

# *Consolidated Oil & Gas, Inc.*

LINCOLN TOWER BUILDING  
1860 LINCOLN STREET  
DENVER, COLORADO 80202  
(303) 255-1751

80295

May 25, 1977

U. S. Department of the Interior  
Geological Survey  
P. O. Box 1809  
Durango, Colorado 81301

Re: Application for Permit to Drill  
Tribal "C" #5A  
Section 5, T26N, R3W  
Rio Arriba County, New Mexico

Gentlemen:

Following is the information requested in NTL-6 to accompany the permit to drill:

1. Location: 1100' FNL and 1550' FWL  
Section 5, T26N, R3W NMPM
2. Elevation of Unprepared Ground: 7268' GL
3. Geologic Name of Surface Formation: San Jose
4. Type Drilling Tools: Rotary
5. Proposed Drilling Depth: 8460'
6. Estimated Tops of Geologic Markers: Fruitland 3270'; Pictured Cliff 3985'; Lewis 4058'; Cliff House 5563'; Pt. Lookout 6138'; Gallup 7367'; Greenhorn 8181'; Graneros 8260'; Dakota 8409'.
7. Estimated Depths at Which Anticipated Gas or Oil Bearing Formations Expected: Pictured Cliff 3985'; Cliff House 5563'; Pt. Lookout 6138'; Gallup 7367'; Dakota 8409'.

RECEIVED

AUG 10 1977

U. S. GEOLOGICAL SURVEY  
DURANGO, CO.

8. Casing Program and Setting Depth:

	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Condition</u>	<u>Setting Depth</u>
Surface	10-3/4"	40.5#	X-42	New	300'
Intermediate	7-5/8"	26.4#	K-55	New	4285'
Liner	5-1/2"	15.5 & 17#	K-55	New	8460'

9. Casing Setting Depth and Cement:

- a. Surface casing will be set at approximately 300' and cement will be circulated to surface with approximately 300 sx. class "B" with 2%  $\text{CaCl}_2$ .
- b. Intermediate casing will be set at approximately 4285' and cement will be circulated to surface with approximately 385 sx. 65/35 Pozmix with 12% gel and 100 sx. class "B" with 2%  $\text{CaCl}_2$ .
- c. Liner will be set at approximately 8460' with approximately 375 sx. 50-50 Pozmix with 4% gel and 12-1/2# fine Gilsonite per sack and 0.4 HR4.

10. Pressure Control Equipment:

Blowout preventers and rotating head will be installed after surface casing has been run. (See attached Diagram "A")

11. Circulating Media:

The surface and intermediate hole will be drilled with a fresh water, low solids mud system.

The 6-3/4" hole from 4285' to 8460' will be air drilled unless hole becomes wet and a conversion to mud must be made.

12. Testing, Logging and Coring Programs:

No testing or coring is planned.

Open hole logs will be run in the air drilled hole prior to running liner.

13. Abnormal Pressure or Temperature and Hydrogen Sulfide Gas:

No abnormal pressure, temperature or hydrogen sulfide gas are anticipated.

14. Anticipated Starting Date:

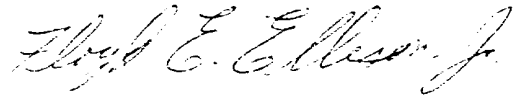
August 1, 1977

15. Other Facets of the Proposed Operations:

None

Yours very truly,

CONSOLIDATED OIL & GAS, INC.



Floyd E. Ellison, Jr.  
Area Production Manager

FEE:lt  
Attach.

## DEVELOPMENT PLAN FOR SURFACE USE

Tribal "C" #5A  
Consolidated Oil & Gas, Inc. - Operator  
Jicarilla Apache Tribal Contract #97  
NE NW Sec. 5, T26N, R3W  
Rio Arriba County, New Mexico

### 1. Existing Roads

See enclosed topographic map (Exhibit I) which shows existing improved and unimproved roads.

### 2. Planned Access Roads

See enclosed topographic map

### 3. Location of Existing Wells

See enclosed topographic map

### 4. Location of Existing and/or Proposed Facilities

See enclosed topographic map showing location of wells and facilities operated by Consolidated Oil & Gas, Inc. If production is established, the tank battery and other required producing equipment will be located per attached completion plat. (Exhibit II)

### 5. Location and Type of Water Supply

Drilling water will be trucked approximately 6 miles from water holes in Tapicito Creek.

