SUBMIT IN TRIPLICATE.

(Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

UNITED	STATES	,
DEPARTMENT OF	THE I	NTERIOR

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GEOLOGICAL SURVEY					NN 18319	18 223			
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	VELL OTHER		SINGLE MULT	TIPLE	8. FARM OR LEASE NAM	(E			
2. NAME OF OPERATOR					CONOCO 29 -	4			
3. ADDRESS OF OPERATOR	AL CILCO			···	9. WELL NO.				
PO.Box 460 4. LOCATION OF WELL (F	HOBBS, N.M. 8 Report location clearly and	8240 In accordance with	any State requirements.*)		10. FIELD AND POOL, O	FER			
	+ 990'FEL				11. SEC., T., R., M., OR E AND SURVEY OR AR	LK. EA			
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	AND DIRECTION FROM NEAR	REST TOWN OR POST	OFFICE*		SEC. 24 T 2 12. COUNTY OR PARISH	13. STATE			
					ROARRIBA	N.M			
15. DISTANCE FROM PROP LOCATION TO NEARES PROPERTY OR LEASE	T	1	6. NO. OF ACRES IN LEASE		OF ACRES ASSIGNED HIS WELL				
(Also to nearest dri 18. DISTANCE FROM PROI	g. unit line, if any)		9. PROPOSED DEPTH		ARY OR CABLE TOOLS	AGREEMENT NAME OR LEASE NAME (OCD 29-4 NO. D AND POOL, OR WILDCAT A C S S S S S S S S S S S S S S S S S S			
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6882'6L					MARCH 10.1	979			
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PERMIT NO.			APPROVAL DATE						
APPROVED BY CONDITIONS OF APPROV	, ,	TITLE			DATE	VE			
BEL FOLD.		*See Instructi	ions On Reverse Side		3 1221	979			

Light

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

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

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

Operator					Lease				Well No.	
CONT INENTA	LOI	L COMPANY				0 29-1;			11	
Unit Letter	Section		Township		Rong		County			
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				-		-		marks on the plat		
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Yes		No If an	swer is '	'yes;" type of	consoli	dation		······································		
If answer in this form it			owners ar	nd tract descri	ptions	vhich have ac	tually bee	en consolidated. (Use reverse side of	
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ATTACHMENT TO FORM 9-331 C APPLICATION FOR PERMIT TO DRILL

Continental Oil Company
Conoco 29-4 Nos. 11 and 12
T29N R4W
Rio Arriba County, New Mexico

- 1. The geologic name of the surface formation is cretaceous.
- 2. The estimated tops of important geologic markers are shown on the attached Proposed Well Plan.
- 3. The estimated depths at which anticipated water, oil, gas or other mineral-bearing formations to be encountered are shown on attached Proposed Well Plan.
- 4. The proposed casing program is as follows:
 - 0 250' 8 5/8", 24#, K-55, ST&C 0 3900' $4\frac{1}{2}$ ", 10.5#, K-55, ST&C
- 5. A drawing of an API Series 900 Blowout Preventer Specification is attached. Pipe rams and blinds will be checked to 1,000 PSI for 30 minutes when BOP is installed. BOP will be checked when casing string is set and operated daily for checks.
- 6. The proposed mud program is as follows:
 - 0 250' 8.5 9.0 ppg spud mud 250' - 3900' 8.5 - 9.0 ppg fresh water gel
- 7. The auxiliary equipment to be used is:
 - (1) kelly cocks
 - (2) floats at the bit
- 8. It is proposed to run SP-IES log from TD to approximately 250' and GR CAL CNL FDC PDC logs at selected intervals.
- 9. No abnormal pressures or temperatures are expected to be encountered in this well.
- 10. The anticipated starting date for the first well is March 10, 1979, with a duration of approximately seven days for each well.

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PEB:skr

PROPOSED WELL PLAN DUTEME

WELL NAME: CONOCO 27-4No.11

5 .

COUNTY: _ Rio Arriba

LOCATION: 1090'F514990'FEL

STATE: NIM.

