication plat for this well.

If you need any further information in this regard, please advise.

Yours truly,


Kevin H. McCord
Petroleum Engineer

KHM/lmc

Enclosures: Topographic Map
Lease Map
Well Location Plat

cc: NMOCD, Aztec w/encls.

RESERVA
INDIAN

Rincon
Lake

ROBERT L. BAYLESS
#6 JICARILLA 459
2205'FSL & 1530'FWL
Sec.20, T30N, R3W
Rio Arriba Co., N.M.

NEW ROAD:

EXISTING ROAD:

APACHE

JICARILLA APACHE INDIAN RESERVATION BO

T 30 N R 3 W

JICARILLA 459 LEASE
ROBERT L. BAYLESS
OPERATOR

JICARILLA 460 LEASE
ROBERT L. BAYLESS
OPERATOR

18

17

16

459-7

19

459-11

20

459-6

21

JICARILLA 464 LEASE
ROBERT L. BAYLESS
OPERATOR

UNLEASED

30

29

28

Kd D. A. 6

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form 24-11
Supersedes 6-128
Effective 1-1-77

All distances must be from the outer boundaries of the Section

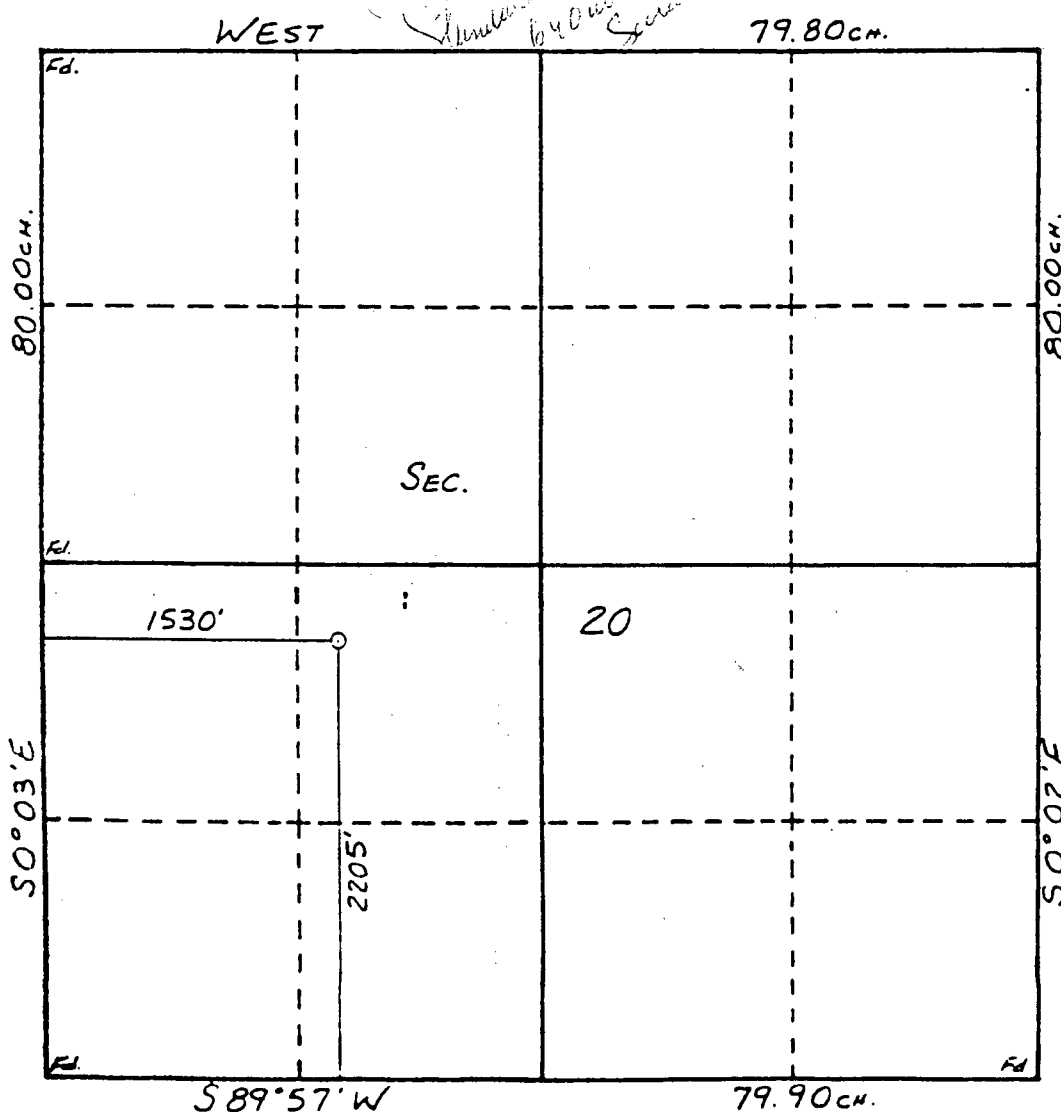
Operator ROBERT L. BAYLESS		Lease JICARILLA 459		Well No. 6
Unit Letter K	Section 20	Township 30 N	Range 3 W	County RIO ARRIBA
Actual Footage Location of Well: 2205 feet from the South line and 1530 feet from the West line				
Ground Level Elev. 7240	Producing Formation Pictured Cliffs	Pool East Blanco Pictured Cliffs	Dedicated Acreage: 160 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.

