

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-21500

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
OIL WELL GAS WELL OTHER
SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
Consolidated Oil & Gas, Inc.

3. ADDRESS OF OPERATOR
1860 Lincoln Street, Denver, Colorado 80295

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface: 1800' FSL and 790' FEL
At proposed prod. zone: Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
26 miles northwest of Lindrith

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 790'

16. NO. OF ACRES IN LEASE: 2561.86

17. NO. OF ACRES ASSIGNED TO THIS WELL: 320.58

18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: 903'

19. PROPOSED DEPTH: 6370

20. ROTARY OR CABLE TOOLS: Rotary

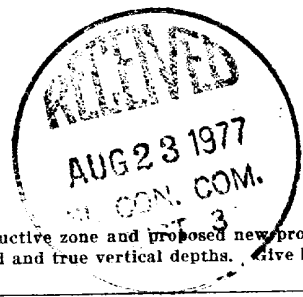
21. ELEVATIONS (Show whether DF, RT, GR, etc.): 7232' GL

22. APPROX. DATE WORK WILL START*: August 15, 1977

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	10-3/4"	40.5#	300'	300 sx.
8-3/4"	7"	23#	4267'	425 sx.
6-1/4"	4-1/2"	10.5#	6370'	210 sx.

1. Drill 15" hole to 300'+. Set 10-3/4" casing and cement. WOC 12 hrs.
2. Install BOP. Pressure test to 600 psi.
3. Drill 8-3/4" hole to 4267'. Set 7" casing and cement. WOC 12 hrs. Test casing to 1000 psi.
4. Nipple up for air drilling. Jet and dry 7" casing. Drill 6-1/4" hole with air to 6350' and log.
5. Run and cement 4-1/2" liner.
6. Selectively perforate and stimulate Mesaverde formation.
7. The E/2 of Section 2 is dedicated to this well.
8. Gas is dedicated.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Harold E. Ellison, Jr. TITLE Area Production Manager DATE June 1, 1977

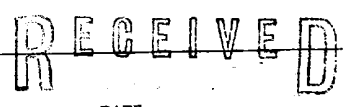
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

Abner



AUG 19 1977

U. S. GEOLOGICAL SURVEY
DENVER, COLO.

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT**

All distances must be from the outer boundaries of the Section

Operator CONSOLIDATED OIL AND GAS, INC.		Lease HURON		Well No. 3-A
Unit Letter I	Section 2	Township 26 NORTH	Range 4 WEST	County RIO ARRIBA
Actual Footage Location of Well: 1800 feet from the SOUTH line and 790 feet from the EAST line				
Ground Level Elev. 7232	Producing Formation Mesaverde	Pool Blanco	Dedicated Acreage: 320.58 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty),
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?
 Yes No If answer is "yes," type of consolidation

If answer is "no," list the owners and tract descriptions which have actually consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non standard unit, eliminating such interests, has been approved by the Commission.

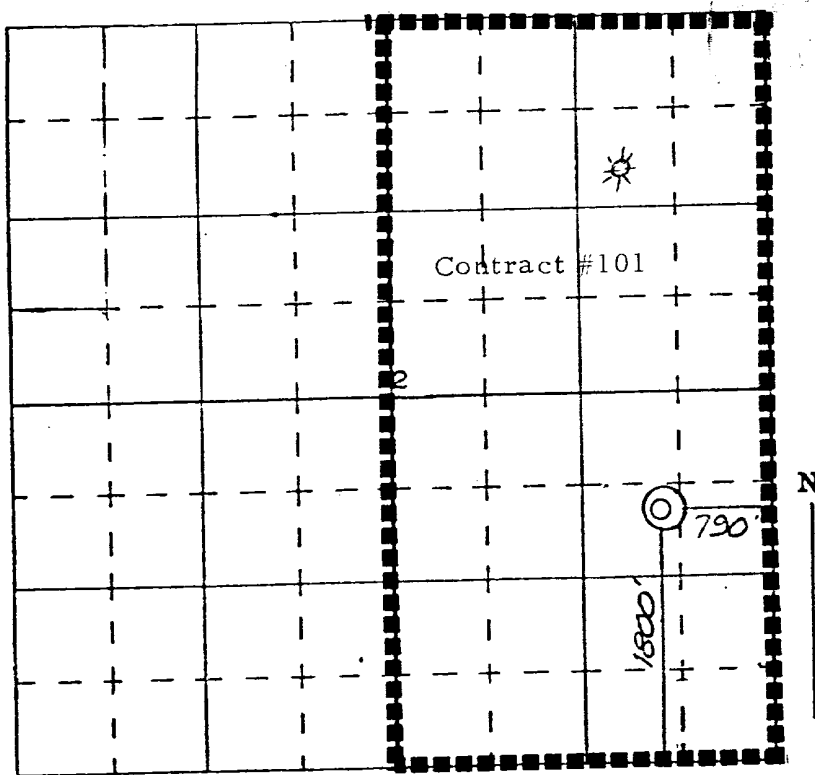
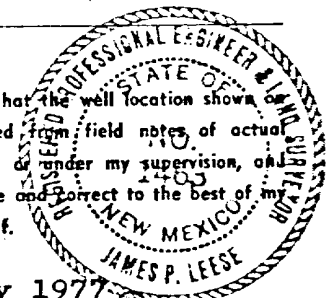
CERTIFICATION

