

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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BLM

SUNDRY NOTICES AND REPORTS APPROVED AM 10:08  
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  
SAN ALBUQUERQUE, N.M.

FORM APPROVED  
Bureau Form 1560-1 (10A-012)  
Expires March 31, 1993

SUBMIT IN TRIPLICATE		5. Lease Designation and Serial No JIC 464
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Alote or Tribe Name JICARILLA APACHE
2. Name of Operator Mallon Oil Company		7. If Unit or CA Agreement Designation N/A
3. Address and Telephone No P.O. Box 3256, Carlsbad, NM 88220 (505) 885-4596		8. Well Name and No. JICARILLA 464-30 NO. 10
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1700' FNL AND 800' FNL (SW NW) UNIT F SEC. 30. T30N-R03W		9. Well API No 30-039-25788
		10. Field and Pool, or Exploratory Area East Blanco, Pictured Cliffs
		11. County or Parish, State RIO ARRIBA, N.M.

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other: Road Change
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> 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 proposes to change routing of the lease road to further minimize surface disturbance.  
Attached is the Arc Clearance and a map of the proposed access road.  
The lease change was approved by the Jicarilla Tribal Agency at the onsite on April 6, 1998.

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APR 15 1998  
OIL CON. DIV.  
DIST. 3

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

Signed M. Bay Davis Title Production Analyst Date 4/8/98

(THIS SPACE FOR FEDERAL OR STATE OFFICE USE)

Approved By Patricia Hester Title Lands and Mineral Resources Date 4/13/98

Conditions of approval, if any:

VELARDE ENERGY SERVICE  
Dulce, New Mexico  
Cultural Resources Survey Report

Cultural Resource Survey: Archaeological Survey of Four Well Locations and Six Pipeline/Access 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: Bob Larson, Daggett Inc.

Report Number: CR-98-539

Date of Report: 27, March 98 Date of Survey: 25 & 26, March 98

Sponsor Name and Address: Terry Lindeman, Mallon Oil Company, 408 S. Halagueno, Carlsbad, NM 88220.

PROJECT #1 INFORMATION

Project Name/Designation: Pipeline/Access to Jicarilla 464-30 #10

Description of Undertaking: Construct pipeline and access

Nature of Federal Involvement: Under Bureau of Indian Affairs Jurisdiction

Size of Project Area: A linear area 408 feet in length and 40 feet in width (408' x 40') for a total of 0.37 acre (Figure 4).

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 30, Township 30 North, Range 3 West.

UTM Coordinates: Zone 13; 304,020 mE; 4,073,040 mN (tie-in)

Distance/Direction from local landmarks/geographic features:  
The project ties-in along the western boundary of the Jicarilla Apache Reservation.

## ENVIRONMENTAL SETTING

Topographic Situation: A hillside is the project's setting.

Drainage: A drainage is to the west.

Geology and Soils: The soil is partly disturb and partly a sandy loam.

Vegetation Communities and Local Flora: The local flora consists of *Artemisia tridentatum* (sage), and (blue grama), (Juniper), *Echinocactus* (barrel cactus), and *Gutierrezia sarothrae* (snakeweed).

Elevation (feet): 7180' - 7200'

## SURVEY

Dimensions & Acreage: Same as project area.

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

Previous Surveys: None

Previous Disturbance: The access follows an existing road.