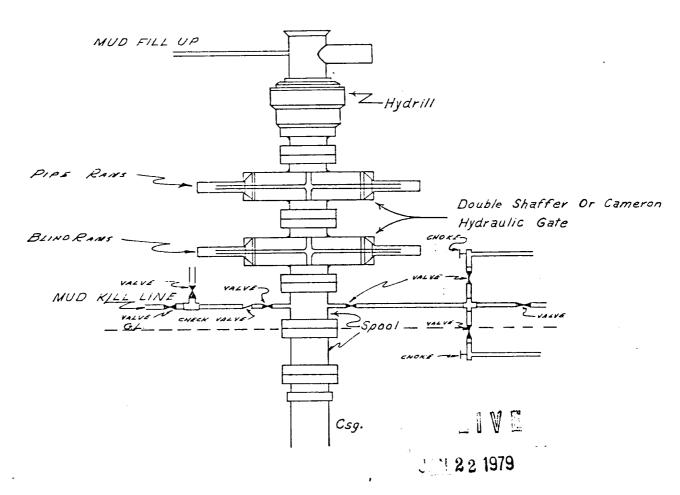
Sec, 24, T29N, R4W

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Prepared by



CONTINENTAL CIL COMPANY Blow-out Preventer Specifications



API SERIES 900

NOTE:

Manual and Hydraulic controls with closing unit no less than 75' from well head. Remote controls on rig floor.

DUE TO SUBSTRUCTURE CLEARANCE, HYDRILL MAY OR MAY NOT BE USED.

SURFACE USE PLAN Continental Oil Company Conoco 29-4 Nos. 11, 12, and 13 T-29N, R-4W Rio Arriba County, New Mexico.

The plan is to accompany "Application for Permit to Drill" the subject wells. The following is a discussion of pertinent information concerning possible effect which the proposed drilling of the well may have on the environment of the well and road sites and surrounding acreage. A copy will be posted on the derrick floor so that all contractors and sub-contractors will be aware of all items of this plan.

1. Existing Roads

- A. The proposed well sites are as follows:
 Well No. 11 1090' FSL and 990' FEL, Section 24
 Well No. 12 1180' FNL and 990' FWL, Section 24
 Well No. 13 1740' FNL and 1460' FWL, Section 13
- B. Exhibit"A" is a portion of a New Mexico road map showing existing roads and location.
- C. The access roads are shown on Exhibits "A" and "B".

2. Planned Access Roads

Refer to the attached archaeological report.

3. Location of Existing Wells

See Exhibit "B"

- 4. Location of Existing and/or Proposed Facilities
 - A. Tank Batteries: none required.
 - B. Gas gathering line to be installed by purchase of produced gas.
 - C. Rehabilitation: Pits will be backfilled and leveled as soon as practical to original condition. Commencement of rehabilitation operations will immediately follow removal of drilling and completion equipment from location and rehabilitation of the surface is planned to be completed within 45 days from commencement.

5. Water Supply

The supply of water will be hauled from La Jara wash located NW/NW Sec. 20, T-29N, R-4W.

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J 2 2 1979

6. Source of Construction Materials

Not applicable. Drilling pad to be compacted.

7. Methods for Handling Waste Disposal

Waste Disposal: Well cuttings will be disposed in reserve pit.

Barrel trash containers to be in accessible locations within drill site area during drilling and completion procedures. All detrimental waste will be hauled away, burned or buried with a minimum cover of 24" of dirt. See Exhibit "D" for location of pits. If well is productive, maintenance waste will be placed in special trash cans and hauled away periodically.

8. Ancillary Facilities

None

9. Well Site Layout

Exhibit "D" shows the relative location and dimensions of the well pad, mud pit, reserve pit, etc.

10. Plans for Restoration of Surface

Pits will be backfilled and leveled as soon as practical to original condition. Commencement of rehabilitation operations will immediately follow removal of drilling and completion equipment from location and rehabilitation of the surface is planned to be completed within 45 days from commencement. Surface will be leveled and properly conditioned as required by USGS after consulting with proper surface managing agency.