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

Robert E. Edman
Name
Area Prod. Mgr
Position
Consolidated Oil & Gas, Inc.
Company
Date 6/3/77

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

9 May 1977
Date Surveyed
James P. Leese
Registered Professional Engineer
and/or Land Surveyor **James P. Leese**



SCALE—4 INCHES EQUALS 1 MILE



Consolidated Oil & Gas, Inc.

LINCOLN TOWER BUILDING
1860 LINCOLN STREET
DENVER, COLORADO 80209
(303) 255-1751

80295

June 3, 1977

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

Re: Application for Permit to Drill
Huron #3A
Section 2, T26N, R4W
Rio Arriba County, New Mexico

Gentlemen:

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

1. Location: 1800' FSL and 790' FEL
Section 2, T26N, R4W
Rio Arriba County, New Mexico
2. Elevation of Unprepared Ground: 7232' GL
3. Geologic Name of Surface Formation: San Jose
4. Type of Drilling Tools: Rotary
5. Proposed Drilling Depth: 6370'
6. Estimated Tops of Geologic Markers: Pictured Cliff 3967'; Lewis 4045';
Cliff House 5551'; Menefee 5782'; Pt. Lookout 6119'.
7. Estimated Depths at Which Anticipated Gas or Oil Bearing Formations Expected: Pictured Cliff 3967'; Cliff House 5551'; Pt. Lookout 6119'.

RECEIVED

AUG 19 1977

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

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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#	23#	K-55	New	4267'
Liner	4-1/2"	10.5#	K-55	New	6370'

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% CaCl₂.
- b. Intermediate casing will be set at approximately 4267' and cement will be circulated to surface with approximately 325 sx. 65/35 Pozmix with 12% gel and 100 sx. class "B" with 2% CaCl₂.
- c. Liner will be set at approximately 6370' with approximately 210 sx. 50-50 Pozmix with 4% gel and 12-1/2# fine Gilsonite per sack.

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 6-1/4" hole from 4267' to 6370' 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:

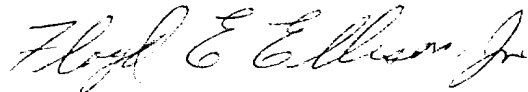
August 15, 1977

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.

9. Wellsite Layout

The drillsite location will be graded and will be approximately 250' by 250' with natural drainage to the northeast. 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 approximately 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.

6/3/77

Frank E. Ellison, Jr.
Area Prod. Mgr.

DEVELOPMENT PLAN FOR SURFACE USE

Huron #3A

Consolidated Oil & Gas, Inc. - Operator
Jicarilla Apache Tribal Contract #101
NE SE Sec. 2, T26N, R4W
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 5 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.