Price M. Bayless
Name

Price M. Bayless
Position

Engineer
Company

Robert L. Bayless
Date

11/22/88

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
William F. Mahake II

Registered Professional Engineer
and Surveyor
13400

Certificate No. 8466

County RIO ARriba

POOL EAST BLANCO-PICTURED
CLIFFS

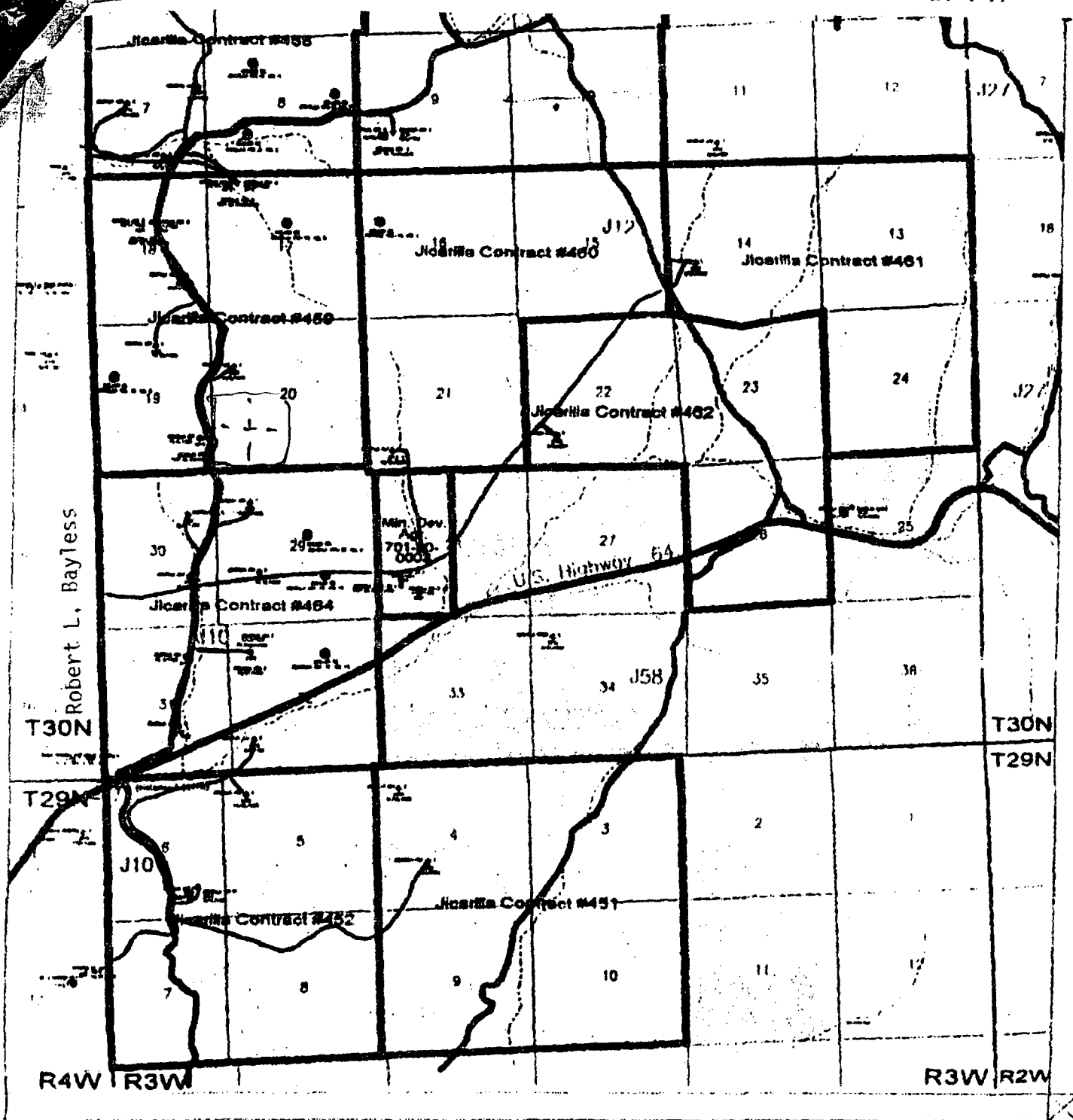
TOWNSHIP 30 N South, RANGE 3 W East, NEW MEXICO PRINCIPAL MERIDIAN

A 6x6 grid with numbers 1-36 and a 3x3 sub-grid.

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

EXT: ALL SECS 7-32 (R-8713, 8/12/88)

1001 21/10/10 M S 1 1/2 1/2 1/2



Robert L. Bayless



Scale 1:63360.

0 2 0 0 2 0 4 0 6 0 8 1 miles



MALLON OIL COMPANY	
East Blanco Field - San Juan Basin	
Townships 29-30 North	
Rio Arriba County, New Mexico	
	10/12/1971

EXHIBIT
B

County Rio Arriba pool Cabresto Canyon-Ojo Alamo

TOWNSHIP 30 North Range 3 West NMPM

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

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