### 6. Source of Construction Materials

None

### 7. Methods of Handling Waste Disposal

All waste material will be contained by earthen and steel pits. The earthen pits will be subsequently backfilled and buried. A portable chemical toilet will be furnished for drilling personnel.

### 8. Ancillary Facilities

No separate campsites or air strips are proposed

9. Wellsite Layout

The drillsite location will be graded and will be approximately 250' by 250' with natural drainage to the west. Care will be taken while grading to control erosion.

10. Plans for Restoration of Surface

- A. Following drilling and completion operations all equipment and material not needed for operations will be removed. Pits containing fluid will be fenced until they dry out and will then be filled and the location cleaned of all trash and junk.
- B. After abandonment, any special rehabilitation and/or revegetation requirements (specified by regulatory agency) will be complied with and accomplished as expeditiously as possible.

11. Other Information

If, during operations, any historic or prehistoric ruin, monument or site, or any object of antiquity is discovered, work will be suspended and the discovery will be reported to the appropriate regulatory agency.

The area covered by the location and proposed access road is 2 acres.

12. Operator's Representative:

O. B. Whitenburg  
P. O. Box 2038  
Farmington, New Mexico 87401  
Phone: Office (303) 325-7500 or 325-7509  
Home (303) 325-2213

13. Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite 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 Consolidated Oil & Gas, Inc., its Contractors and Subcontractors in conformity with this plan and the terms and conditions under which it is approved.

5/25/77  
Date

David E. Ellison Jr.  
Area Prod. Mgr.