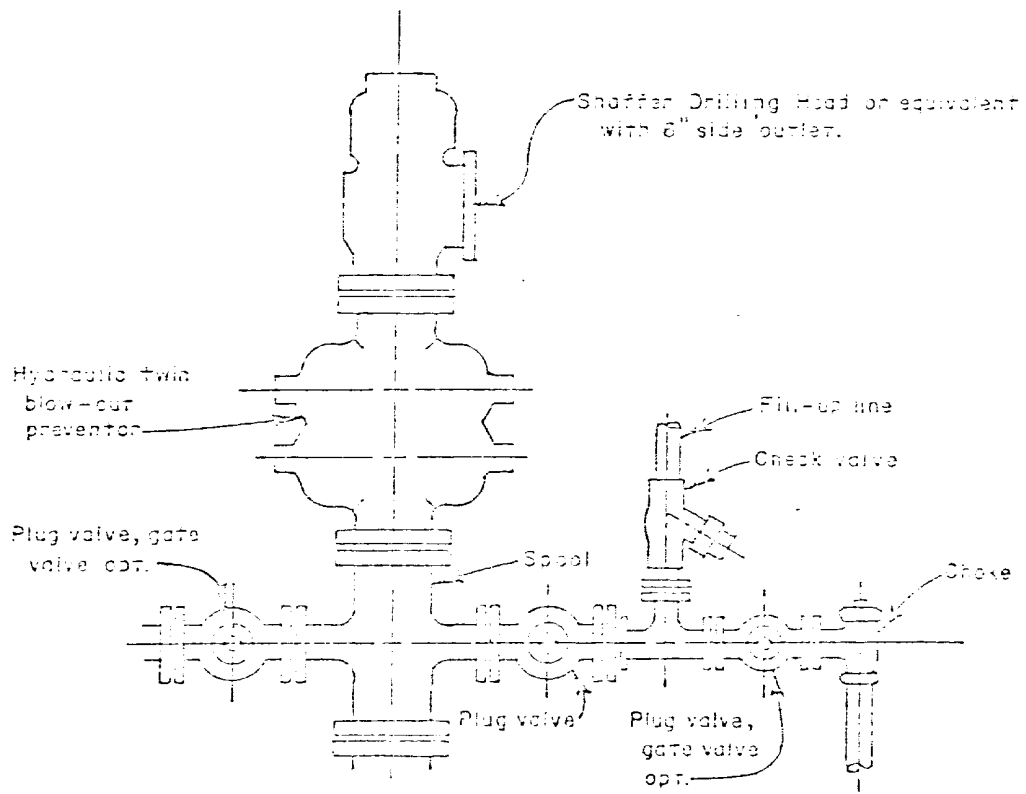