11. Other Information

- A. Terrain: "A" through "C" refer to the attached archaeological report.
- B. Soil:
- C. Vegetation:
- D. Surface Use: Suitable for grazing.
- E. Ponds and Streams: La Jara Creek, see Exhibit "B" for relative location with respect to well site.
- F. Water Wells: None within one mile.
- G. Residences and Buildings: None within one mile.

- H. Arroyos, Canyons, Etc: See attached topographic map, Exhibit "B".
- I. Well Sign: Sign identifying and locating well will be maintained at drill site with the spudding of the well.
- J. Open pits: All pits containing mud or other liquids will be fenced.
- K. Archaeological Resources: See attached archaeological report.

2. Operator's Representative

Field personnel who can be contacted concerning compliance of this Surface Use Plan are as follows:

PRODUCTION AND DRILLING

B. E. Anderson Petroleum Center Building Room 215 501 Airport Drive Farmington, New Mexico Phone: (505) 327-9557

L. P. Thompson 1001 North Turner Hobbs, New Mexico 88240 Phone: (505) 393-4141

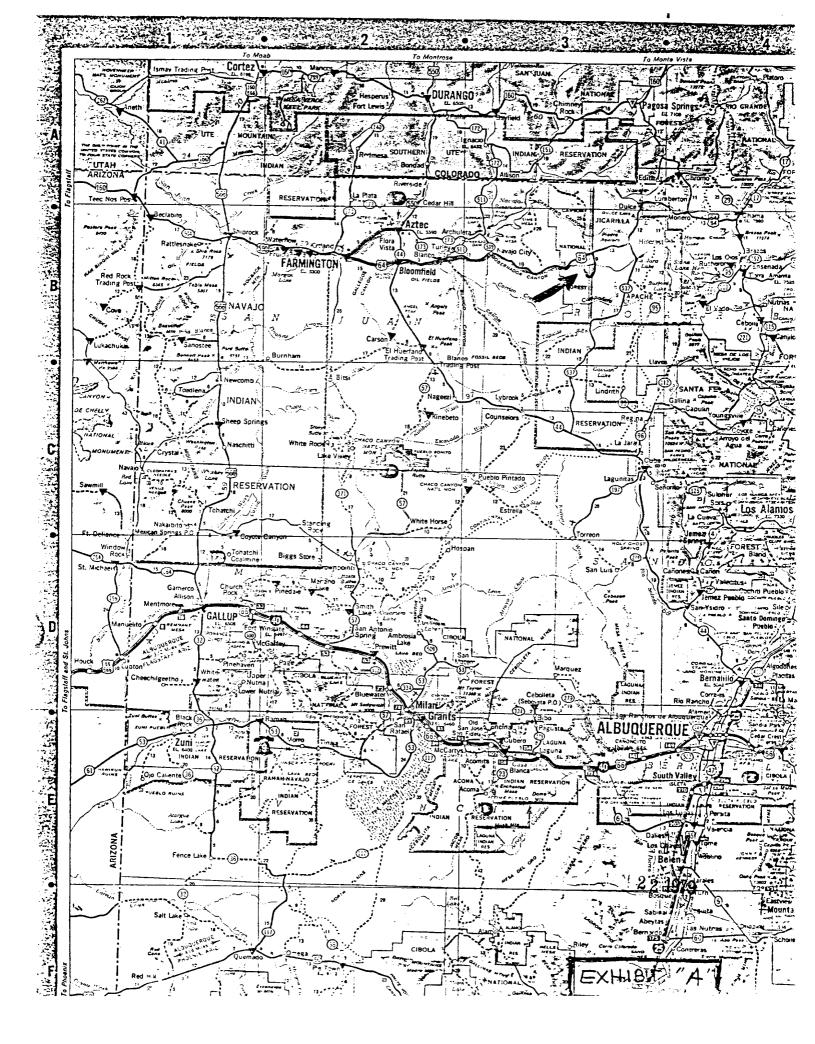
J. R. Kemp 1001 North Turner Hobbs, New Mexico 88240 Phone: (505) 393-4141

