NSL 10/20/97

NOTENATION DIVISIO

a Mallon Resources subsidiary

September 26, 1997

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

Attn:

Mr. Mike Stogner

Re:

Jicarilla 459 No. 8

Sec. 17, T30N-R03W

Rio Arriba County, New Mexico

Dear Mr. Stogner:

Mallon Oil Company became the designated operator of the above referenced well effective January 1, 1997. There is a Non Standard Location approval (no. 2576) for the Pictured Cliffs formation

In August 1997, Mallon Oil Company temporarily abandoned the Pictured Cliffs formation and recompleted the well in the Ojo Alamo formation which is also a non standard location.

Mallon Oil Company would like to apply for Non Standard Location approval for the Ojo Alamo at the existing wellbore location. Mallon Oil Company is the sole operator within a half mile radius of this location.

Please find enclosed a copy of Mallon Oil Company's C-102 which was sent August 27, 1997 and an approved 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

Mean

District I PO Box 1980, Hubbs, NM 88241-1980 PO Drawer DD, Artmia, NM 88211-0719 District III 1000 Rio Brazos Rd., Aztec, NM 87410

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

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_Form: 3150-4 (July 1992)

UNITEI `ATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

Expires February 28, 1995

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36 I hereby certify tha	at the foregoing and attac	hed information is co	omplete and correct as d	letermined fro	m all ava	ilable records			
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STATE OF NEW MEXICO



ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

GARREY CARRUTHERS
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

September 14, 1988

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

Attention: Price M. Bayless

Administrative Order NSL-2576

Dear Mr. Bayless:

Reference is made to your application of July 20, 1988 for a non-standard well location for your Jicarilla 459 Well No. 8 to be located 287 feet from the North line and 1072 feet from the West line (Unit D) of Section 17, Township 30 North, Range 3 West, NMPM, East Blanco Pictured Cliffs Pool, Rio Arriba County, New Mexico. The NW/4 of said Section 17 shall be dedicated to the well.

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

Sincerely,

William J. LeMay

Director

WJL/DRC/ag

cc: Oil Conservation Division - Aztec

New Mexico Oil & Gas Engineering Committee - Hobbs

US Bureau of Land Management - Farmington

Mallon Oil Company

Denver/Colorado ♦ Carlsbad/New Mexico



October 1, 1997

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

Attn: Mr. Mike Stogner

Re: Additional information to process an exception to Rule 104.

Dear Mr. Stogner:

Enclosed please fine the additional information required to process an exception to Rule 104 under the guidelines of Section (F), Paragraph (1). We are requesting the exception for the following wells:

Jicarilla 459 No. 5 Sec. 19, T30N-R3W

Rio Arriba County, New Mexico

NSL: 2518

Present exception for Picture Cliff Formation. Requested exception for Ojo Alamo Formation.

Jicarilla 459 No. 8 Sec. 20, T30N-R3W

Rio Arriba County, New Mexico

NSL: 2576

Present exception for Picture Cliff Formation. Requested exception for Ojo Alamo Formation. Mr. Mike Stogner State of New Mexico Oil Conservation Division Page 2.

Jicarilla 459 No. 3 Sec. 18, T30N-R3W

Rio Arriba County, New Mexico

NSL: 2575

Present exception for Picture Cliff Formation. Requested exception for Ojo Alamo Formation.

Attached is a map showing the Leases held by Mallon Oil Company and how they offset the wells in question. I appreciate the assistance you have given us on this matter should you require additional information please contact me at (505) 885-4596.

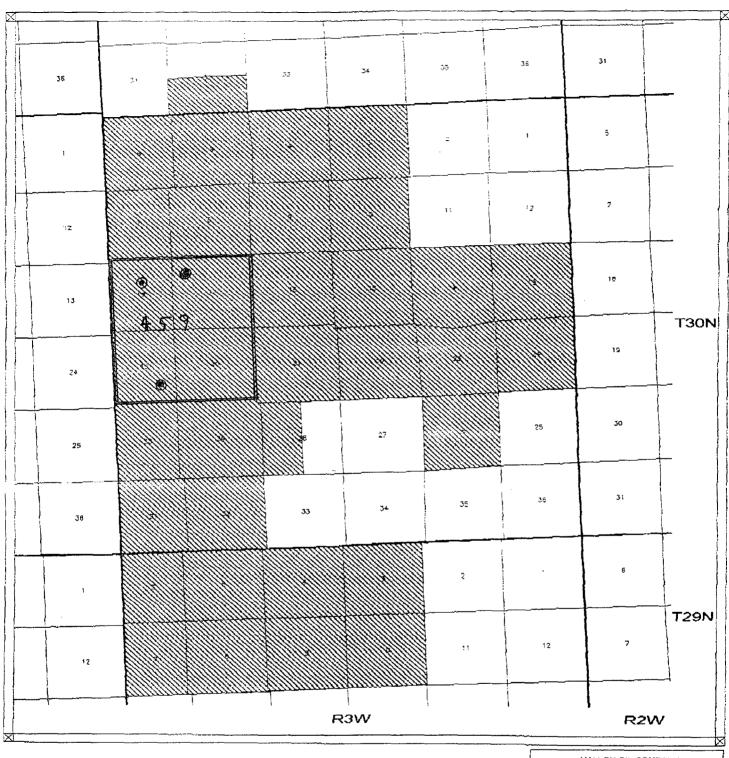
Sincerely,

MALLON OIL COMPANY

Terry Lindeman

Exploration/Production Superintendent

Enclosures





Scale 1:76000.

0.2 0. 0.2 0.4 0.8 0.8 1, miles

LEGEND Diagonal hatchures=Mallon's leasehold MALLON OIL COMPANY

San Juan Basin - E. Blanco Mallon's Leasehold Rio Arriba, New Mexico

154470

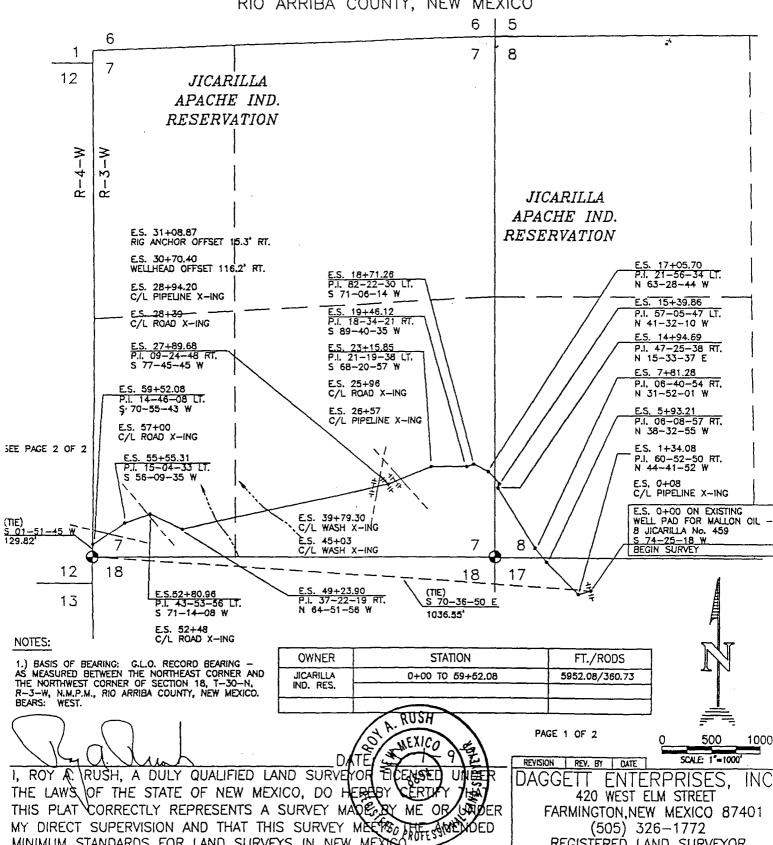
UNITED STATES

FORM APPRI	OVED
Budgel Bureau No	1004-0135

(JUNE: 1990)	DEPARTMENT OF THE BUREAU OF LAND MAN		Budget Bureau No. 1004-0135 Expres March 31, 1993
) (516 7: 51 SUNDRY NOTICES AND REPO	DRTS ON WELLS ##	Lease Designation and Serial No. JIC459
971	Do not use this form for proposals to drill or to deepe	n or reentry to a different reservoir.	6∮ tf Indian, Allotte or Tribe Name
	ALBUQUERQUE, H.M. Use "APPLICATION FOR PERMIT"	SLBUQUEROUE	Jicarilla Apache 11 17 In Unit or CA, Agreement Designation
Type of Well	SUBMIT IN TRIPLICATE		7. If Olik G. C.A., Agreement Designation
	Oil Well X Gas Well Other:		N/A 24
2. Name of Ope	erator Mallon Oil Company		8. Well Name and No. Jicarilla 459 No. 8
3. Address and	P.O. Box 3256, Carlsbad, NM 88220	(505) 885-4596	9. Well API No. 30-039-24305 10. Field and Pool, or Exploratory Area
4. Location of V	Net (Footage, Sec., T., R., M., or Survey Description) 2205' FSL and 1530' FWL (NE SW) Un Sec. 20', T30N-R3W	it.K C-	E. Blanco, Pictured Cliffs 11. County or Parish, State Rio Arriba County, New Mexico
12.	CHECK APPROPRIATE BOX(S) TO INC	ICATE NATURE OF NOTICE, REPOR	T, OR OTHER DATA
	TYPE OF SUBMISSION	TYPE OF A	ACTION
	X Notice of Intent Subsequent Report	Abandonment Recompletion Plugging Back	Change of Plans New Construction Non-Routine Fracturing
	Final Abandonment Notice	Casing Repair Altering Casing X Other: Pipeline	Water Shut-Off Conversion to Injection Dispose Water (Note: Report results of multiple completion on West
			Completion or Recompletion Report and Log form (
13. Describe M	roposed or Completed Operations (Clearly state at pertinent details, and give pertinent dates subsurface locations and measured and true vertical depths for all markers and zones per Mallon Oil Company proposes to lay two (2) new	rtinent to this zone.)*	a is directionary direct, give
	with a maximum pressure rating of 10,570 psi and of 1200 psi. The lines will be buried 6 feet deep The lines will start at the Jicarilla 459 No. 8 and v Federal No. 1 (5952.08' of line will be laid, 360.7)	ad a maximum operating pressure and will be wrapped with TGFIII. will run northwest to the Simms	图画绘画》。
J912	Mallon Oil Company also proposes to extend the an Amine facility. Approximately 1/4 mile north of a water disposal facility will be built. Survey plate Environmental Assessment is forthcoming to be	of the well pad, a 200' x 200' pad fo s and archaeological surveys are a	or Sala Sala Sala Sala Sala Sala Sala Sal
14. I hereby cer Signed	Duane C. Winkler	Title <u>Operations Manag</u>	er Date <u>5/6/97</u>
Approved By		Title	Date
Conditions of a	street as a kore b	y BIA - Company	proventation
	. Section 1001, makes it a crime for any person knowingly and willfully to make any departme r within its jurisdiction.	ent or agency of the United States any false, fictitious or fraudul	ent statements or representations
		·	