## CULTURAL RESOURCES

Sites: None

Isolated Occurrences: None

Isolated Artifacts: None

## RECOMMENDATIONS

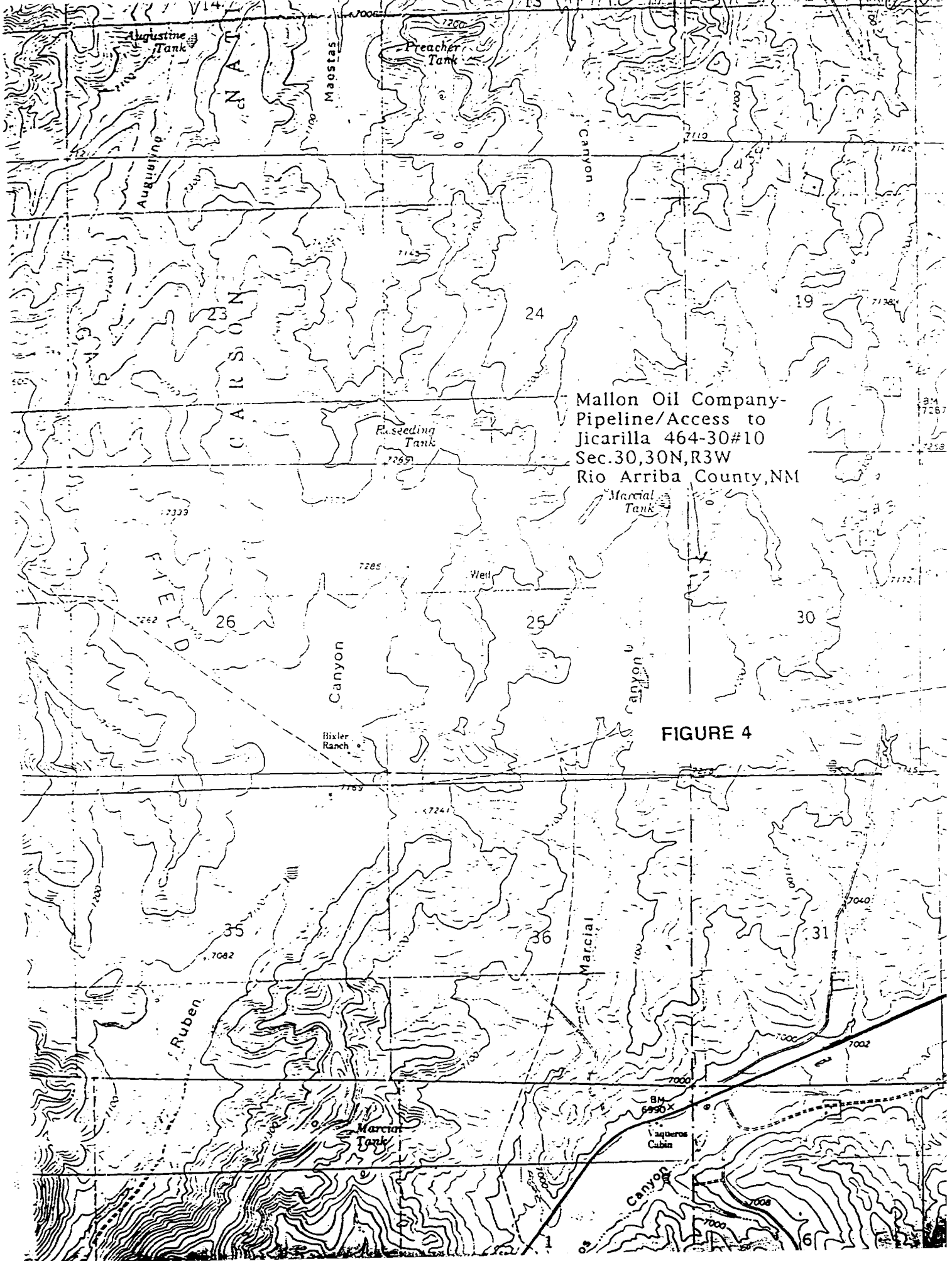
Archaeological clearance is recommended for Jicarilla 464-30 #10.