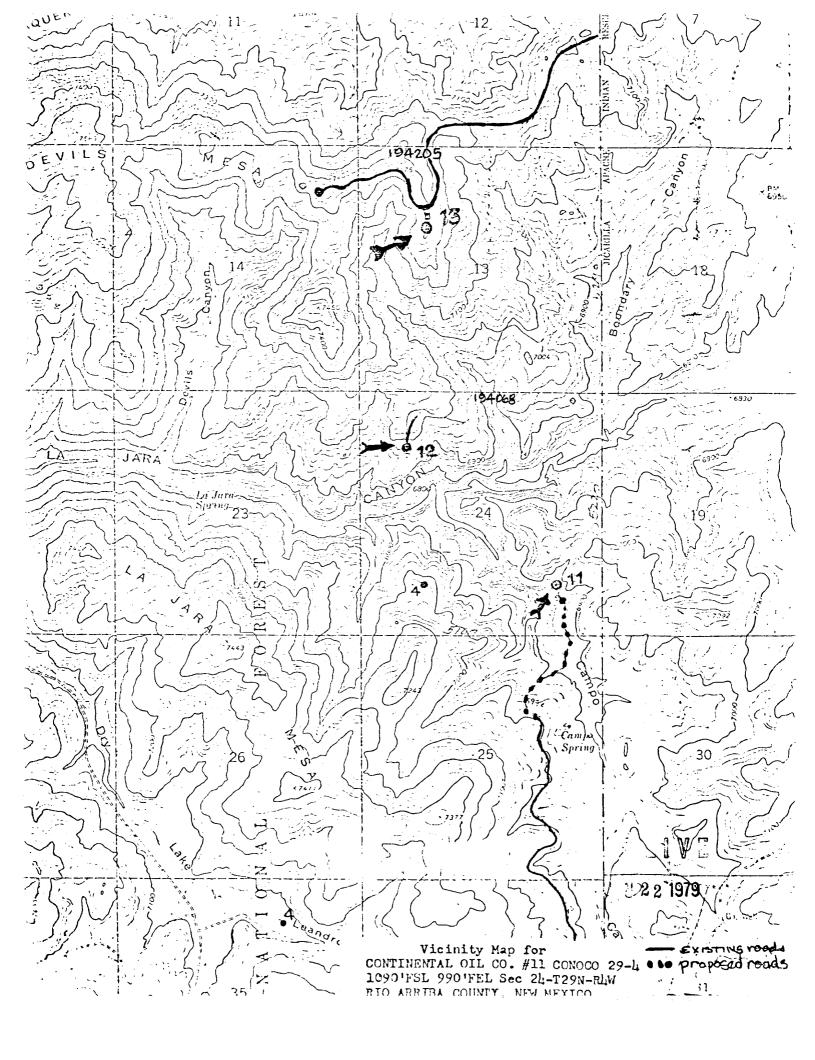
3. Certification

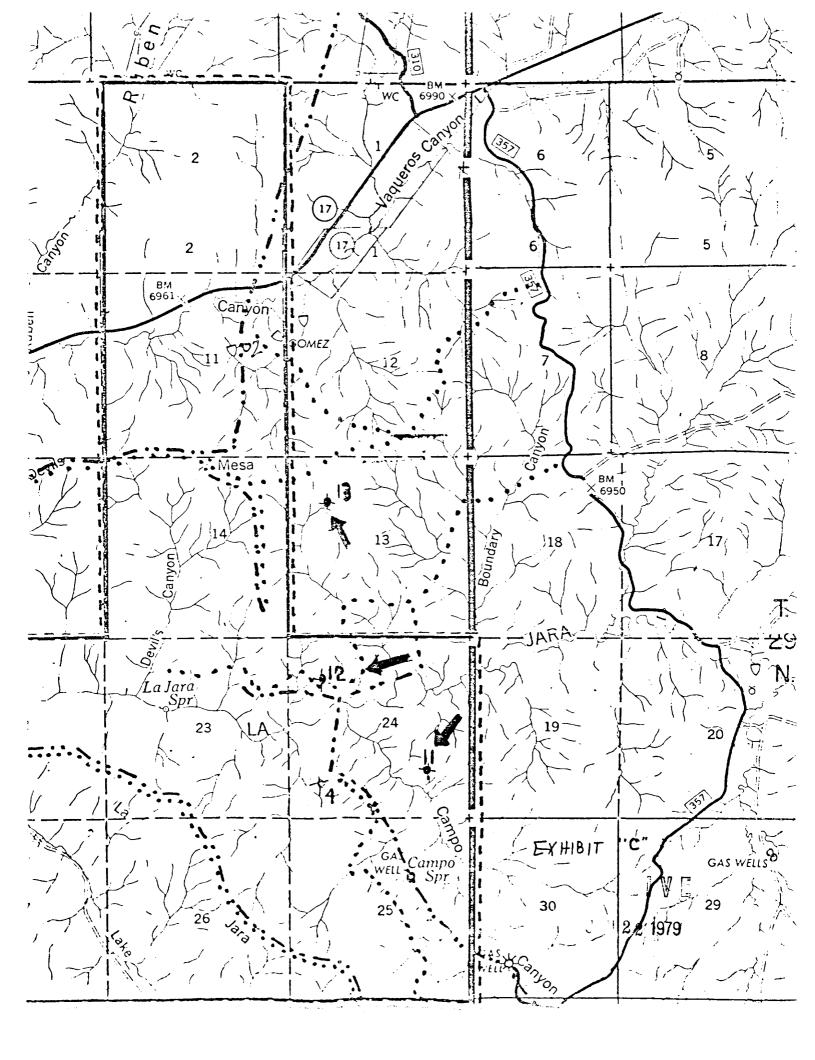
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Continental Oil Company