A SURVEY FOR MALLON OIL CO. WATER DISPOSAL LINE EAST BLANCO FACILITY

NW/4 SEC.17, T-30-N, R-3-W, N.M.P.M. SW/4 SEC. 8, T-30-N, R-3-W, N.M.P.M. S/2 SEC. 7, T-30-N, R-3-W, N.M.P.M. RIO ARRIBA COUNTY, NEW MEXICO



MINIMUM STANDARDS FOR LAND SURVEYS IN NEW MEXIC

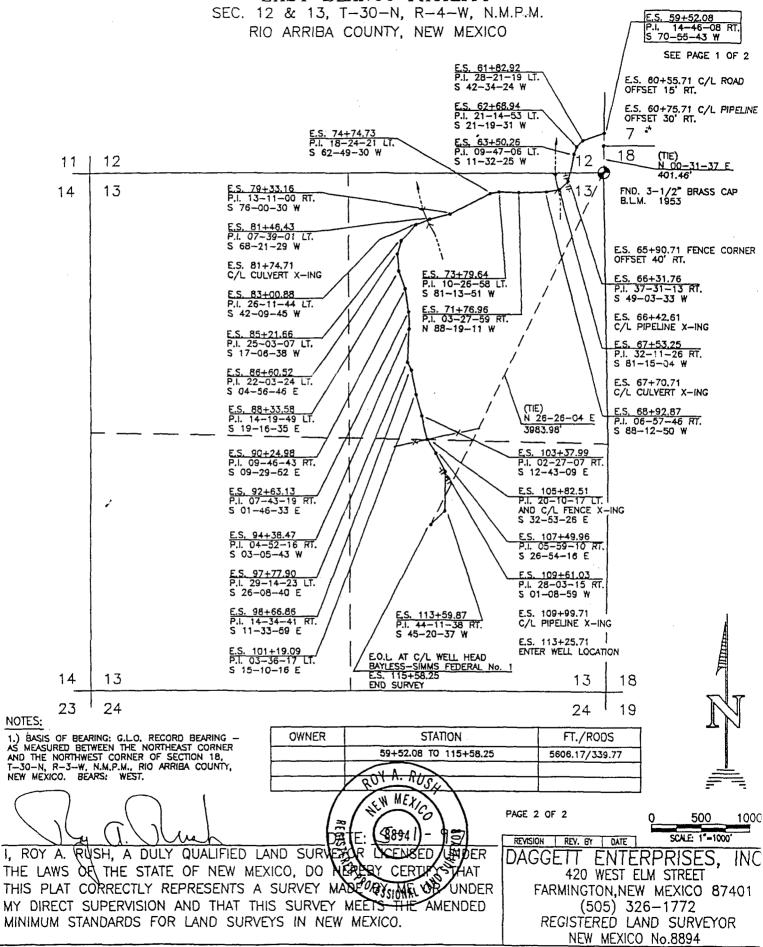
(505) 326-1772

REGISTERED LAND SURVEYOR NEW MEXICO No. 8894

A SURVEY FOR

MALLON OIL CO. WATER DISPOSAL LINE

EAST BLANCO FACILITY



A SURVEY FOR

MALLON OIL CO. AMINE SITE

EAST BLANCO FACILITY

NW/4 SEC.17, T-30-N, R-3-W, N.M.P.M. RIO ARRIBA COUNTY, NEW MEXICO

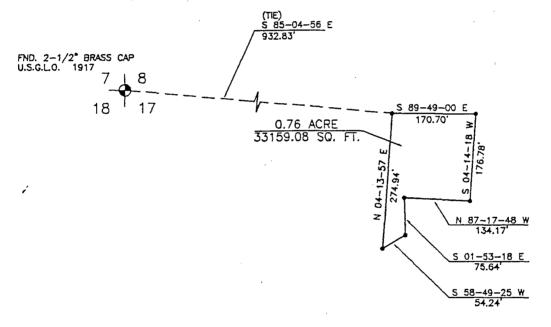
LEGAL DESCRIPTION:

A PARCEL OF LAND LOCATED IN THE NW/4 OF SECTION 17, TOWNSHIP 30 NORTH, RANGE 3 WEST, N.M.P.M., RIO ARRIBA COUNTY, NEW MEXICO, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF SAID SECTION 17, THENCE S 85-04-56 E, A DISTANCE OF 932.83 FEET TO THE "TRUE POINT OF BEGINNING" FOR THIS DESCRIPTION;

THENCE S 89-49-00 E, A DISTANCE OF 170.70 FEET;
THENCE S 24-14-18 W, A DISTANCE OF 176.78 FEET;
THENCE N 87-17-48 W, A DISTANCE OF 134.17 FEET;
THENCE S 01-53-18 E, A DISTANCE OF 75.64 FEET;
THENCE S 58-49-25 W, A DISTANCE OF 59.24 FEET;
THENCE N 04-13-57 E, A DISTANCE OF 274.94 FEET TO THE TRUE POINT OF BEGINNING.

CONTAINING 0.76 ACRE(S) MORE OR LESS.



NOTES:

- 1.) BASIS OF BEARING: G.L.O. RECORD BEARING -- AS MEASURED BETWEEN THE NORTHEAST CORNER AND THE NORTHWEST CORNER OF SECTION 18, T-30-N, R-3-W, N.M.P.M., RIO ARRIBA COUNTY, NEW MEXICO. BEARS: WEST.
- 2.) DATE OF FIELD SURVEY: 4/14/97
- 3.) PROJECT LANDS ARE JICARILLA APACHE INDIAN RESERVATION.

SET 1)2" REBAR W/-PLASTIC CAP LS. 8894

I, ROY A. RUSH, A DULY QUALIFIED LAND SURVEYOR LICENSED UNDER THE LAWS OF THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THIS PLAT CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECT SUPERVISION AND THAT THIS SURVEY MEETS THE AMENDED MINIMUM STANDARDS FOR LAND SURVEYS IN NEW MEXICO.





0 100 SCALE: 1°=200′

PEVISION PREV. BY DATE SCALE 1-200

DAGGETT ENTERPRISES, INC.

420 WEST ELM STREET

FARMINGTON, NEW MEXICO 87401

(505) 326-1772

REGISTERED LAND SURVEYOR

NEW MEXICO No.8894

MALLON OIL CO. WATER PLANT SITE *EAST BLANCO FACILITY*

SE/4 SEC. 7, T-30-N, R-3-W, N.M.P.M. RIO ARRIBA COUNTY, NEW MEXICO

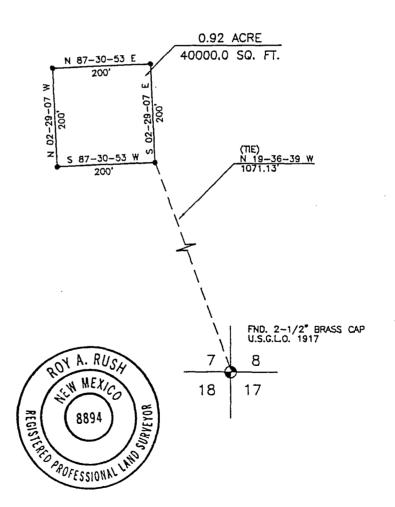
LEGAL DESCRIPTION:

A PARCEL OF LAND LOCATED IN THE SE/4 OF SECTION 7, TOWNSHIP 30 NORTH, RANGE 3 WEST, N.M.P.M., RIO ARRIBA COUNTY, NEW MEXICO, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHEAST CORNER OF SAID SECTION 7, THENCE N 19-36-39 W, A DISTANCE OF 1071.13 FEET TO THE "TRUE POINT OF BEGINNING" FOR THIS DECSCRIPTION;

THENCE S 87-30-53 W, A DISTANCE OF 200.00 FEET; THENCE N 02-29-07 W, A DISTANCE OF 200.00 FEET;
THENCE N 87-30-53 E, A DISTANCE OF 200.00 FEET;
THENCE S 02-29-07 E, A DISTANCE OF 200.00 FEET TO THE TRUE POINT OF BEGINNING.

CONTAINING 0.92 ACRE(S) MORE OR LESS.



NOTES:

1.) BASIS OF BEARING: G.L.O. RECORD BEARING — AS MEASURED BETWEEN THE NORTHEAST CORNER AND THE NORTHWEST CORNER OF SECTION 18, T—30—N, R—3—W, N.M.P.M., RIO ARRIBA COUNTY, NEW MEXICO. BEARS: WEST.

2.) DATE OF FIELD SURVEY: 4/14/97

3.) PROJECT LANDS ARE JICARILLA APACHE INDIAN

(SET 1/2) REBAR W/(PLASTIC CAP (L.S. 8894

I, ROY A. RUSH, A DULY QUALIFIED LAND SURVEYOR LICENSED UNDER THE LAWS OF THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THIS PLAT CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECT SUPERVISION AND THAT THIS SURVEY MEETS THE AMENDED MINIMUM STANDARDS FOR LAND SURVEYS IN NEW MEXICO.

SCALE: 1"=200"

REVISION REV. BY DATE DAGGETT ENTERPRISES, 420 WEST ELM STREET FARMINGTON, NEW MEXICO 87401 (505) 326-1772 REGISTERED LAND SURVEYOR NEW MEXICO No.8894

VELARDE ENERGY SERVICE Dulce, New Mexico Cultural Resources Survey Report

Cultural Resource Survey: Archaeological Survey of two plant facilities on Jicarilla Apache Tribal Lands.

Preparer: Gifford Velarde, Archaeologist, Velarde Energy Service, P. O. Box 919,

Dulce, New Mexico 87528

Survey Archaeologist: Same as preparer.

Other Parties: Ciecel Bell, pumper for Mallon Oil Company.

Report Number: CR-97-511

Date of Report: 17 April 97 Date of Survey: 16 April 97

Sponsor Name and Address: Terry Lindeman, Mallon Oil Company, P.O.Box 3256,

Carlsbad, New Mexico 88220

PROJECT #1 INFORMATION

Project Name/Designation: Amine Facility

Description of Undertaking: A Plant to Sweeten Sour Gas

Nature of Federal Involvement: Under Bureau of Indian Affairs Jurisdiction.

Size of Project Area: A rectanguler shape 135 feet in width and 175 feet in

length (135' x 175') for 0.54 acre.

PROJECT LOCATION

State: New Mexico County: Rio Arriba

Reservation: Jicarilla Apache

USGS Quadrangle: Bixler Ranch, N.M., 1963, 7.5, (1:24000)

Legal Description: The project is located in the NW 1/4 of the NW 1/4 of Section

17, Township 30 North, Range 3 West.

UTM Coordinates: Zone 13; 305,645 mE; 4,076,840 mN (project's center)

Distance/Direction from local landmarks/geographic features: The project is located 500 meters south of J-10 on the northern Jicarilla.

ENVIRONMENTAL SETTING

Topographic Situation: An upper valley is the setting for the project.

Drainage: The drainage is toward the north into Cabresto Canyon.

Geology and Soils: The soil is partly disturbed. The other part has developed into a clay loam.