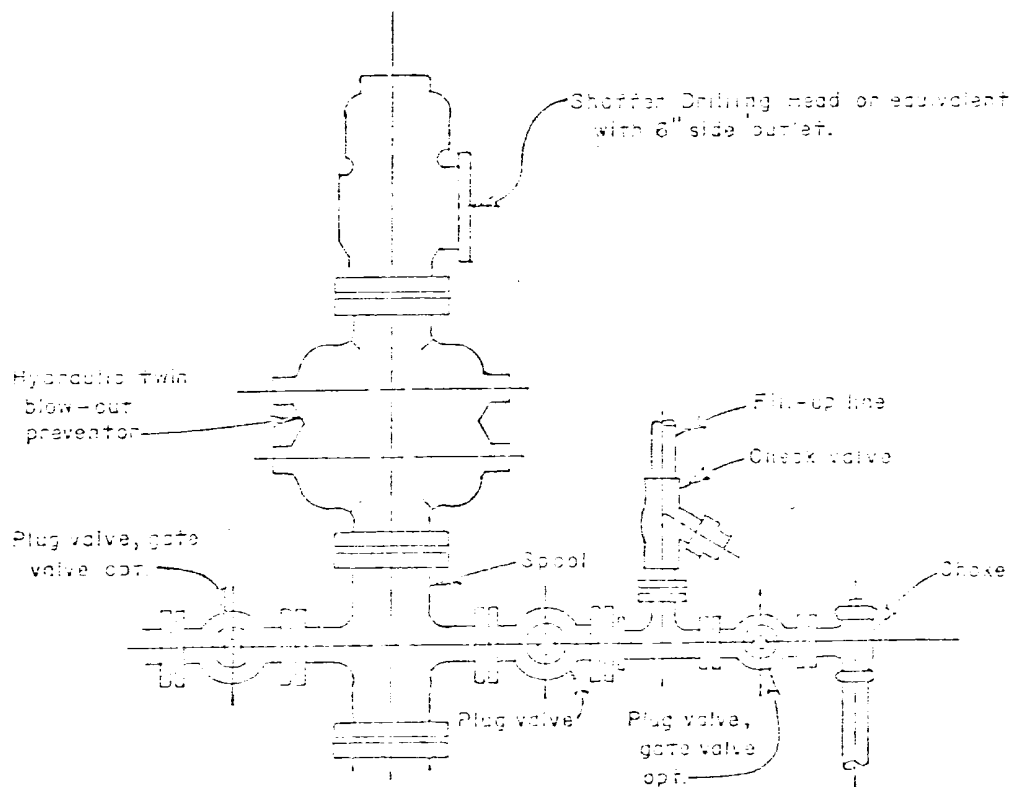
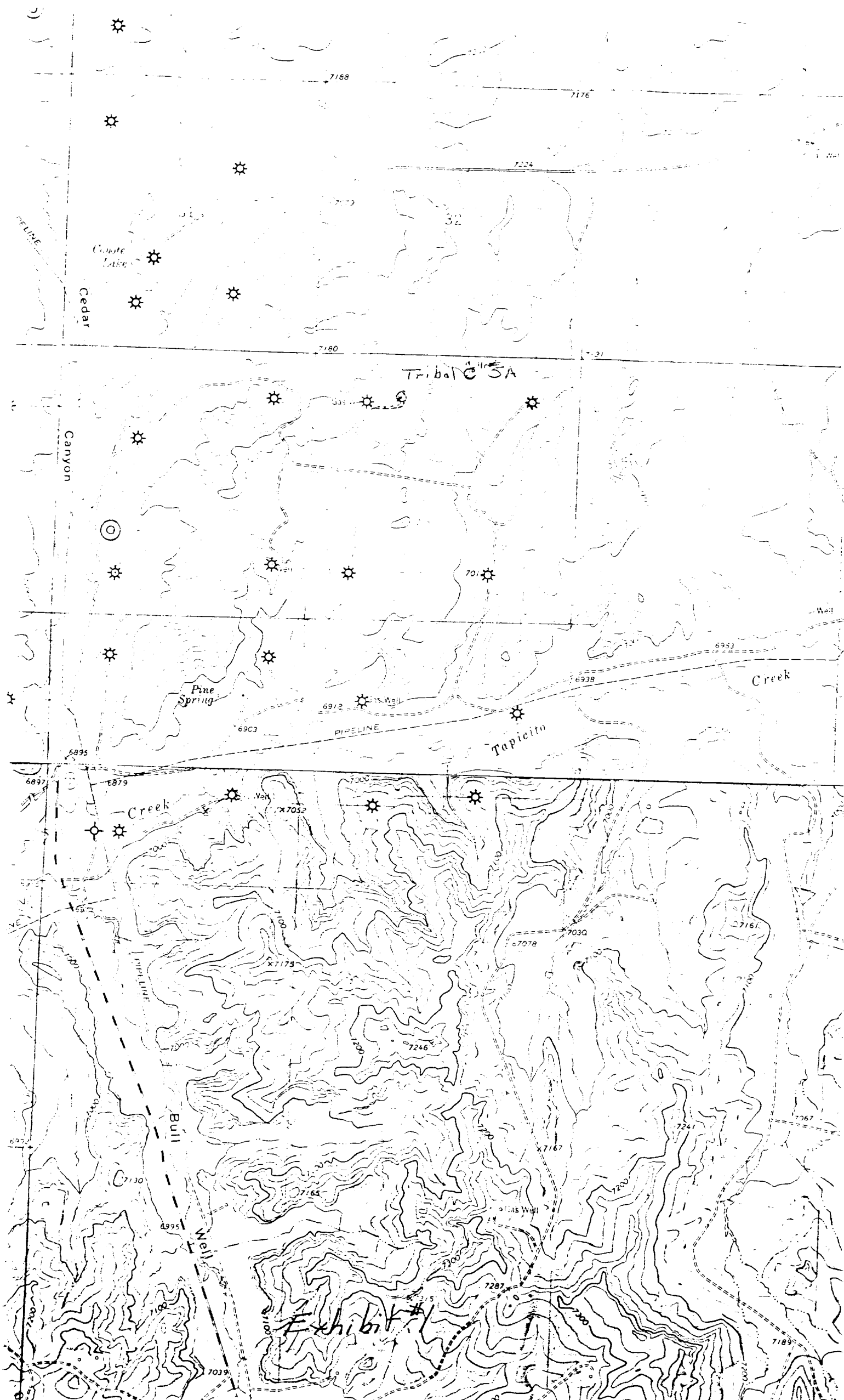