and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

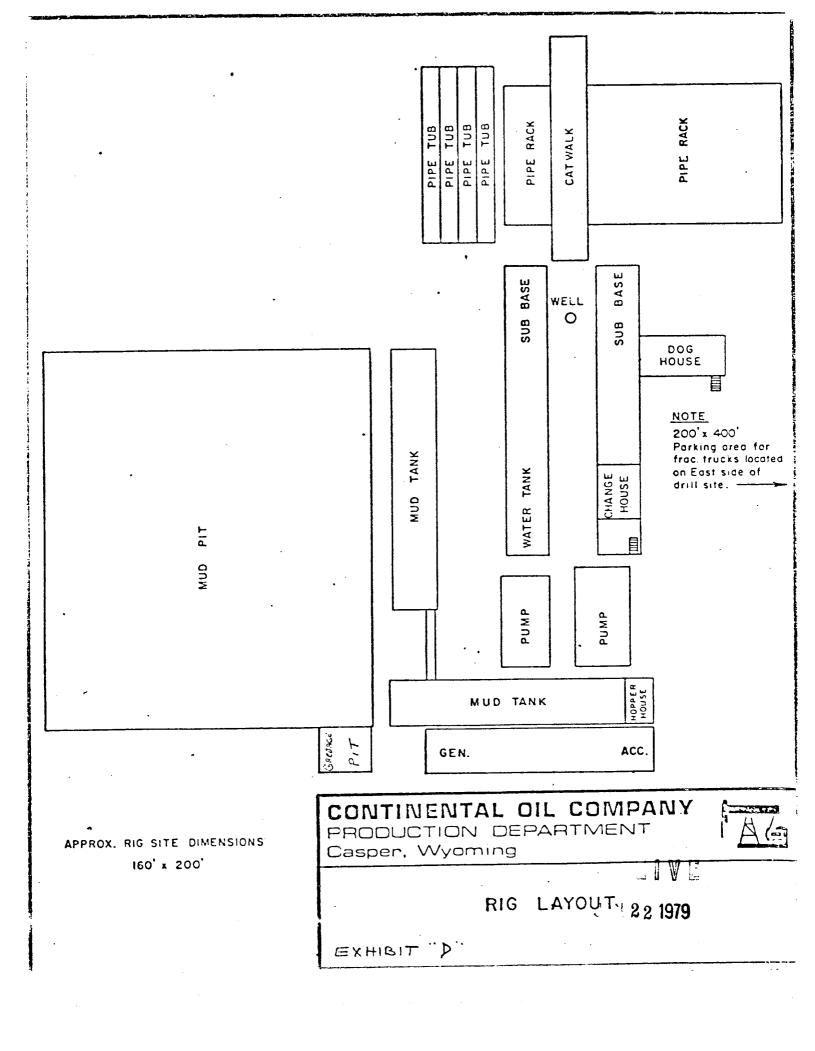
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Report 78-SJC-209 Permit 404-77/NM-084 A New Mexico Service Permit