Vegetation Communities and Local Flora: The local flora consists of mostly sage with juniper, and rabbitbrush.

Elevation (feet): 7060 feet

SURVEY

Dimensions & Acreage: Same as project area.

Survey Method: The area was surveyed by walking a series of 4-5 meter linear

transects.

Previous Surveys: None.

Previous Disturbance: A well location is adjacent to the proposal project.

CULTURAL RESOURCES

Sites: None

Isolated Occurrences: None.

Isolated Artifacts: None

RECOMMENDATIONS

Archaeological clearance is recommended for Mallon's Amine Facility.

Attachments: Project Location Map: Figure 1

REFERENCES

Museum of New Mexico

1986 Archaeological Records Management System. Laboratory of

Anthropology, Santa Fe. New Mexico.

PROJECT #2 INFORMATION

Project Name/Designation: East Blanco Water Disposal Facility

Description of Undertaking: Construct water disposal facility

Nature of Federal Involvement: Under Bureau of Indian Affairs Jurisdiction.

Size of Project Area: A square shape 200 feet in width and in length $(200' \times 200')$ for 0.91 acre.

PROJECT LOCATION

State: New Mexico County: Rio Arriba

Reservation: Jicarilla Apache

USGS Quadrangle: Bixler Ranch, N.M., 1983, 7.5, (1:24000)

Legal Description: The project is located in the SW 1/4 of the SE 1/4 of Section

7. Township 30 North, Range 3 West.

UTM Coordinates: Zone 13; 305,200 mE; 4,077,210 mN (project's center)

Distance/Direction from local landmarks/geographic features: The project is located 100 meters east of J-10 on the northern Jicarilla.

ENVIRONMENTAL SETTING

Topographic Situation: An sage valley near some foothills is the setting for the project.

Drainage: The drainage is west into Cabresto Canyon.

Geology and Soils: The soil has developed into a clay loam.

Vegetation Communities and Local Flora: The local flora consists of mostly sage with juniper, and blue grama.

Elevation (feet): 7020 feet

SURVEY

Dimensions & Acreage: Same as project area.

Survey Method: The area was surveyed by walking a series of 4-5 meter linear

transects.

Previous Surveys: None.

Previous Disturbance: A pipeline R-O-W is adjacent to the proposed project.

CULTURAL RESOURCES

Sites: None

Isolated Occurrences: None.

Isolated Artifacts: None

RECOMMENDATIONS

Archaeological clearance is recommended for East Blanco Water Disposal Facility.

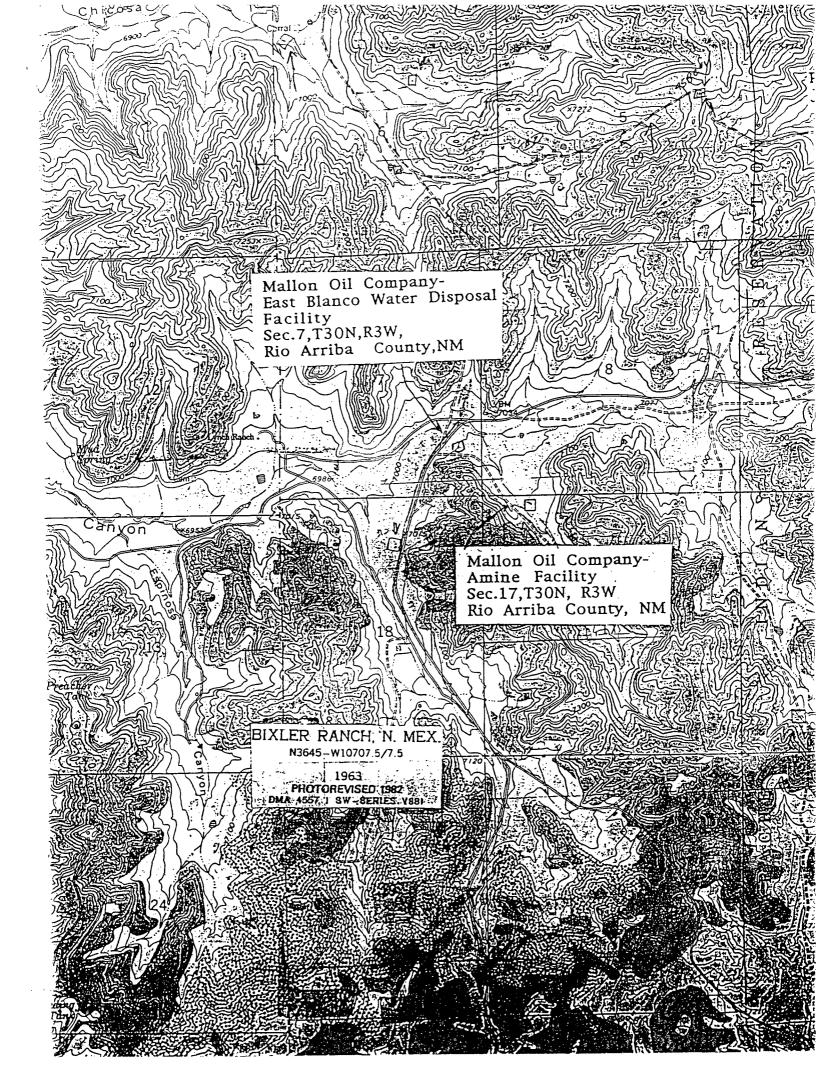
Attachments: Project Location Map: Figure 1

REFERENCES

Museum of New Mexico

1986 Archaeological Records Management System. Laboratory of

Anthropology, Santa Fe. New Mexico.



VELARDE ENERGY SERVICE Dulce, New Mexico Cultural Resources Survey Report

Cultural Resource Survey: Archaeological Survey of a Pipelne Right-of-Way on Jicarilla Apache Tribal Lands.

Preparer: Gifford Velarde, Archaeologist, Velarde Energy Service, P. O. Box 919, Dulce, New Mexico 87528

Survey Archaeologist: Same as preparer.

Other Parties: Ciecel Bell, Mallon Oil Company, Bob Larson and Robert Moore,

Daggett Inc.

Report Number: CR-97-513

Date of Report: 23 April 97 Date of Survey: 16 & 23 April 97

Sponsor Name and Address: Terry Lindeman, Mallon Oil Company, P.O.Box 3256,

Carlsbad, New Mexico 88220

PROJECT #1 INFORMATION

Project Name/Designation: East Blanco Water Disposal Line

Description of Undertaking: Construct Water Disposal Line

Nature of Federal Involvement: Under Bureau of Indian Affairs Jurisdiction

Size of Project Area: A linear area 5,946 feet in length and 45 feet in width

(5946' x 45') for 6.14 acres (Figure 1).

PROJECT LOCATION

State: New Mexico County: Rio Arriba

Reservation: Jicarilla Apache

USGS Quadrangle: Bixler Ranch, N.M., 1963, 7.5, (1:24000)

Legal Description: The proposed project is located in the NW 1/4 of the NW 1/4

of Section 17, into the SW 1/4 of the SW 1/4 of Section 8, into the SE 1/4 of the SE 1/4, into the SW 1/4 of the SE 1/4, into the SW 1/4

o f Section 7 Township 30 North, Range 3 West.

UTM Coordinates: Zone 13; 305,650 mE; 4,076,780 mN (well head)

Zone 13; 304,090 mE; 4,077,145 mN (exits Reservation)

Distance/Direction from local landmarks/geographic features: The project is approximately 4 miles north of US 64 and the Jicarilla's western boundary.

ENVIRONMENTAL SETTING

Topographic Situation: The area has gently sloping valleys and rolling hills.

Drainage: The drainage is west into Cabresto Canyon.

Geology and Soils: The soil has developed into a clay loam with some influence of a sandy loam.

Vegetation Communities and Local Flora: The local flora consists of sage, blue grama, prickly pear, pinon and juniper.

Elevation (feet): 6980-7060 feet.

SURVEY

Dimensions & Acreage: Same as project area.

Survey Method: The area was surveyed by walking a series of 5-7 meter linear transects.

Previous Surveys: Several projects are nearby. They have been surveyed.

Previous Disturbance: A local rancher road now serves as a right-of-way and well service route.

CULTURAL RESOURCES

Sites: None

Isolated Occurrences: I.O. 613 consisting of several sherds was found and

recorded.

Isolated Artifacts: None

RECOMMENDATIONS

The pipeline right-of-way has been rerouted to avoid cultural resources. Archaeological clearance is recommended for East Blanco Water Disposal Line.

Attachments: Project Location Map: Figure 1

REFERENCES

Museum of New Mexico

1986 Archaeological Records Management System. Laboratory of

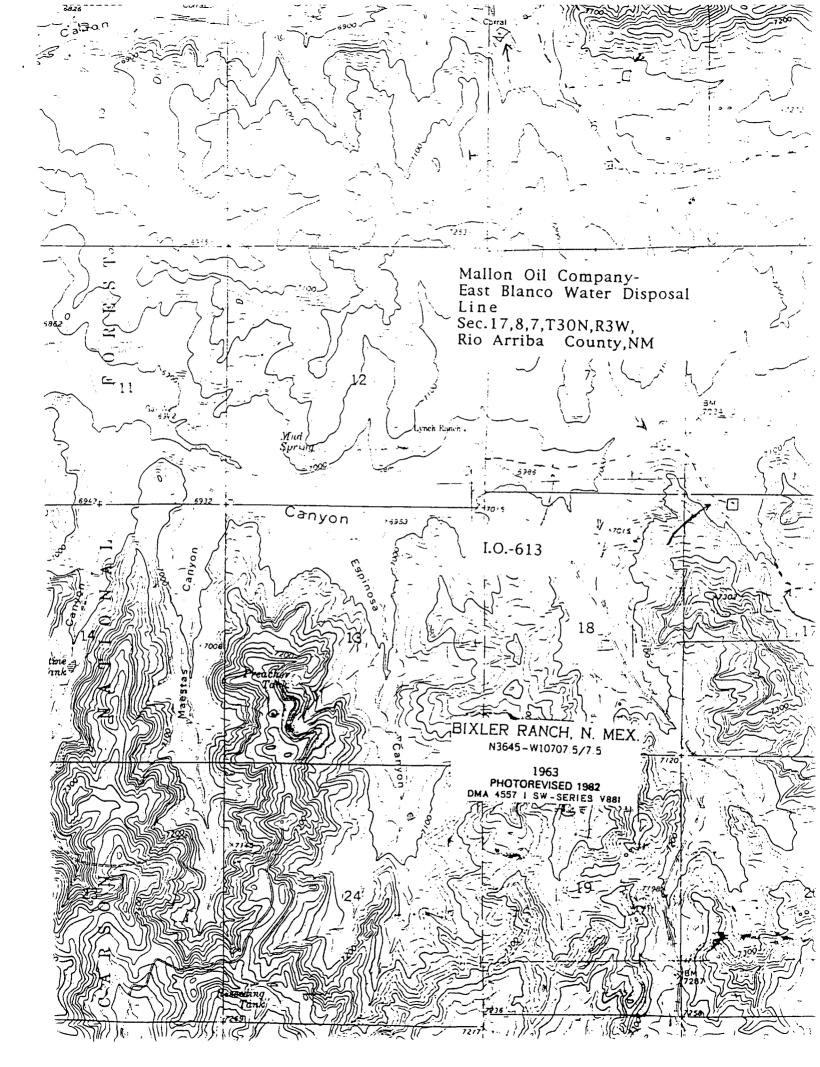
Anthropology, Santa Fe. New Mexico.