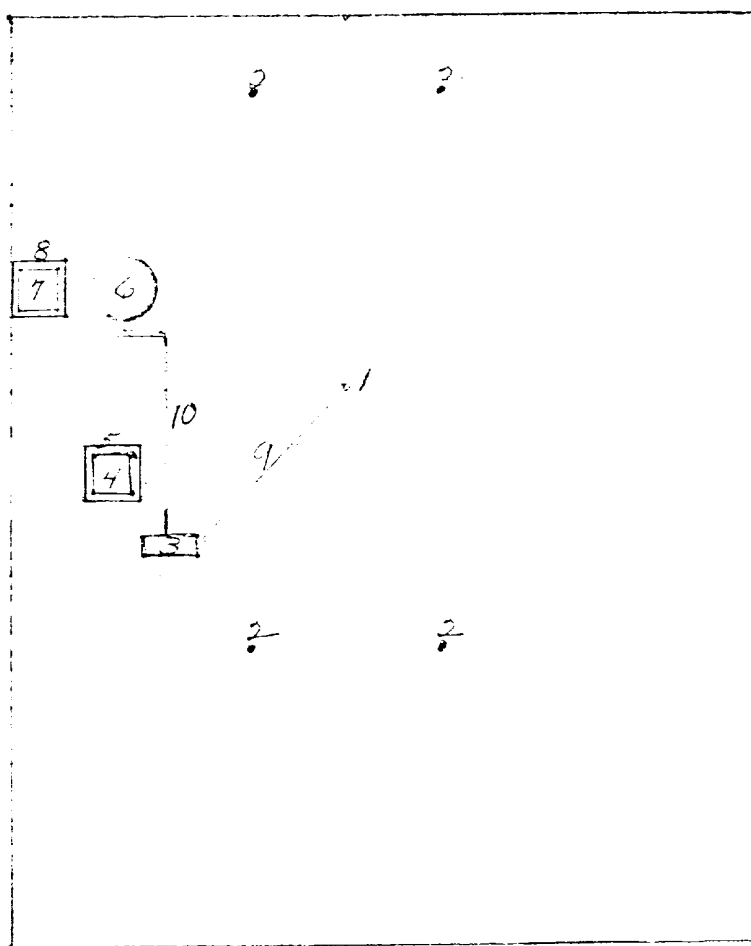