An Archaeological Clearance Survey of Eight Proposed Wells and Access Routes Conducted for Continental Oil Company

Submitted by,
Billy J. Naylor,
Coordinator and
Dabney Ford
Cultural Resource
Management Program
San Juan Campus
N. M. State University
25 October 1978

An Archaeological Clearance Survey of Eight Proposed Wells and Access Routes Conducted for Continental Oil Company

On October 18 and 19, 1978, Billy J. Naylor and Dabney Ford of New Mexico State University's Cultural Resource Management Program, San Juan Campus, conducted and archaeological clearance survey of eight proposed wells and access roads for Continental Oil Company at the request of Mr. Andrew Anderson of Continental Oil Company and Mr. Joe McKinney of Atchison Construction Company.

Mr. Anderson, Mr. McKinney, and Mr. Fred Kerr of Kerr Land Survey were present during the inspections.

The proposed locations and access roads were inspected by walking transects over a 300 X 300 foot area for the location. The access routes were inspected by walking the length of each in a zig-zag pattern, under Federal Antiquities Permits, 404-77/NM-084 and New Mexico State University's Permit for New Mexico States National Forest Lands.

The most recent listings of the National Register of Historic Places have been consulted and no sites which appear on the Register and no sites which have been nominated to the Register occur on the Project area. The proposal complies with the provisions of the Historic Preservation Act of 1966 and with Executive Order 11593. It is recommended that archaeological clearance be given.

Proposed Well: CONTINENTAL OIL - JHEARILLA 30 #16

Land Status: Jiearilla Apache Indian Reservation

22 1979

Total irea Inspected: 2.5 acres.

Eroken, rolling mesa top. Terrain:

Sandy clay with sandstone boulders. Soil:

Rinon, juniper, sagebrush, narrow leaf yucca, broom snake-Vegetation:

weed, blue grama.

None found. Cultural Resources:

Recommendations: Clearance is recommended.

Proposed Well: CONOCO 29-4 #13

Land Status: Carson National Forest - Jicarilla District

1740 feet from the north line and 1460 feet from the west Location:

line of Section 13, Township 29 North, Range 4 West, N.M.P.M., in Rio Arriba County, New Mexico. (Figure 4).

Width: 20 feet / Length: 300 feet along ridge from north.

2.58 acres. Total Area Inspected:

Access:

Narrow point on Devil's Mesa. Rugged broken topography. Terrain:

Sandy with sandstone boulders and outcrops. Soil:

Douglas fir, pinon, juniper, gamble's oak, mountain mahogany, prickly pear cacti. Vegetation:

Cultural Resources: None found.

Recommendations: Clearance is recommended.

. 1 2 2 1979

Proposed Well: CONOCO 29-4 #11

Land Status: Carson National Forest

1090 feet from the south line and 990 feet from the east Location:

line of Section 24, Township 29 North, Range 4 West, N.M.P.M., in Rio Arriba County, New Mexico. (Figure 5).

3000 feet long and 20 feet wide approaching the location Access:

from the south and using an existing road where possible.

Broken drainage bottom and ridge slope with westerly Terrain:

drainage, alluvial surface deposits, and sandstone outcrops.

Soil:

Clayey loamy sand.

Vegetation:

Juniper, pinon, sagebrush, ponderosa pine, gamble's oak, snakeweed, rabbitbrush, prickly pear cacti, winterfat,

blue grama, wheat grass, galleta.

Cultural Resources: None found.

Recommendations: Clearance is recommended.