U S Department of the Interior Bureau of Land Management

Report Numbers (BLM) Survey: Mitigation/Study:

Cultural Resource Identification Record Isolated Artifact Form

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5) UTM Z	one 13 Easting 2	5450=	Northir	1g 407	7010	•	
6) Geogra	phic Coordinates:	Lat. North_		Long.	West		
7) # Assoc	riated Form		8) Artifac	t Collected	i Yes	No_:-	
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	t Zone (BLM) <u> 1197</u>						
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5) Ælevati	on <u>6980</u>		_6) Land Fo	orm_ <i>\$/!//</i>	ILL dra	SAMPLE -	_
7) Water S						<u> F</u>	
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State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

Revised February 10, 1994 Instructions on back Submit to Appropriate District Office

PO Drawer DD, Artesia District III	a, NM 88211-0719			San	PO Box 2088 nta Fe, NM 87504-2	2088		_	5 Coples
1000 Rio Brazos Rd.,	Aztec, NM 87410							(AMENDED REPORT
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	Ounobuu, 1		(555) 555						Effective 1/1/97
	4. API Number				5. Poo				6. Pool Code
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Date:		Phone:					FEB	1 8 1997	11100
[02/10/97		(505) 885-4						
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	Previous Operator (_	0000000	. 446	Printed Name	1421	DI	Engiheer	2/12/20
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State of New Mexico

Energy, Mirerals & Natural Resources Department
OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-104 Revised February 10, 1994 Instructions on back Submit to Appropriate District Office 5 Copies

AMENDED REPORT

District I *
PO Box 1980, Hobbs, NM 88241-1980 PO Drawer DD, Artesia, NM 88211-0719 District III

1000 Rio Brazos Rd., A District IV	ziec, NM 87410							L	
PO Box 2088, Santa Fa	, NM 87504-2088		DEOLIEST I	FOR ALLOW	VABLE AND A	JTHORIZAT	ON TO TRA	NSPORT	
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	Mallon Oil C	ompany							013925 Reason for Filing Code
	P.O. Box 32								
	Carlsbad, N	M 88220	(505) 885-4						CH Effective 1/1/97
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Title:	Theresa A. I	McAndrews	···		Approval Date		TA A S	0. 1. 17. 400	
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District II III South First, Artesia, District III 1800 Rio Brazzo Rd., Az District IV 2040 South Pachoco, San	er, NM 87410 * 96 \ ¹ 1 a Fe, NM 87505	in 24	6 Mg	ONSER\ -2040 Sc Santa Fe	VATION DIV outh Pacheco e, NM 87505		Submit to A	Ins Appropris State Fee	Rructions on bac ate District Offic Lease - 4 Copic Lease - 3 Copic
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Certificate Number

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RECEIVED BUREAU OF	TED STATES NT OF THE INTERIOR LAND MANAGEMENT	FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993 5. Lease Designation and Serial No.
	AND REPORTS ON WELLS ill or to deepen or reentry to a different reservoir R PERMIT—" for such proposals	Jic. Cont. #459 6. If Indian, Allottee or Tribe Name r. Jicarilla Apache Trib
SUBMIT	IN TRIPLICATE	7. If Unit or CA, Agreement Designation
I. Type of Well Oil X Gas Well Other		8. Weli Name and No.
2. Name of Operator		Jicarilla #459 No.8
	87499 505-326-2659	30-039-24305 10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey D 287' FNL & 1072' FWL	escription)	Undes. Ojo Alamo 11. County or Parish, State
Sec. 17, T30N, R3W		Rio Arriba, NM
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTIO	N .
Notice of Intent Subsequent Report	Abandonment Recompletion Plugging Back	Change of Plans New Construction Non-Routine Fracturing
Final Abandonment Notice	Casing Repair Altering Casing X Other Resume production	Water Shut-Off Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
give subsurface locations and measured and true vertice	Il pertinent details, and give pertinent dates, including estimated date of star cal depths for all markers and zones pertinent to this work.)* f May 3, 1995 please be advised this May 22, 1995.	
		DEOESTADO Nun - 2 1885
		OIL GOOL DAK Del e
		en e
14. I hereby certify/that the foregoing is true and correct Signed	Title Petroleum Engineer	Date5-22-95
(This space for Federal or State office use) Approved by Avert Cent	Chief, Lands and Mineral Resour	ces JUN 2 1995

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.

(This space for Federal or State office use) Approved by Conditions of approval, if any.	Tale	OCT 2: 1991 Date Fritaining for recounse right BY BY
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14. I hereby certify that the foregoing is true and correct Signed	_	ACCEPTED FOR RECORD
		71 5 1991. CON. DIV.
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long-term shut-in status.		
pending further evaluation	ffs zone by setting a drillab of the Ojo Alamo zone. Requ	
 Describe Proposed or Completed Operations (Clearly state all perture give subsurface locations and measured and true vertical depositions). 		te of starting any proposed work. If well is directionally d
- Final Adangonment Notice	X Other Set Bridge Plug	Dispose Water (Note: Report results of multiple completion on: Completion or Recompletion Report and Log for
Subsequent Report Final Abandonmen: Notice	Plugging Back Casing Repair Altering Casing	Non-Routine Fracturing Water Shut-Off Conversion to Injection
Notice of Intent	Abandonment Recompletion	Change of Plans New Construction
TYPE OF SUBMISSION	TYPE OF A	ACTION
CHECK APPROPRIATE BOX(s) TO	O INDICATE NATURE OF NOTICE,	
Sec. 17, T30N, R3W	•	Rio Arriba, NM
4 Location of Well (Footage, Sec., T., R., M., or Survey Description 287 FNL & 1072 FWL		East Blanco Pic. Cli
3. Address and Telephone No. PO Box 168, Farmington, NM 87499	(505) 326-2659	30-039-24305 10. Field and Pool of Exploratory Area
2. Name of Operator Robert L. Bayless		Jicarilla 459 #8
I. Type of Well Oil Well Well Other		8. Well Name and No.
SUBMIT IN	TRIPLICATE	
Do not use this form for proposals to drill or Use "APPLICATION FOR PE	to deepen or reentry to a different res RMIT—" for such proposals (2101, A	ervoir. Jicarilla Apache Tri 7. If Unit or CA, Agreement Designation
SUNDRY NOTICES AND	REPORTS ON WELLS! 3/11:30	Jic. Cont. #459 6. If Indian. Allottee or Tribe Name
DEPARTMENT OF LAND	D MANAGEMENT	Expires: March 31, 1993 5. Lease Designation and Serial No.
orm 3160-5 OIL STATE REC. VED UNITED	E THE WEEDING	FORM APPROVED Budget Bureau No. 1004-0135
N DIVISION		/ 7
		7

Hold C-104 for 050 ALAMO NSL 3

NEW MEXICO DIL CONSERVATION COMMISSIO WELL _JCATION AND ACREAGE DEDICATION P All distances must be from the outer boundaries of the Sec ROBERT L. BAYLESS JICARILLA 459 Unit Letter Section Township RIO ARRIBA PH 2: 39 3 W 17 30 N Actual Footage Location of Well: lest from the 1072 North line and feet from the Grand Level Elev. Dedicated Acreage: Producing Formation Pocl Undesignated Ojo Alamo Ojo Alamo 7094 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 thereo; (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 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 Commis-CERTIFICATION WEST 80.00cm. I hereby certify that the information con-1072 tained herein is true and complete to the 8 Price M. Bayless Position Engineer Company 10/14/91 I hereby certify that the well location 17 knowledge and belief.

79.80 64

FORM 24-

WEST

Form 3160-4 (November 1983) (formesty 9-330)

UNITED STATES

SUBMIT IN DUPLICATE.

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

DEPARTMENT OF THE INTERIOR SERVE

5. LEASE DESIGNATION AND SERIAL NO.

	BU	REAU	OF LAN	ID MAN	AGEME	ALC TH	Consi	EC: VE)			ontract 459
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Robert L.						Mar And	(S) (3) (9)	9 (7) (2)	3	9. WELL NO.		
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					.					/sx; 175		$(221 \text{ ft}^3) 50/5$
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12/17/90	3 hrs		3/4			-0		186		_0-		N/A
LOW. TUBING PRESS.	CABING PRESSU	24	LCULATED -HOUR RAT	,		1	A8-MCF.	1		—нві.	OIL	GRAVITY-API (CORR.)
80 psi	SI tubin		ented etc)		-0-		1485		<u>_</u>	O-		N/A
		•	,,								=v	
Vented - 15. List of ATTAC	1527 MCFD	AUF				·····				1417	1-321	ED FUR RECORD
	, 1		,									
36. I bereby certif	y that the foregot	(פון פים	rttarbed i	nformatio	n is comp	lete and	correct a	a determin	ed from	all available	ecord	6- N : 1001
/	Um DI	1/149	921									
SIGNED	evin H. McC	ord	, e u	T	TLE P	GLIOT	eum Li	ngineer		DAT	<u> 10</u>	0/2/91
	*(Se	e Instru	ections a	nd Spac	es for A	ddition	al Date	on Reve	rse Si	de) Ry	Sn	v m

37. SUMMARY OF PORO drill-stem, tests, incl recoveries):)US ZONES: (Sh luding depth int	erval tested, cus	SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thercof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):	38. GEOL	GEOLOGIC MARKERS	
FORMATION .	TOP	воттом	DESCRIPTION, CONTENTS, ETC.	NAME	TC	TOP
Ojo Alamo	3117	3343	natural gas		MEAS, DEPTH	TRUE VERT. DEPTH
Kirtland	3343	3622	water	Ojo Alamo	3117	same
Fruitland Coal	3622	3663	water, natural gas	Kirtland	3343	same
Pictured Cliffs	s 3663	4075	natural gas	Fruitland Coal	3622	same
				Pictured Cliffs	3663	same
	; ;	, 5				
	· ` . `					
					·	
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a a (November 1985). • 21 comesty 0. 3,515

UNITED STATES SUBMIT IN FRIPLICATION Of THE INTERIOR SUBMIT IN FRIPLICATION OF THE INTERIOR OF THE PROPERTY OF THE INTERIOR OF THE PROPERTY OF THE INTERIOR OF

/ Fond approved.
Budget Bareau N - 1004. A
Expire: August J. 1085 S. LEASE DESI NATION AND BERTAL