Diagram "A"



1. Well
2. Dead Men
3. Prod. Unit
4. Water Pit
5. Fence
6. 300 bbl. Oil Tank
7. Water Pit
8. Fence
9. 2" Buried flow line
10. 1½" Oil Line

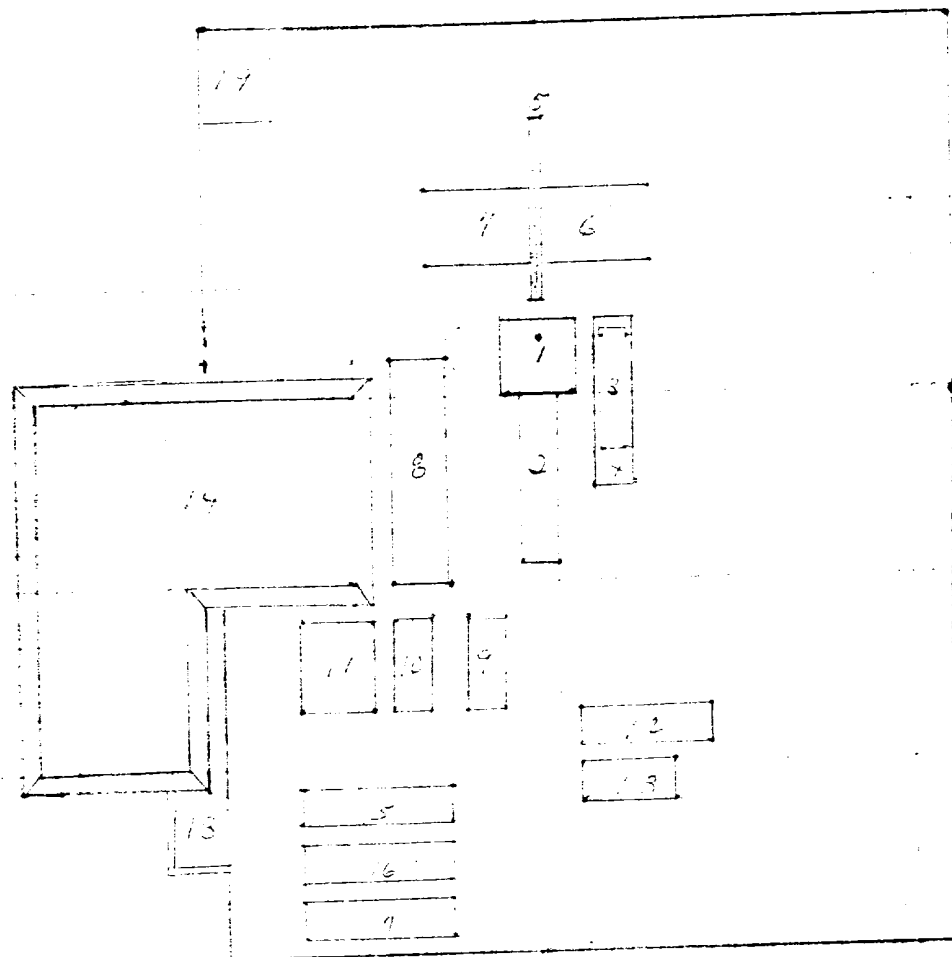


1" equals 50'

*Exhibit #II*



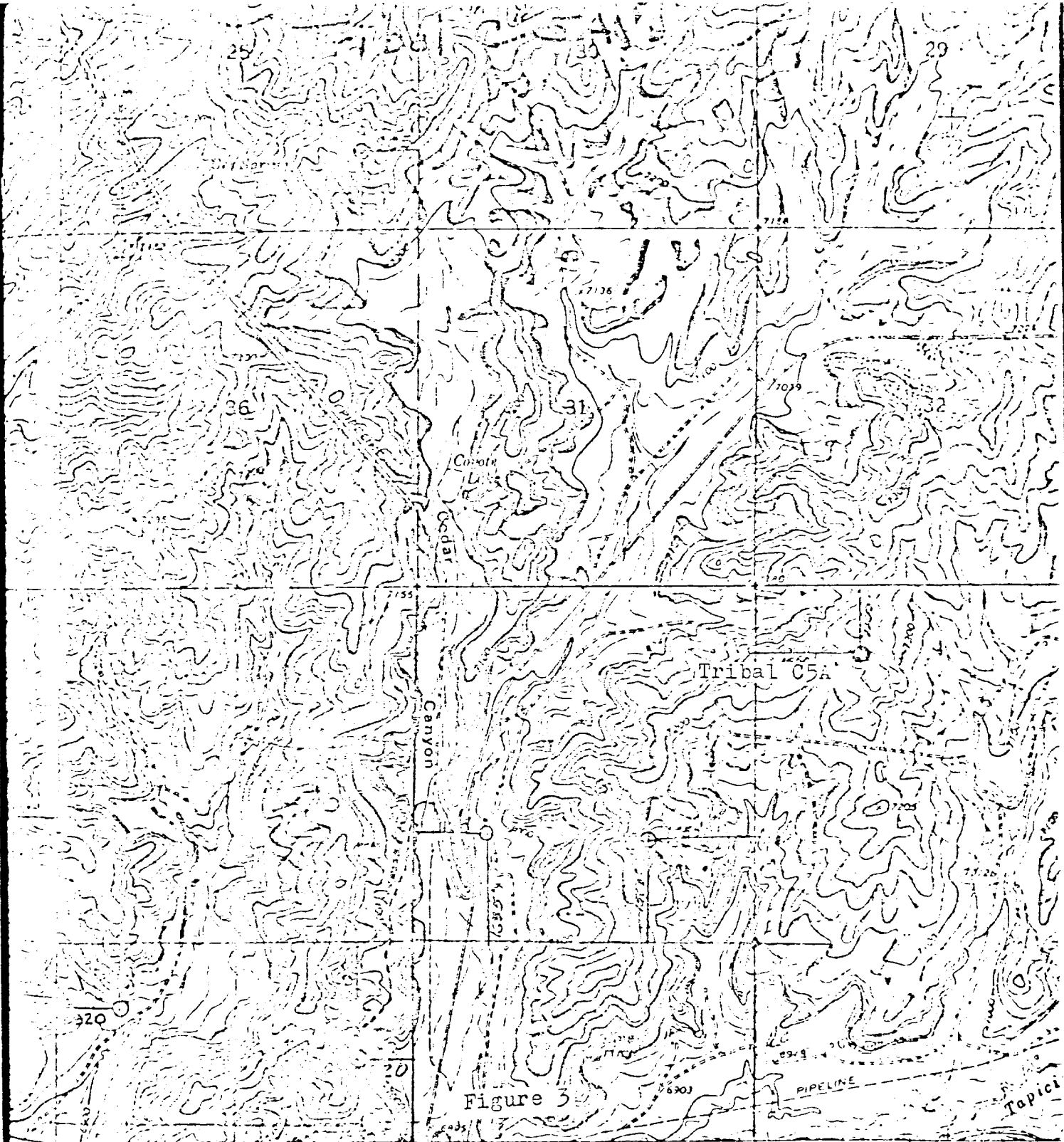
1. Sub.
2. Drive in unit
3. Doghouse
4. Water tank
5. Walk
6. Pipe racks
7. Pipe racks
8. Steel working pit
9. Pump
10. Pump
11. Mud storage
12. Light plant
13. Change house
14. Reserve pit
15. Air compressor
16. Air compressor
17. Air compressor
18. Burn Pit
19. Blow Pit