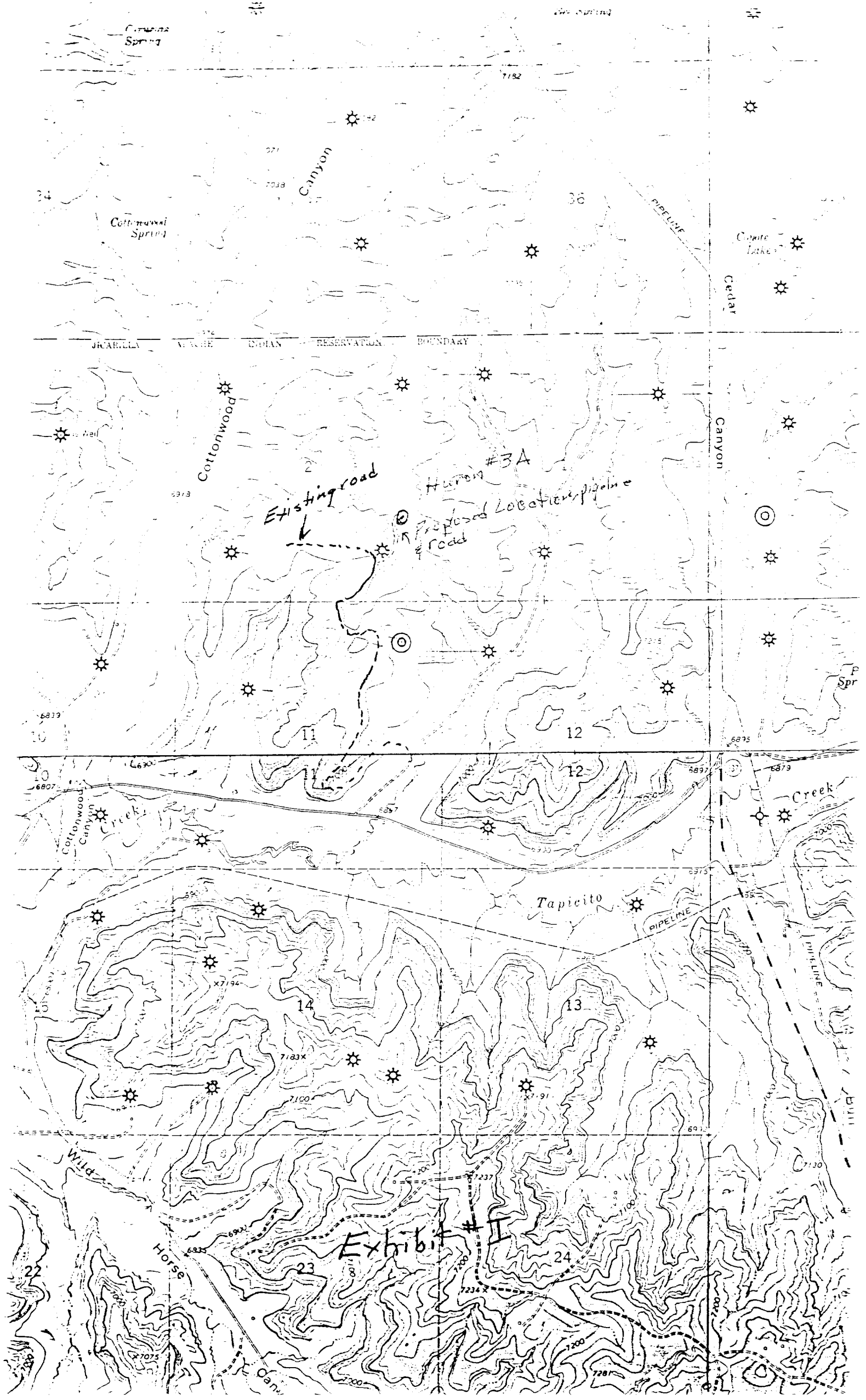