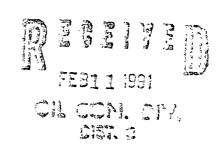
O. Box 168, Farmington, NM 87499 Ation of Well (Report location clearly and in accordance with any State requirements.* also space 17 below.) Rufface 287' FNL & 1072' FWL 15 ELEVATIONS (Show whether DE. RG. GR. etc.) 7074' GL; 7086' RKB	8 10. FIELD AND POOL OF WILDCAT Undes. Ojo Alamo 11. SEC. T., E., M., OB BLE. AND BURVEY OR AREA Section 17, T30N, R. 12. COUNTY OF PARISH 13. STATE Rio Arriba NM
O. Box 168, Farmington, NM 87499 Attor of Well (Report location clearly and in accordance with any State requirements.* also space 17 below.) surface 287' FNL & 1072' FWL	8 10. FIELD AND POOL OR WILDCAT Undes. Ojo Alamo 11. SEC. T. E. M., OB BLE. AND BURVEY OR AREA Section 17, T30N, R.
O. Box 168, Farmington, NM 87499 ATION OF WELL (Report location clearly and in accordance with any State requirements.* also space 17 below.) Rurface	VELL NO. 8 10. FIELD AND POOL OF WILDCAT Undes. Ojo Alamo 11. SEC. T. E. M., OF BLE. AND
O. Box 168, Farmington, NM 87499 Ation of Well, (Report location clearly and in accordance with any State requirements.*	N. BILL NO. 8 10. FIELD AND POOL OR WILDCAT
O. Box 168, Farmington, NM 87499	s. v. ELI. NO.
RESS OF OPERATOR	to the table to the table
bert L. Bayless	Jicarilla 459
OF OF OPERATOR 91 FEB 18 AM S	8 FARM OR LEASE NAME
	59NIT AGREEMENT NAME
Use "APPLICATION FOR PERMIT" for such proposals.) COM	Jicarilla Apache Trib
SUNDRY NOTICES AND REPORTS ON WELLS	Stor many
BUREAU OF LAND MANAGEMENT	Jicarilla Contract 45
	SUNDRY NOTICES AND REPORTS ON WELLS The not aper this form for proposals to drill of the deepen of plus back to a different Refervable CONSTRUCTION FOR FERMIT "for such proposals CONSTRUCTION FOR PERMIT "for such permit CONSTRUCTION FOR PERMIT "for such pe

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

NOT	TO SOL	INTENTION TO:	SCHREQUENT REPORT OF:				
		r ¬	(-)	_			
TEST WATER SHUT-OFF		PULL OR ALTER CASING	WATER SHUT-OFF BEFAIRING WELL				
FRACTURE TREAT		MUITIPLE COMPLETE	FRACTURE TREATMENT X ALTERING CASING	_			
SHOOT OR ACIDIZE		ABANDON*	SBOOTING OR ACIDIZING ABANDONMENT*				
REPAIR WELL	1.1	CHANGE PLANS	(Other)				
(Other))) 1	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)				

17. DESCRIBE PROPOSED SECONDETE: OPERATIONS (Plently state all pertinent details, and give pertinent dates, including estimated date of starting a proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones per near to this work.)*

See Attached Report



SIGNED Kevin H. McCord	TITLE Petroleum Engineer	DATE 11-30-90
(This space for Federal or State office use)		MANY OF THE STATE
APPROVED BY CONDITIONS OF APPROVAL, IF ANY:	TITLE	DATE
*Se	e Instructions on Reverse Side	FRANCISCO RESOURCE AREA

Title 18 U.S.C. Section 1901, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any faise, fictitious or fraudulem statements or representations as to any matter within its jurisdiction.

ROBERT L. BAYLESS

P. O. BOX 168 FARMINGTON, NM 87499

FAX NO (505) 326-6911 OFFICE (505) 326

JICARILLA 459 #8 OJO ALAMO COMPLETION

- 11-15-90 Move Bayless #4 to location and rig up. Rig down test se and move off location.
- 11-16-90 Blow well down. Take off wellhead and nipple up BOP. Un packer. Trip in hole 5 jts. to clear perfs. Lay 5 jts. down. Rig up Western Co. Roll hole with 2% KCL water. R rate test on Ojo Alamo. Run pump in, shut in test. Start hole. Step rate pumped as follows:

RATE, BPM	TOTAL BBLS	TUBING PRESSU
. 25	_	740
.5	10	850
.75	8	930
1	6	970
1.5	9	1050
2.0	9	1120
3.0	16	1280
4.0	17	1560
5.0	9	1790
7.0	42	2410
8.8	44	3050

Pumped additional 25 bbls for total of 196 bbls. ISDP 10° Pumped Pump-in test at 9.3 BPM and 3300 PSI, pumped 90 bbls 1100 PSI.

11-17-90 Trip out of hole with tubing. Rig up Western Company to from 4 1/2" casing with 70% Nitrogen foam and 12-20 sand at 15

Pumped 8820 gal. foam pad at 2030 PSI. Shut down with turfailure. Close Rams. Wait 65 minutes on turbine.

Restart pad at 15.8 BPM pumped 10080 gallons foam pad at 21 Pump 1 PPG 12-20 SN in 70% foam. Pumped 10,000 gallons with 12-20 sand total for stage.

Pump 2 PPG 12-20 SN in 70% foam. Pumped 3,000 gallons with 12-20 SN. Pressure increased from 2430 to 3280 PSI and scrout. Pumped total of 13,900# sand, leaving about 4000# in 6 ISDP 3200 PSI; 5 minutes 2890 PSI; 10 minutes 2740 PSI; 15 6 2640 PSI. Pumped total of 13,900# SN, 31,900 gallons foam 357,860 SCF Nitrogen.

Shut well in for 3 hours. Rig up flow line to burn pit we tapped bullplug in end. Flow well to pit with dry watchmovernight. Stimulation cost includes step rate and pump in

- 11-18-90 Dry watch well while blowing back.
- 11-19-90 Dry watch well while blowing back. shut well in.
- 11-20-90 Casing pressure at 930 PSI. Blow well down and kill well. Triin hole with 96 joints of 2 3/8" tubing. Pick up 6 joints to clean out sand. Tag sand at 3136 ft. KB. Clean out to 3250 ft KB. Lay down 6 jts. of tubing. Land well in BOP. Shut well in
- 11-21-90 Begin swabbing with casing at 930 PSI, tubing at 0 PSI. Swab 100 bbls. to pit. Kick well off at 2:00 p.m. Making too much water to flare. Casing pressure at 170 PSI and building.
- 11-23-90 Casing pressure at 1100 PSI, tubing pressure at 1100 PSI. Rig test separator. Flow well to burn pit all day, recovering load Shut well in overnight.

From 31m S (November 1084) deaments.

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UNITED STATES

SUBMIT IN TRIFFINATES

Budget Barrow No. 1004-1

STARE DESIGNATION AND HELIAL	1.57	314	Auton	ι	Ή.	108.5
	TASE	DES	O. FAZIO	· ·	56	HELLAT

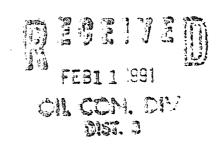
9. 3.31	DEPARTMENT OF THE INTERIOR	verse wide	D. STARE DESIGNATION AND HERIAL
	BUREAU OF LAND MANAGEMENT		Jicarilla Contract 4
	ALLE STATE OF THE	OIL CONSERVE TO	N DIVIONALBOTTER OR THIRE

OH.	NAR X OTHER	'91 FEB 18	FILL GIT TOPREMENT PANE
2. NAME OF OPA	CHATOR		8. FARM OR LEANE NAME
Robert 1	L. Bayless	en e	Jicarilla 459
P.O. Box Location or See also space At surface	x 168, Farmington, NM 87499 WELL (Report location clearly and in accordance 17 below)	with any State requirements.	8 10. FIELD AND POOL OF WILDCAT Undes. Ojo Alamo
287' FN	L & 1072' FWL		Section 17, T30N, R3
14. PERMIT NO	15 ELEVATIONS (Show	whether DF, RT, GR, etc.)	12 COUNTY OF PARISH: 13. STATE
	7074' GL;		Rio Arriba NM

NOTICE OF INTENTION TO:				SUBSEQUENT EXPORT OF:				
			(7	ړ				
TEST WATER SHUT-OFF]]	PULL OR ALTER CASING		WATER SHUT-OFF	BEFAIRING WELL	_		
FRACTURE TREAT		MULTIPLE COMPLETE		FHACTURE TREATMENT	ALTERING CASING			
SHOOT OR ACIDIZE		ABANDON®		SHOOTING OR ACIDIZING	ABANDONMENT*	_		
REPAIR WELL		CHANGE PLANS		(Other)				
Other) Flow Te	st We	11	1 X	(Note: Report results of mu Completion or Recompletion F	itipie completion on Well Report and Log form.)			
						_		

17. DESCRIBE PROPOSED OR COMPLETED OFERATIONS (Clearly state all perfinent details, and give pertinent dates, including estimated date of starting a proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones per nent to this work.)*

Bayless plans to flow test well for seven days, starting 12/3/90. The gas will be flared at rates less than 200 MCFD. This test is in accordance with NTL-4A, (initial Production Tests).



SIGNED - Kevin H. McCord	TITLE	Petroleum Engineer	DATE 11-30-90
(This space for Federal or State office use) APPROVED BY	TITLE .		GREPTED FOR RECORD
CONDITIONS OF APPROVAL, IF ANY:			JAN 19 DU
			A COLUMN TO A COLU

*See Instructions on Reverse Side

18. I hereby certify that the SIGNED Price M. (This space for Federal APPROVED BY CONDITIONS OF APPROVED		TITLE	er	DATE _7=3 APP P R AUG 1	OVED
SIGNED Price M.	Bayless	TITLE Engine	er	ON	30-90
11-1	foregoing is true and correct	muris Engine	er	ON	
			• •		
	•		•		·
			•	0 1990	
		•			
	: - -	·		21926.	
the Ojo Alamo 250 gallons 7	ting a bridge plug from 3124 ft. to 33 1/2% HCL acid and s rarily shut in from	222 ft. We wi swab test for	ll then acidiz evaluation. Th	e perforations e Pictured Cli	with ffs formation
17. DESCRIBE PROPOSED OR CO proposed work. If we nent to this work.) •	OMPLETE: OPERATIONS (Clearly stell is directionally drilled, give	ate all pertinent detail subsurface locations an	s, and give pertinent da d mensured and true ver	tes, including estimated rtical depths for all mar	date of starting any kers and zones perti-
(Other) Swab tes		x	Completion or Reco	ults of multiple complete empletion Report and Log	(form.)
SHOOT OR ACIDIZE	X ABANDON*		SHOOTING OR ACIDIZING	ABANDON	MENT*
TEST WATER SHUT-OFF FRACTURE TREAT	PULL OR ALTER CASE MULTIPLE COMPLETE	!	WATER SHUT-OFF FRACTUBE TREATMENT	<u></u>	G CASING
	ICE OF INTENTION TO:	()	SCBS	SEQUENT REPORT OF:	vo ****
16.	Check Appropriate Box T	o Indicale Nature	of Notice, Report, o	r Other Data	
14. PERMIT NO.		Show whether DF, RT, CR.	etc.)	Section 12 COUNTY OF PAR Rio Arriba	
287' FNL & 107	72' FWL			II. SEC., T., B., M., SURVEY OR A	OR BLE. AND
	Farmington, NM 874		quirements.*	10. FIELD AND FOO Undes.—O	I OR WILDCAT &, E
Robert L. Bayl	Less	/ /- /-		Jicarills	3/459
WELL WELL (A) 2. NAME OF OPERATOR	OTHER		90 AUG 23 AM	- - •	
OIL GAS [VI			ח מוח מה	7. UNIT AGREEMENT	Apache Tribe
1.	T NUILES AND R	EPORTS ON &	YELLS FEBERVOIT UN	į.	TTEE OR TRIBE SAME.
(Do not use this for U	NOTICES AND D			Jicarilla	Contract 459
SUNDF	BUREAU OF LAND MA		erse Bldc)	5. LEASE DENIGNAT	

OIL CONSERVATION DIVISION

Hobbs 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 - CON	NECTION /	RECONNECTIO	N / DISCONNECTION
This is to notify the Oil Con	servation	Division of	the following:
Connection X Firs	t Deliver	y <u>1/27/89</u> Date	1341 MCFD Initial Potential
Reconnection Firs	t Deliver	Date	Initial Potential
Disconnection			
for delivery of gas from the		Robert L. Ba	
		Jicarilla 45 Lease	59
Meter Code Site Code	8 Well No.	Unit Letter	7
	<u>East E</u>	Blanco Pictured	1
AOF	CAR - 1 1936 SERVATION DI SANTA FE		PEDOG SON
OCD use only County <u>L.A.</u> Land Type Liq. Transporter		Robert L. Barresentative Please type epresentative	or print)

Submit in duplicate to the appropriate district office.