Attachments: Project Location Map: Figure 4

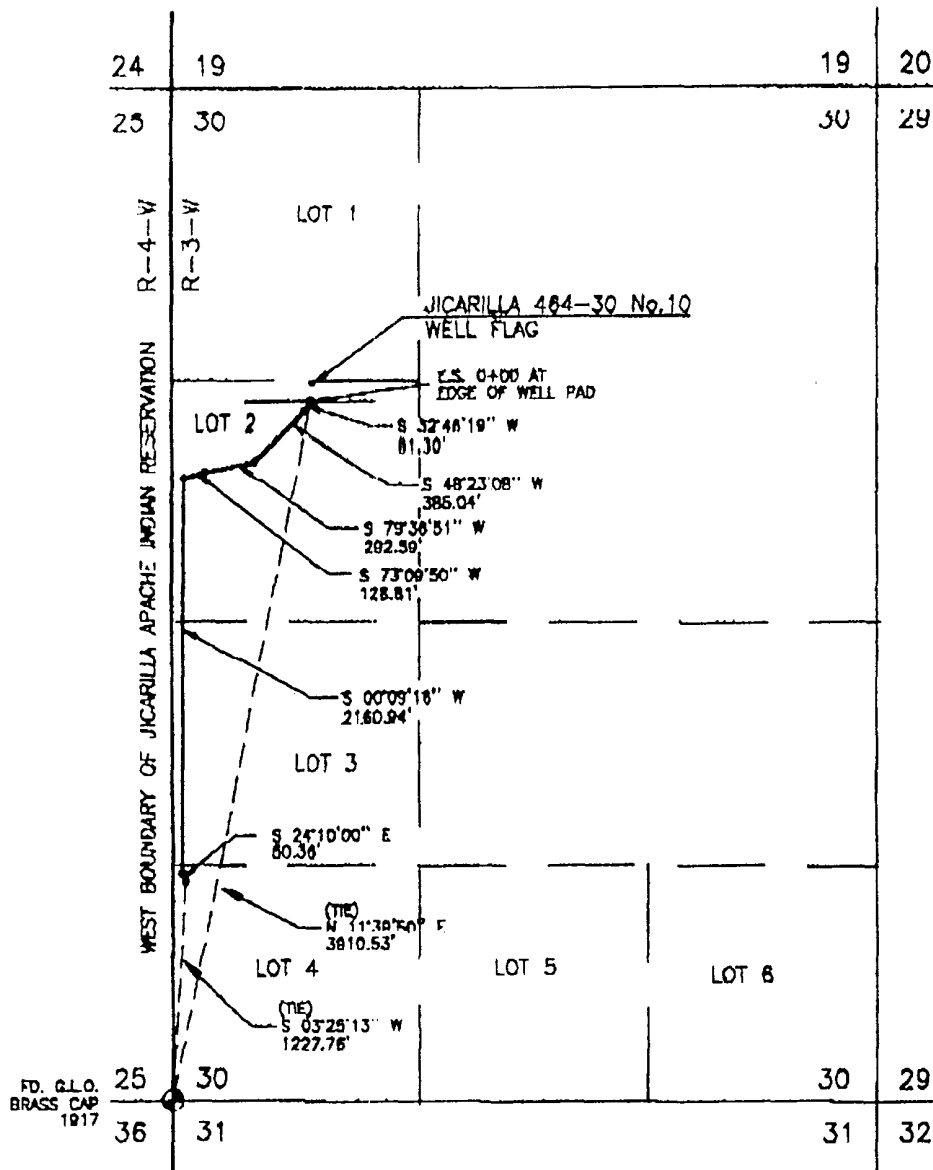
## REFERENCES

Museum of New Mexico  
1986

Archaeological Records Management System. Laboratory of  
Anthropology, Santa Fe. New Mexico.



A SURVEY FOR  
MALLON OIL CO.  
JICARILLA 464-30 No.10  
PROPOSED PIPELINE AND ACCESS ROAD  
SECTION 3, TOWNSHIP 30 NORTH, RANGE 3 WEST, N.M.P.M.  
RIO ARRIBA COUNTY, NEW MEXICO



- NOTES:
- 1) BASIS OF BEARING: SOLAR OBSERVATIONS
  - 2) DATE OF FIELD SURVEY: 3/28/98

OWNER	STATION	FT./RODS
JICARILLA APACHE IND. RESERV.	E.S. 0+00 TO E.S. 30+75.04	3079.04/105.81



0 500 1000  
SCALE: 1"=1000'



DATE: 3-27-98

I, ROY A. RUSH, NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY. THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.



**Daggett Enterprises, Inc.**  
Surveying and Oil Field Services  
P. O. Box 2789 Farmington, NM 87499  
Phone (505) 328-1772 Fax (505) 328-8019  
REGISTERED LAND SURVEYOR  
NEW MEXICO No.8804

REVISION    REV. BY    DATE