50 FT.

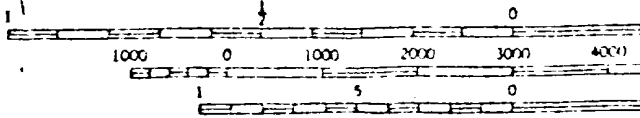
1" equals 50'

Exhibit #IV



R. 4 W. 27 MI. TO N. MEX. 44 ISCHMITZ RANCH R. 3 W. 305 10' 106

SCALE 1:24,000



CONTOUR INTERVAL 20 FEET  
DATUM S MEAN SEA LEVEL

VICINITY MAP  
FOR  
CONSOLIDATED OIL & GAS

Well Location in NW 1/4  
Sec. 5, T26N, R3W, N.M.P.M.,  
Rio Arriba County, New Mexico

scale: 1" = 2000'

Report 77-SJC-066  
Permits-Forest Service  
Lands Permit and  
Jicarilla Apache Indian  
Permit- 404/NM-77-084

An Archaeological Clearance Survey of  
Six Proposed Well Locations and their  
Accesses Conducted for Consolidated  
Oil & Gas Company Incorporated

Submitted By  
Billy J. Naylor

Billy J. Naylor  
Coordinator, Cultural  
Resource Management Program  
San Juan Campus  
New Mexico State University  
24 May 1977

An Archaeological Clearance Survey of  
Six Proposed Well Locations and their  
Accesses Conducted for Consolidated  
Oil & Gas Company Incorporated

On May 17, 1977, Billy J. Naylor of New Mexico State University's Cultural Resource Management Program, San Juan College, conducted an archaeological clearance of six proposed well locations and their access routes for Consolidated Oil & Gas Company Incorporated at the request of Mr. O. B. Whittenburg.

Present during the inspections were Mr. Whittenburg and Mr. Leo Case of Consolidated Oil & Gas; Mr. James Tinsfield, Carson National Forest; Mr. Harold Tecube, Jicarilla Apache Bureau of Indian Affairs Realities Agent; Mr. Don Englishman, United States Geological Survey; Mr. Joe McKinney, Atchison Construction; Mr. Danny Wood, W&C Contractors; and Mr. Jim Shepard, Mountain State Oil Field Service.

The areas surveyed are on National Forest lands and the Jicarilla Apache Indian Reservation and the investigations were performed under permits, Forest Service Lands Permit and Jicarilla Apache Indian Reservation Permit 404/NM-77-084.

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. This proposal complies with the provisions of the Historic Preservation Act of 1966 and the Executive Order 11593. It is recommended that archaeological clearance be given.

Consolidated-Tribal C 5A Jicarilla Apache Lands

Proposed well Consolidated-Tribal C 5A is 1100 feet from the North line and 1550 feet from the West line of Section 5, Township 26 North, Range 3 West, Rio Arriba County, New Mexico.N.M.P.M. (Figure 3 )

The location is on the westerly slope of a ridge at 7268 feet elevation.

The terrain is slightly broken soil and sandy clay and vegetation is pinon, sagebrush, gambels oak, grama, wheatgrass, broom snakeweed, and mountain mahogeny.

No cultural resources were found and clearance is recommended.