Submit 5 Copies
Appropriate District Office
DISTRICT 1
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico Energy, Minerals and Natural Resources Department

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

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT III 1000 Rio Brazos Rd., Aziec, NM 87410

I.

DISTRICT II P.O. Drawer DD, Anesia, NM 88210

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Operator							Well	API No.	0.4205		
Robert L. Bayless				ı				30-039	9-24305		
Address		NW (07400								
P.O. Box 168, Farm Reason(s) for Filing (Check proper box)	ington	, NM C	<u>87499</u>	,	Ott	ner (Please expl	ain)				
New Well		Change in	Transp	orter of:			· · · · · · · · · · · · · · · · · · ·	1.03 27 25 5			
Recompletion	Oil		Dry G]	(m	:::\C\]2		台川 日		
Change in Operator	Casinghe	ad Gas	Conde		1	i kij		11 de la constantina	. 11111 -		
If change of operator give name and address of previous operator							FEB	1 5 1985	3 11 11		
II. DESCRIPTION OF WELL	ANDIE	ACE]]][TA 2011/09		
Lease Name	AND LE	Well No.	Pool N	lame, Incl	uding Formation	011	CON Kind	MILESEE D	L	ease No.	
Jicarilla 459		8			nco Pictu			Federal or Fe	Jic.C	ont. 459	
Location							······	Indian			
Unit LetterC	_ :2	87	Feet F	rom The	north Li	ne and10	72 F	et From The	west	Line	
Section 17 Townshi	p 30	N	Range	:3W	۱	мрм,	Rio A	rriba	-i	County	
III. DESIGNATION OF TRAN	SPORTI	ER OF O	II. AN	ID NAT	TIRAL GAS						
Name of Authorized Transporter of Oil											
Name of Authorized Transporter of Casing	ghead Gas		or Dry	Gas X	Address (Gi	ve address to w	hich approved	copy of this	form is to be se	int)	
Robert L. Bayless						Box 168,			1 87499		
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	R	ge. Is gas actual	•	When		7 /00		
If this production is commingled with that	from any of	her lease or	pool. gi	ve commi		ves iber:		1/2	27/89		
IV. COMPLETION DATA		-		;					,		
Designate Type of Completion	- (X)	Oil Well		Gas Well X	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v	
Date Spudded	Date Com	pl. Ready to	Prod.		Total Depth			P.B.T.D.	<u> </u>		
10/22/88	1	1/20/89	9			4075'			3949'		
Elevations (DF, RKB, RT, GR, etc.)	Name of I	Producing Fo	ormation		Top Oil/Gas	Top Oil/Gas Pay			Tubing Depth		
7074' GL 7086' RKB Pictured Cliffs				36	3670'			3700'			
Perforations	Perforations					Depth Casing Shoe					
Pictured Cliffs 36	70' -							<u> </u>			
					D CEMENT						
HOLE SIZE	CA	ISING & TU		SIZE		DEPTH SET			SACKS CEM		
12 1/4"		8 5				132'			Class B		
7 7/8"		4 1	/2"			4048' 300 sx Class				(618 ft)	
	ļ					7 221					
V. TEST DATA AND REQUES	TFOR	ALLOW	ARLE					15045 180			
OIL WELL (Test must be after r	ecovery of I	otal volume	of load	oil and m	usi be equal to o	r exceed top allo	owable for thi	s depth or be	for full 24 hou	18 18 18 18 18 18 18 18 18 18 18 18 18 1	
Date First New Oil Run To Tank	Date of To	est			Producing M	lethod (Flow, pu	ump, gas lift, e	uc)) \}			
								17.1	DOGG	#15	
Length of Test	Tubing Pr	essure			Casing Press	rrue		Choke Size	-000138	3 9	
I Dad Dair The		······································			Water - Bbis			Gas- MCF		+	
Actual Prod. During Test	Oil - Bbls	i.		4	Marci - Doll	•		Cast Mich	Dist	14V	
CACILIELI	1						·		201401, 3		
GAS WELL Actual Prod. Test - MCF/D	Length of	Test			Bhis Conde	nsate/MMCF	· · · · · · · · · · · · · · · · · · ·	Gravity of	Condensate	····	
	Langui G		_		Doil. Could			. Clavily of t			
1586 Testing Method (pitot, back pr.)	Tubing P	3 hr			Casing Press	-0- Casing Pressure (Shut-in)			N/A Choke Size		
Back Pressure Test		1080	,		1	1085			3/4"		
VI. OPERATOR CERTIFIC	ATEO		OT Y A P	ICE					3/4		
I hereby certify that the rules and regul				NCE]] (OIL CON	ISERV.	ATION	DIVISIO	N	
Division have been complied with and	that the info	ormation giv	en abov	e							
is true and complete to the best of my	gngovledge/:	and belief.			Date	Apprové	A FEB	06 8	113		
1/ 1/ VV	Max X				Dall	The CA	×	211) 1	-e -e		
Juny- 11	~~~~ \				- - -	(W.	L)	WD	.9		
Signature	_	. –			∥ By_	Cru-	7	nots			
Kevin H. McCord	Petro	leum Er	ngine Title	er							
2/3/89	505/2	26-2659			Title	DEPUTY OIL	& GAS IN	PRCTOR, D	ស្នា. ស្នា		
Date			phone i	√o.		•					

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 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.

Form 3160-4 (November 1983) (formerly 9-330)

UNITED STATES

SUBMIT IN DUPLICATE.

DEPARTMENT OF THE INTERIOR Structions of

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

structions on reverse side)	5. LEASE	DESIGNATION	AND	SERIAL

) MANAGEME		75 -revers	e side) 5. EEAS	E DESIGN.	ATION AND SERIAL NO.
						Jic	arilla	CONTRACT 459
WELL CO	MPLETION	OR RECOM	APLETION		:	j *		. Anasha Tudha
1a. TYPE OF WEL	L: OII. WELL	WELL X	DRY -	(n Her 10 -0	15 JU: 4	7 UNIT	ACREEME	Apache Tribe
b. TYPE OF COM					อล์ทเฮสรี 2	.5F &		
NEW X	WORK DEEP	BACK [RESVR .	Dibertus Ton RE	15	ICO S. PARS	UR LEAS	E NAMB
2. NAME OF OPERA	ror			· · · · · · · · · · · · · · · · · · ·		Jic	arilla	459
Rober	t L. Bayless	5	(司气面更	9 30 0	9. WEL	L NO.	· · · · · · · · · · · · · · · · · · ·
3. ADDRESS OF OPE	RATOR		A best of	- 3 3	3 3 3		8	
P.O.	Box 168, Fai	mington, N	M 87499 🕽	21 <u>4</u> 214	-	10. PIE	LD AND PO	OOL, OR WILDCAT
4. LOCATION OF WE	I.L (Report location	clearly and in ac	cordance with an	y State requiremen	"dipo	East	Blanc	O Pictured Cliff
At surface	287' FNL 8	k 1072' FWI	•				' Т., R., M. AREA	., OR BLOCK AND BURVEY
At top prod. in	terval reported belo	w same		CH 201	I. DIN	9 1		
				0!57,			1	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
At total depth		same						17, T30N, R3W
			14. PERMIT NO.	DATE	ISSUED		18 H	13. STATE
							Arrib	
	16. DATE T.D. REA			16. 200		RKB, RT, GR, ET	,	ELEV. CASINGHEAD
10/22/88 20. TOTAL DEPTH, MD	10/27/88		./20/89	TIPLE COMPL.	GL 23. INTE	7086' RKB	TOOLS	CABLE TOOLS
	ſ	BACK T.D., MD & T	HOW M			LED BY	10013	CABLE TOOLS
4075'		3949'				<u>→ 1 0</u>	- TD	25. WAS DIRECTIONAL
4. PRODUCING INTE	RVAL(S), OF THIS CO	MPLETION—TOP,	BOTTOM, NAME ()	AND AND TO THE			1	SURVEY MADE
					712 617 4		j	
	Cliffs 367					4000 Hill	102	No.
	AND OTHER LOGS RU				ED I D	1202	21.	WAS WELL CORED
	L - FDC - GF							No
8.				ort all strings set	n soell)	ON OWNER		
CASING SIZE	WEIGHT, LB./FT		<u> </u>			ENTING RECORD		- AMOUNT PULLED
8 5/8"	24.0#/ft					2		W/3% CaCl2 .
4 1/2"	10.5#/ft	4048	KB 7					$\frac{w/2\%}{v}$ Econolite,
	-					cele/sx; l		
				l pc				t & 1/4# flocele
9.		NER RECORD		l	30.	TUBING		SX
SIZE	TOP (MD)	SOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SE		PACKER SET (MD)
					1 1/	2" 3700		none
1 PERFORATION REG	Opp (Internal size	and number)	•	1 22 40	ID CITOR	TO A COLUMN COL	VEN 00	<u> </u>
Pic. Cliff	corp (Interval, size s w 3-1/8" g	un - 2 JSF	F			FRACTURE, CE		MATERIAL USED
3684-369	2 - 25 holes 3 - 13 holes			DEPTH INTERVAL				
3692-370	0 - 17 holes	3		3670-372	9			HCL acid w/132
3702-3704 3707-3709			ameter)					ll sealers;
3718-372	9 - 23 holes					$\frac{75,000 \text{ ga}}{\text{w}/100,000}$		quality foam
3.•			PROI	OUCTION		973,400 S		
ATE FIRST PRODUCT	ION PRODUCT	TION METHOD (FI		umping—size and t	ype of pum			US (Producing or
1/27/89		flowing					shut-in)	ducing
ATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR	OIL-BBL.	GAR-MC	F. WATER-		GAS-OIL BATIO
1/27/89	3	3/4"	TEST PERIOD	-0-	198	_	0-	N/A
LOW. TUBING PROCE.	CABING PRESSURE	CALCULATED	OIIBBI	GAS-MCF.		WATERHBL.		GRAVITT-API (CORR.)
90	1085	24-HOUR BATE	-0-	1586	Ť	-0-		N/A
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5. LIST OF ATTACH	MENTS							all ren areend
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6. I hereby certify	that the foregoing	and attached infe	ormation is comp		determine	i from all availa	ble record	*0 0.7 1000
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SIGNED	MW 14 11	1000	TITLE	Petroleum	Engine	<u> </u>	DATE	2/3/89
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*(See Instructions and Spaces for Additional Data on Reverse Side)