Diagram "A"



Cottonwood Spring

Cottonwood Spring

JAVALELLA NACHE INDIAN RESERVATION BOUNDARY

Cottonwood

Existing road

Huron #3A

Proposed Location of Road

Cedar Canyon

Cedar

Coyote Lake

Cottonwood Canyon Creek

Tapicito

PIPELINE

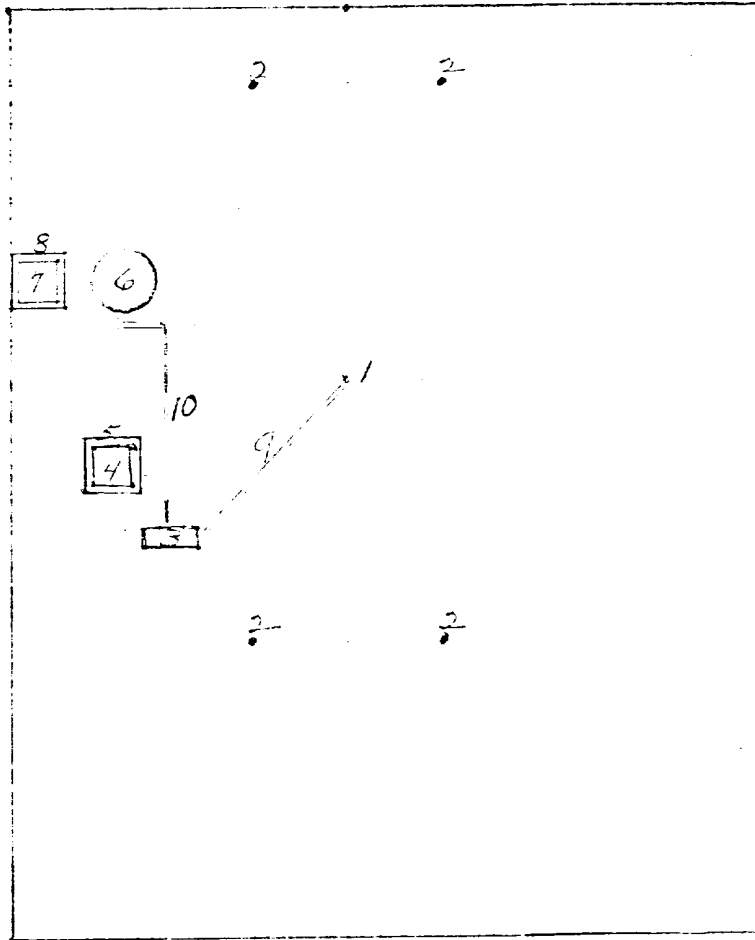
Wild Horse Canyon

Exhibit # I

Horse

Canyon

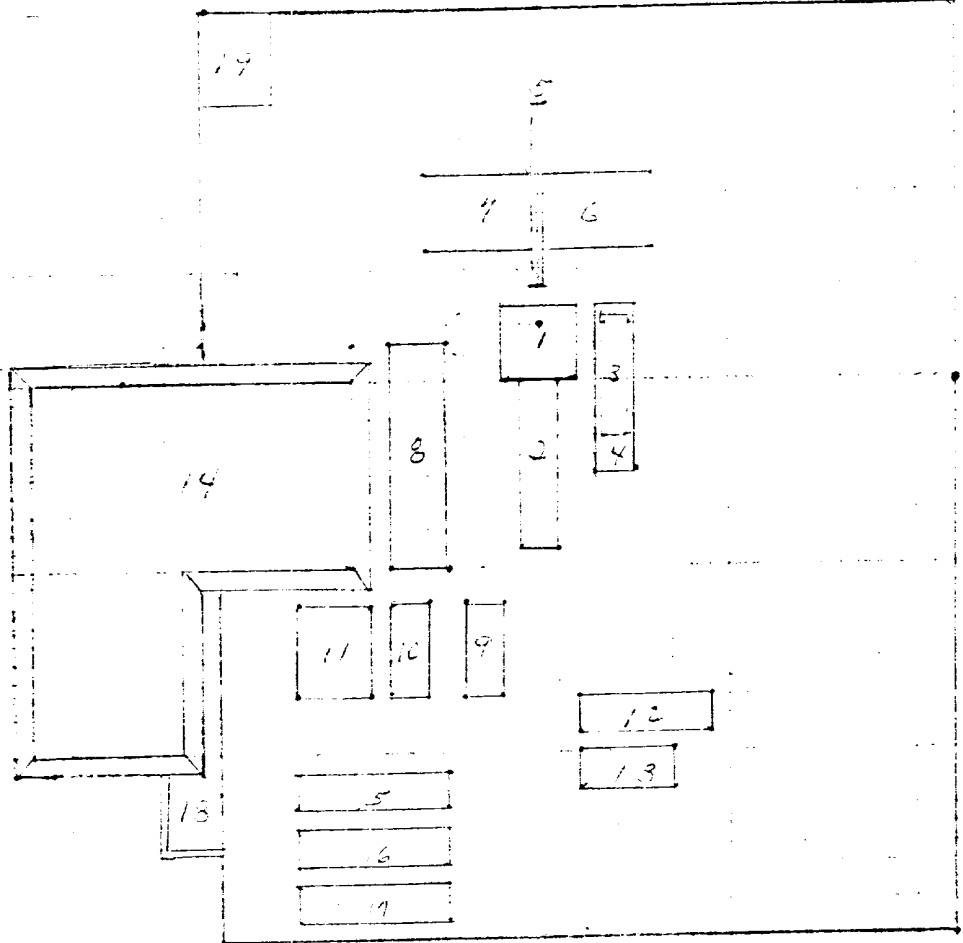
1. Well
2. Dead Men
3. Prod. Unit
4. Water Pit
5. Fence
6. 300 bbl. Oil Tank
7. Water Pit
8. Fence
9. 2" Buried flow line
10. 1½" Oil Line