Proposed Well: CONOCO 29-4 #12

Land Status: Carson National Forest

Location:

1180 feet from the north line and 990 feet from the west line of Section 24, Township 29 North, Range 4 West, N.M.P.M., in Rio Arriba County, New Mexico. (Figure 5).

Access:

600 feet long and 20 feet wide approaching the well from

the north.

Terrain:

Broken ridge top with westerly drainage, alluvial surface

deposits, and sandstone outcrops.

Soil:

Sandy clay loam.

Vegetation:

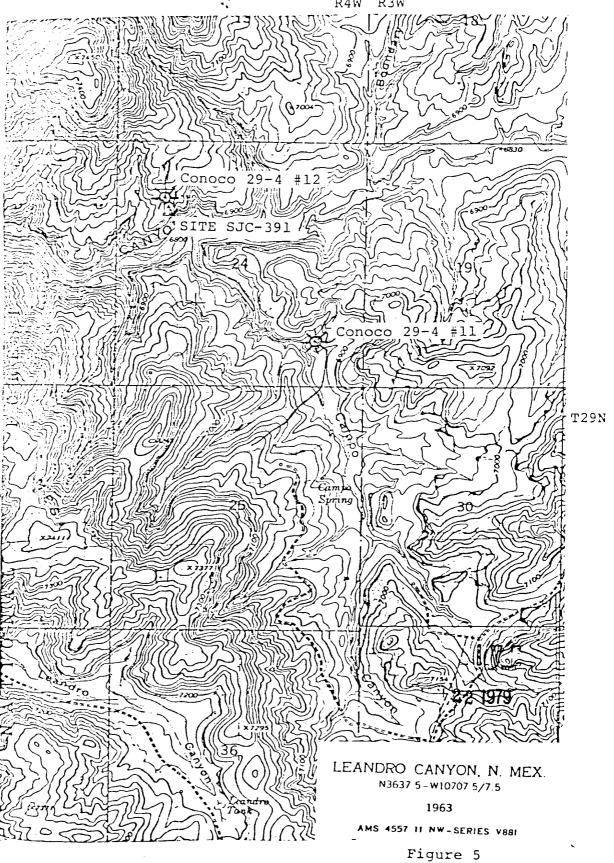
Juniper, pinon, ponderosa pine, sagebrush, prickly pear cacti, blue grama, galleta, bitterbrush, snakewed, aster.

Site SJC-391 was found on the southern edge of the Cultural Resources: original location. The location was moved approximately 250 feet north to completely avoid the site. See site report and map for details.

Recommendations: Clearance is recommended.

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Fred Kerr						
<u> Carson Hati</u>	onal Forest					
vn <u>Gobernador</u>	NM Nearest hi	ghway <u>17</u>	Accessi	bility: foot 🕮	sedan 4	wh. dr. XX backhoe
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<u>On a sita na</u>	rrow ridge.	<u>Tip 20</u>	00 feet	above La	Jara Can	ion bottom on
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the Temporal and Te	<u> </u>	<u> </u>	_4_W,Cour	ity <u>RIO FI</u>	riba	State 1711
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₽ SJC-391

Site SJC-391 consists of at least one pithouse depression and an ociated artifact scatter. The depression, 10 meters in diameter .50 meter deep, is on the tip of a narrow ridge overlooking La Jara on. There is a slight, ill-defined depression 25 meters to the east, the may indicate a second structure. The artifacts associated with site are concentrated on the east and south of the pithouse. This ace concentration is probably due more to alluvial erosion than to ural activities. Sherds found on the surface include Rosa Plain es, one with basket impressions, and Rosa B/W. Flaked lithics are ly of chert, quartzite, and chalcedony, and some basalt. No diatic tools were seen. One rectangular bifacial sandstone mano was defined near the pithouse, and one found 300 meters to the north. The er, a fragment, had a hole drilled through the ground surfaces and residened as if it had been heated or burned.

The site is in good condition although there has been alluvial ing on the east side. The cultural fill may be from 1.5 to 3.0 rs deep and undisturbed. The well location was moved approximately feet north, at the time it was staked, to avoid the site. No direct ndirect damage should result from construction, drilling, or mainnce.

LIVE