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P O. BOX 2088 ENERGY AND MINIERALS DEPARTMENT SANTA FE. NEW MEXICO 87501

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

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ESS Farmington, NM 874 tion clearly and in accordance w & 1072' FWL 15. ELEVATIONS (Show wh 7074' GL & Appropriate Box To Indicentation to: PULL OR ALTER CASING MULTIPLE COMPLETE ABANDON* CHANGE PLANS	RTS ON WELLS or plug back to a different reservoir. or such proposals.) Pith any State requirements.* TO86' RKB cale Nature of Notice, Report, or Other State Shut-off FRACTURE TREATMENT SHOOTING OR ACIDIZING (Other) Cement bond (Note: Report results of	ESPAIRING WELL ALTERING CASING ABANDONMENT* d log f multiple completion on Well lion Report and Log form.)
ESS Farmington, NM 874 tion clearly and in accordance w & 1072' FWL 15. ELEVATIONS (Show wh 7074' GL & Appropriate Box To Indicentation to: PULL OR ALTER CASING MULTIPLE COMPLETE ABANDON* CHANGE PLANS	Tether OF, ST. CR. etc.) 7086 'RKB cale Nature of Notice, Report, or Other Subsequent WATER SHUT-OFF FRACTURE TREATMENT SHOOTING OR ACIDIZING (Other) (NOTE: Report results of Completion or Recompletion	Jicarilla 459 9. WELL NO. 8 10. FIELD AND POOL, OR WILDCAT East Blanco P.C. 11. SEC., T., B., M., OR BLK. AND SURVEY OR AREA Section 17, T30N, R3W 12. COUNTY OR PARISH 13. STATE RIO Arriba NM her Data NT EMPORT OF: BEPAIRING WELL ALTERING CARING ABANDONMENT* d log f multiple completion on Well thou Report and Log form.)
Farmington, NM 874 tlog clearly and in accordance w & 1072' FWL 15. ELEVATIONS (Show wh 7074' GL Appropriate Box To Indice INTENTION TO: PULL OR ALTER CASING MULTIPLE COMPLETE ABANDON* CHANGE PLANS	Tether OF, ST. CR. etc.) 7086 'RKB cale Nature of Notice, Report, or Other Subsequent WATER SHUT-OFF FRACTURE TREATMENT SHOOTING OR ACIDIZING (Other) (NOTE: Report results of Completion or Recompletion	Jicarilla 459 9. WELL NO. 8 10. FIELD AND POOL, OR WILDCAT East Blanco P.C. 11. SEC., T., B., M., OR BLK. AND SURVEY OR AREA Section 17, T30N, R3W 12. COUNTY OR PARISH 13. STATE RIO Arriba NM her Data NT EMPORT OF: BEPAIRING WELL ALTERING CARING ABANDONMENT* d log f multiple completion on Well thou Report and Log form.)
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S 1072' FWL IS. REEVATIONS (Show what is a secondarie with the se	rether of. St. CR. etc.) 7086 RKB cale Nature of Notice, Report, or Other Subsequent WATER SHUT-OFF FRACTURE TREATMENT SHOOTING OR ACIDIZING (Other) Cement bond (Note: Report results of Completion or Recompleted	East Blanco P.C. 11. SEC., T., B., M., OR BLE. AND SURVEY OR AREA Section 17, T30N, R3W 12. COUNTY OR PARISH 13. STATE RIO Arriba NM her Data MT ERPORT OF: BEPAIRING WELL ALTERING CASING ABANDONMENT* d log f multiple completion on Well thous Report and Log form.)
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15. ELEVATIONS (Show what is not be a seen as a see a	TOS6' RKB caie Nature of Notice, Report, or Other Subsequent water shut-off practure treatment shooting or activing (Other) Cement bond (Note: Report results of Completion or Recompleted	Section 17, T30N, R3W Section 17, T30N, R3W 12. COUNTY OR PARISH 13. STATE RIO Arriba NM ther Data MT EBPORT OF: REPAIRING WALL ALTERING CASING ABANDONMENT* ABANDONMENT* X Including estimated data of starting and appropriated data of starting appropriate data of starting appropriat
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7074 GL Appropriate Box To Indice INTENTION TO: PULL OR ALTER CASING MULTIPLE COMPLETE ABANDON* CHANGE PLANS	7086' RKB cale Nature of Notice, Report, or Other Subsequent WATER SHUT-OFF FRACTURE TREATMENT SHOOTING OR ACIDIZING (Other) Cement bond (Note: Report results of Completion or Recompletion or Recomple	ther Data INT EBPORT OF: REPAIRING WELL ALTERING CASING ABANDONMENT* ABANDONMENT* X Including expert and Log form.)
PULL OR ALTER CASING MULTIPLE COMPLETE ABANDON® CHANGE PLANS	WATER SHUT-OFF PRACTURE TREATMENT SHOOTING OR ACIDIZING (Other) Cement bond (Note: Report results of Completion or Recomplete	ESPAIRING WELL ALTERING CASING ABANDONMENT* AMAIGN ON Well thou Report and Log form.)
PULL OR ALTER CASING MULTIPLE COMPLETE ABANDON® CHANGE PLANS	WATER SHUT-OFF PRACTURE TREATMENT SHOOTING OR ACIDIZING (Other) Cement bond (Note: Report results of Completion or Recomplete	ESPAIRING WELL ALTERING CASING ABANDONMENT* AMAIGN ON Well thou Report and Log form.)
PULL OR ALTER CASING MULTIPLE COMPLETE ABANDON* CHANGE PLANS	PRACTURE TREATMENT SHOOTING OR ACIDIZING (Other) Cement bond (Note: Report results of Completion or Recomplet	altering casing abandonment* d log f multiple completion on Well thou Report and Log form.)
	(Norm: Report results of Completion or Recompletion	f multiple completion on Well tion Beport and Log form.)
D OPERATIONS (Clearly state all pirectionally drilled, give subsurfa	Completion or Recompleti	ncluding estimated date of starting any
n operations (Clearly state all pairectionally drilled, give subsurfa	pertinent details, and give pertinent dates, in see locations and measured and true vertical o	depths for all markers and sones perti-
A TOTAL A CAN REX 100	/88 showing top of cement a	at 1050'. (Log attached)
Cord Title		NOV 10 1988 FARMINGTON RESOURCE AREA
	Cord	TITLE Petroleum Engineer Cord Title Little

Title 13 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.

orm 3160–5 November (983) Formerly 9–331)	UNITE DEPARTMENT	D STATES OF THE INTERI	SUBMIT IN TRIPLICATES (Other instructions on re	
	BUREAU OF L	AND MANAGEMENT		Jicarilla Contract 4
CLINI	DRY NOTICES A	ND DEPORTS C	N WELLS	G. IF INDIAN, ALLOTTER OR TRIBE NAM
Do not use this	form for proposals to dril	l or to deepen or plus be	ack to a different reservoir.	
	Um "APPLICATION FO	R_PERMIT for such pr	oposais,7	Jicarilla Apache Tri
Oft. 77 6A4 (_	1.15:11-13:14 h		7. UNIT AGREEMENT NAME
WELL - WELL	X OTREE		7:111	
NAME OF UPERATOR		-4 SOV 15	1960 411	S. FARM OR LEASE NAME
Robert L.	Bayless			Jicarilla 459
ADDRESS OF OPERATOR		The same of the sa	na mirelen	9. WELL NO.
P.O. Box	168, Farmington	NM 87499		8
LOCATION OF WELL (Re See also space 17 below	port location clearly and	in accordance with any S	Itate requirements.*	10. FIELD AND POOL, OR WILDCAT
At surface	'' FNL & 1072'	RIJI	·	East Blanco P.C.
207	FNL & IO/2	. M.T.		11. SEC., T., E., M., OR BLE. AND SURVEY OR ASSA
				Section 17, T30N, R3
. PERMIT NO.	IS. BLEV	ATIONS (Show whether DF.	RT. GR. etc.)	12. COUNTY OR PARISE 13. STATE
_	į	7074' GL 708	36' RKB	Rio Arriba NM
	- <u> </u>			
	Check Appropriate	e pox to indicate No	ature of Notice, Report, or C	Amer Mata
ж	TICE OF INTENTION TO:	1	PARRED	DENT REPORT OF:
TEST WATER SHCT-OFF	PULL OR AL	TER CASING	WATER SHUT-OFF	REPAIRING WELL
FRACTURE TREAT	MULTIPLE C		FRACTURE TREATMENT	ALTERING CASING
SHOOT OR ACIDIZE	ABAMDOM*		SHOOTING OR ACIDIZING	ABANDONAENT*
REPAIR WELL	CHANGE PLA	,xe	<u> </u>	longstring
(Other)			(Nors: Report results	of multiple completion on Well etion Report and Log form.)
	MAKGTON, KETA MEALOO			CE COLLEGE
ICNED Kevin H	# -			
APPROVED BYCONDITIONS OF APPR	or State office use)	TITLE	etroleum Engineer	DATE

Title 13 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 Gise. Economics or fraudulent statements or representations as to any matter within its jurisdiction.

ROBERT L. BAYLESS

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

JICARILLA 459 #8
Section 17, T30N, R3W
287' FNL & 1072' FWL
Rio Arriba County, New Mexico

DAILY REPORT

10/23/88 Spud well at 3:00 PM on 10/22/88. Drilled 137' of 12 1/4"

surface hole. Ran 3 its. of 8 5/8" 24#/ft surface casing

(19.24 ft.) and set at 132' RKB. Rigged up Cementers. Inc.

Cemented surface with 150 sx of Class B cement with 3% CaCl2.

Good circulation throughout job. Circulated cement to surface. Plug down at 8:15 PM on 10/22/88. Wait on cement 6 hours. Nipple up and test BOP. Drill cement.

10/24/88 Drilling ahead at 1900'.

10/25/88 Drilling ahead at 2766'.

10/26/88 Drilling ahead at 3466'.

10/27/88 TD well at 5:45 AM on 10/27/88. Circulate and condition hole for logs.