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 III

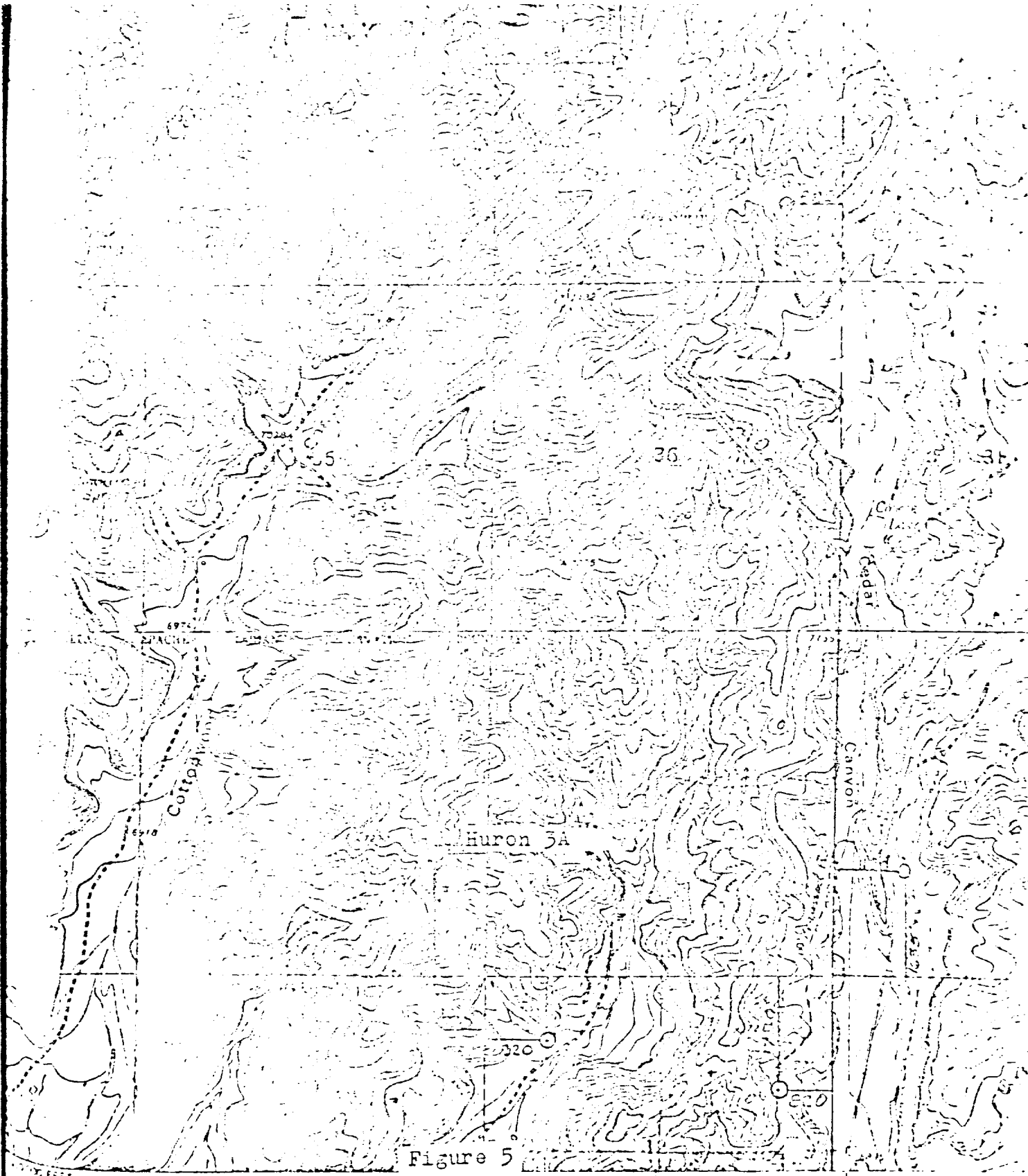
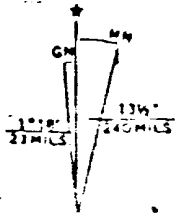


Figure 5

1:25000 R. 4 W. T26N R. 4 W. N.M.F.M. 14000

Geological Survey



VICINITY MAP
 FOR
 CONSOLIDATED OIL & GAS
 Well location in SE 1/4 of Sec. 35
 T26N, R. 4 W. N.M.F.M.,
 Rio Arriba County, New Mexico

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 404/11M-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 Huron 3 A Jicarilla Apache Lands

Proposed well Consolidated Huron 3A is 1800 feet from the south line and 790 feet from the East line of Section 2, Township 26 North, Range 4 West, Rio Arriba County, New Mexico. N.M.P.M. (Figure 5)

An area 300 by 300 feet was inspected for the location at an elevation of 7,232 feet on a ridge. The terrain is broken with sandstone outcrops. The sandy clay soil supports a vegetation of pinon, juniper, gambels oak, yucca baccata, sagebrush, mountain mahogeny, broom snakeweed, and blue grama.

No cultural resources were found and clearance is recommended.