10/28/88 Circulate and condition hole for logs. Short trip (25 stands). Circulate on bottom for 1 3/4 hrs. (wait on loggers). Trip out of hole for logs. Rigged up Welex. Ran IEL, CNL, FDC logs from TD of 4072 ft. Trip in hole with drillpipe. Lay down drillpipe and collars. Ran 95 jts. of 4 1/2" 10.5#/ft J-55 new casing (Domestic-Maverick) as follows:

Description	Length	<u>Depth</u>
KB to landing point 94 jts. 4 1/2" 10.5#/ft J-55 new casing	12.00	0- 12
(Domestic-Maverick) 1 DFFC		12-4003 4003-4005
1 jt. 4 1/2" 10.5#/ft casing	42.70	4005-4047
1 cement filled guide shoe	<u>. 85</u> 4048.24	4047-4048

Centralizers at 4026, 3961, 3748, 3706, 3663 and 3588. Rigged up Halliburton. Cemented longstring with 300 sx (618 ft³) of Class B cement with 2% Econolite and 1/4# flocele/sx, tailed by 175 sx (221 ft³) of 50/50 pozmix with 2% gel, 10% salt and 1/4# flocele/sx. Good circulation throughout job. Did not bump plug. Float held. Plug down at 6:00 AM on 10/28/88. Released rig. Wait on completion.

	UNITED STATES RTMENT OF THE INT		5. LEASE DESIGNATION AND SERIAL NO.
SUNDRY N	OTICES AND REPORT	TS, ON WELLS	G. IP INDIAN, ALLOTTES OR TRIBE NAME
Ute "API	proposals to drill or to deepen of PLICATION FOR PERMIT—" for a	plug back to a different reservoir.	Jicarilla Apache Tribe
WELL WELL X OTH 2. NAME OF OPERATOR	88 (1) (1)	Mary 19 Carlot Carrier Commence	S. FARM OR LEASE HAME
Robert L. Bayle	ess Tones		Jicarilla 459
3. ADDRESS OF OPERATOR			9. WELL NO.
	'armington, NM 87499 too clearly and in accordance with		10. FIELD AND POOL, OR WILDCAT
See also space 17 below.) At surface 287' FNL	& 1072' FWL		East Blanco P.C. 11. EBC., T., S., M., OR BLE, AMD SURVEY OR ARMA
14. PERMIT NO.	15. ELEVATIONS (Show wheth	ner ng 87 GB etc.	Section 17, T30N, R3W
IT. Fandi. 30.	i -	7086' RKB	Rio Arriba NM
to. Check	Appropriate Box To Indica	te Nature of Notice, Report, o	•
NOTICE OF I	NTENTION TO:	WATER SHUT-OFF	REPAIRING WELL
FRACTURE TREAT	MULTIPLE COMPLETE	PRACTURE TREATMENT	ALTERING CASING
SHOOT OR ACIDIZE	ABANDON*	SHOOTING OR ACIDIZING	ABANDONMENT®
(Other)	CHANGE PLANS	(Nors : Report res	rice: cement casing X multiple completion on Well completion Report and Log form.
SEE ATTACHED DA	AILY REPORT 10/23/88		
•			
3. I hereby certify that the foregoin	g is true and correct		
SIGNED Win I N Revin H. McCo	M Cloud TITLE	Petroleum Engineer	DATE10/25/88
(This space for Federal or State			
APPROVED BYCONDITIONS OF APPROVAL, I	F ANY:		DATE

*See Instructions on Reverse Side

ROBERT L. BAYLESS

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

JICARILLA 459 #8
Section 17, T30N, R3W
287' FNL & 1072' FWL
Rio Arriba County, New Mexico

DAILY REPORT

10/23/88 Spud well at 3:00 PM on 10/22/88. Drilled 137' of 12 1/4" surface hole. Ran 3 jts. of 8 5/8" 24#/ft surface casing (119.24 ft.) and set at 132' RKB. Rigged up Cementers, Inc. Cemented surface with 150 sx of Class B cement with 3% CaCl2. Good circulation throughout job. Circulated cement to surface. Plug down at 8:15 PM on 10/22/88. Wait on cement 6 hours. Nipple up and test BOP. Drill cement.

SUBMIT IN TRIPLICATE*

(Other instructions on reverse side)

Form approved. Budget Bureau No. 1004-0136 Expires August 31, 1985

UNITE	ED S	STATI	ES
DEPARTMENT	OF	THE	INTERIOR-

	DEPARTMENT	OF THE	INTERI	OR-DEEMED		5. LEASE DESIGNATI	ON AND SERIAL NO.	
	BUREAU OF	LAND MANA	GEMENT	HAMI STAM	<u>. </u>	Jicarilla	Contract 459	
APPLICATION	N FOR PERMIT	O DRILL,	DEEPE	N, OR PLUG B	ACK	6. IF INDIAN, ALLOT	TEN OR TRIBE NAME	
a. TYPE OF WORK			ان دد	UL 1-7 ATT 1: L	?	Jicarilla	Apache Tribe	
DR	ILL X AMENDED	DEEPEN		PLUG BAC	CK 🗌	7. UNIT AGREEMENT	NAME	
b. TYPE OF WELL		ce original	APD S	ubmitted 5/16	/88)			
WELL W			ZON	MULTIP ZONE	<u> </u>	8. FARM OR LEASE	NAME	
2. NAME OF OPERATOR						Jicarilla 9. WELL NO.	459	
Robert L. B. Address of Operator		11127 7 5 10	<u>20 11.</u>	1		9. WELL NO.		
		(A.)	كالر ".			8 10. FIELD AND POOR	OP WITDOM	
LOCATION OF WELL (R	168, Farmington teport location clearly and	NM 87499	th any Sta	te requirements.*)			ANCO P.C.	
At surface 287	FNL & 1072 -FV	VL The second		, , , , , , , , , , , , , , , , , , ,		W-11dcat		
		일하고 존하다		,		AND SURVEY OR	ARKA	
At proposed prod. zor	^{ne} same					Section 17	, T30N, R3W	
4. DISTANCE IN MILES	AND DIRECTION FROM NEAR	REST TOWN OR POS	T OFFICE.			12. COUNTY OR PARI	SH 13. STATE	
			*			Rio Arriba	NM	
5. DISTANCE FROM PROP	USED.			OF ACRES IN LEASE		F ACRES ASSIGNED	1 1411	
LOCATION TO NEARES PROPERTY OR LEASE ! (Also to nearest dr)	LINE, FT.			x. 2267	TO TI	HIS WELL 160		
S. DISTANCE FROM PROI	COSED LOCATION*		19. PROP	ular sections OSED DEPTH	20. ROTA	TABY OB CABLE TOOLS		
TO NEAREST WELL, D OR APPLIED FOR, ON TH	ORILLING, COMPLETED, HIS LEASE, FT.			4075'		0 - TD	•	
1. ELEVATIONS (Show wh	ether DF, RT, GR, etc.)	DRILLING OPER	ÁTIONS A	UTHORIZED ARE		22. APPROX. DATE	WORK WILL START	
7074' GL	7086' RKB	SUBJECT TO CO	IMPLIANCI	E WITH ATTACHED		tion is subject to	inchales) and	
3.		GENERAL REU PROPOSED CAS	ING AND	S EMĒNTING PROGRAM	This ac	don is subject to iral review nursu:	ant to 43 CFR 316	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER F		SETTING DEPTH		bear thichtang pe	13 CFR 3185.4.	
9-7/8"	7-5/8"		-	125'	60 02	Class B - 7	1 f+ 3	
6-3/4"	4-1/2"	26.4# 11.6#		4075'	200 8	$\frac{\text{Class B} - 7}{\text{sx}}$ 50/50 pozm	$\frac{1}{1}$ iv = 252 ft	
0-3/4	4-1/2	<u> </u>			200_3	SA 30/30 POZII	<u> </u>	
4075' of 4-1/ and 10% salt. trol additive tion and Dens	B cement, circul 2" 11.6#/ft J-55 Circulating me s. No abnormal ity Logs. Blowe	o casing and casing and casing and casing and case of the case of	nd ceme be cle or tem er sch	nt with 252 fo ar water, nato peratures are	t 50/5 ural mu antici	50 pozmix wit id and water ipated. Will	h 2% gel loss con- run Induc-	
formation is	not dedicated to	o a gas con	itract.					
	ESTIMATED T	Kirt	Alamo land	- 3190' - 3417'	2 (m)			
			tland	- 3546'	** *	`SEPZ gigt	· 5	
				liffs - 3749') 5	
			r P.C.		dra dra		- 4 4 × 1	
			ıl Dept			مصافعاً الرابع مصافعاً المعاملة المصافعة	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	
	: PROPOSED PROGRAM: If p drill or deepen directions:							
eventer program, if an								
1	md 1							
SIGNED	M. Bayless	TIT	TLE	Engineer		DATE7	/18/88	
(This space for Fede	ral or State office use)							
nnaver va				ADDOVAL D. TH				
PERMIT NO.			AF	PROVAL DATE		\overline{I}		
ADDBOUPN UV		m ra	· 			DATE AC		
CONDITIONS OF APPROV	AL, IF ANY:						<u> </u>	
NSL-	2576		Nika	occ		1		

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 College Supervedes C-128 Effective 1-1-6

FORM 24-11

All distances must be from the outer boundaries of the Section

ь.		All distances must be from	414 00(4) 00(2)421101 0	110 300110111							
Operator ROBERT	L. BAYLFSS	L•	JICARILLA 4	59	Well No. 8						
Unit Letter C	Section 17	Township 30 N	Range 3 W	County RIO ARRIBA							
Actual Footage Loca				West							
287	feet from the	North line and		t from the	line						
Ground Level Elev. 7094 79	Producing For	1	ol <i>E. RIAN CO</i> Undesignated P	ictured Cliffs	dicated Acreuge:						
1. Outline th	e acreage dedica	ted to the subject well	by colored pencil o	or hachure marks on the	plat below.						
	an one lease is d royalty).	dedicated to the well, o	outline each and ide	entify the ownership the	reo: (both as to working						
	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 as	nawer is "yes;" type of c	onsolidation								
II angwes		owners and tract descrip		ctually been consolidate	ed (Ilaa savaraa aida of						
	is no, list the incessary.)	owners and tract descrip	GOIR MILES STATE		ed. (OBE TEVELSE BIDE OF						
		ed to the well until all in									
sion.	ling, or otherwise,	or until a non-standard u	mit, etiminating suc	en interests, has been a	pproved by the Commis-						
h	VEST		80.00cm.		CERTIFICATION						
c)		1		Fel.	•						
< 10701 - X	87.		ı I	I hereby cer	tify that the information con-						
1072	12	.	İ	tained herei	n is true and complete to the						
	l .		l *	best of my k	nawledge and belief.						
			1	i levi	n H. Myoux						
	1 		1 1	O Name	H. McCord						
	+			O Position							
	1		1	Petrole Company	eum Engineer						
	į		I .		L. Bayless						
:				Date	20,1988						
	i Se	ic.] 								
					artify that the well-location						
		17		shown on th	is plat was platted from field tual surveys made by me or						
Į.		1 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		under my su	pervision, and that the same						
			9E2 31988	hoewledge a	correct to the best of my nd bellef.						
	-	ې هد. د خم		3,7	4-28=48						
					W. E. MALL						
	1		i !	S Willy	ADM: WESTWARE III						
			† 	Hediatered 3in	#8466 S						
FJ.			1	Certificate	PAROMENTAL LINGS						
	lest		79.80 cm		MORAS BNAL UM						