

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-21498

LEASE DESIGNATION AND SERIAL NO.

Contract #97

5. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Tribal C

9. WELL NO.

4-3A

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 6, T26N, R3W NMPM

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

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.)*

J 1550' FSL and 1550' F&L

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

30 miles northwest of Lindrith

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

1550

16. NO. OF ACRES IN LEASE

2560

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

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

814

19. PROPOSED DEPTH

6260

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

7134 GR.

22. APPROX. DATE WORK WILL START*

August 1, 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. (approximately)
8-3/4"	7"	23#	4178'	425 sx. (approximately)
6-1/4"	4-1/2"	10.5#	6260	200 sx. (approximately)

1. Drill 15" hole to 300'±. Set 10-3/4" casing and cement. WOC 12 hrs.
2. Install BOP. Pressure test 10-3/4" casing to 600 psi.
3. Drill 8-3/4" hole to 4178'. Set 7" casing and cement. WOC 12 hrs. and test casing.
4. Nipple up for air drilling. Jet and dry 7" casing, drill 6-1/2" hole to 6260' and log.
5. Run and cement 4-1/2" liner.
6. Selectively perforate and stimulate Mesaverde formation.
7. The E/2 of Section 6 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

TITLE Area Production Manager

DATE May 26, 1977

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

DATE

AUG 1 1977

U. S. GEOLOGICAL SURVEY
DUNSMO, 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 TRIBAL "C"		Well No. 3-A
Unit Letter J	Section 6	Township 26 NORTH	Range 3 WEST	County RIO ARriba	
Actual Footage Location of Well: 1550 feet from the SOUTH line and 1550 feet from the EAST line					
Ground Level Elev. 7134	Producing Formation Mesaverde	Pool Blanco	Dedicated Acreage: 320 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.

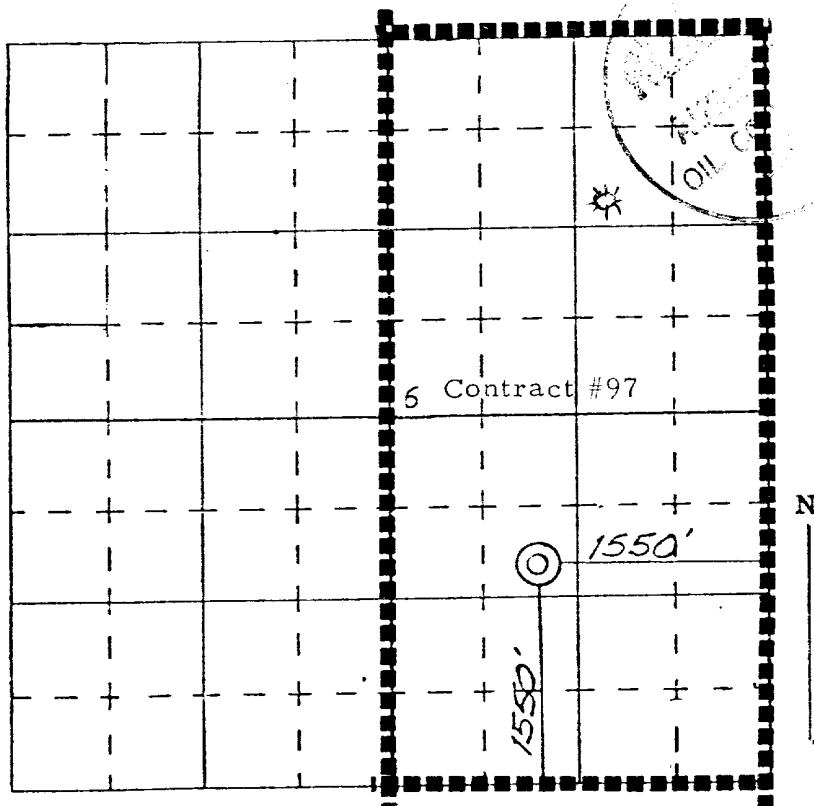
CERTIFICATION

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

Name Floyd E. Ellwood
 Position Area Prod. Mgr.
 Company Consolidated Oil & Gas
 Date 5/26/77

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.

Date Surveyed 6 May 1977
 Registered Professional Engineer and/or Land Surveyor James P. Leese

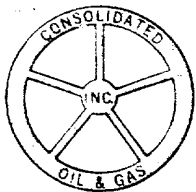


SCALE—4 INCHES EQUALS 1 MILE

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

1463

Certificate No.



Consolidated Oil & Gas, Inc.

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

80295

May 26, 1977

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

Re: Application for Permit to Drill
Tribal "C" #3A
Section 6, T26N, R3W
Rio Arriba County, New Mexico

Gentlemen:

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

1. Location: 1550' FSL and 1550' FEL
Section 6, T26N, R3W NMPM
Rio Arriba County, New Mexico
2. Elevation of Unprepared Ground: 7134' GL
3. Geologic Name of Surface Formation: San Jose
4. Type Drilling Tools: Rotary
5. Proposed Drilling Depth: 6260'
6. Estimated Tops of Geologic Markers: Fruitland 3613'; Pictured Cliff 3878'; Lewis 3948'; Cliff House 5458'; Menefee 5691'; Pt. Lookout 6013'; Mancos 6196'; TD 6260'.
7. Estimated Depths at Which Anticipated Gas or Oil Bearing Formations Expected: Pictured Cliff 3878'; Cliff House 5458'; Pt. Lookout 6013'.

RECEIVED

AS 10 1977

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

JK

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	4200'
Liner	4-1/2"	10.5#	K-55	New	6250'

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% CaCl_2 .
- b. Intermediate casing will be set at approximately 4200' and cement will be circulated to surface with approximately 325 sx. 65/35 Pozmix with 12% gel and 100 sx. class "B" with 2% CaCl_2 .
- c. Liner will be set at approximately 6260' with approximately 200 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 to 4200' will be drilled with a fresh water low solids mud system.

The 6-1/4" hole from 4200' to 6260' 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:

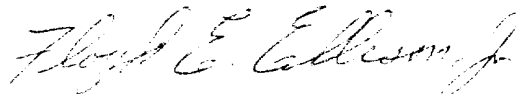
August 1, 1977

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" #3A

Consolidated Oil & Gas, Inc. - Operator
Jicarilla Apache Tribal Contract #97
NW SE Sec. 6, T26N, R3W NMPM
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 from water holes in Tapicito Creek approximately 6 miles southwest of location.

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 southeast. 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.

5/26/72
Date

Philip E. Edleman Jr
Area Prod Mgr

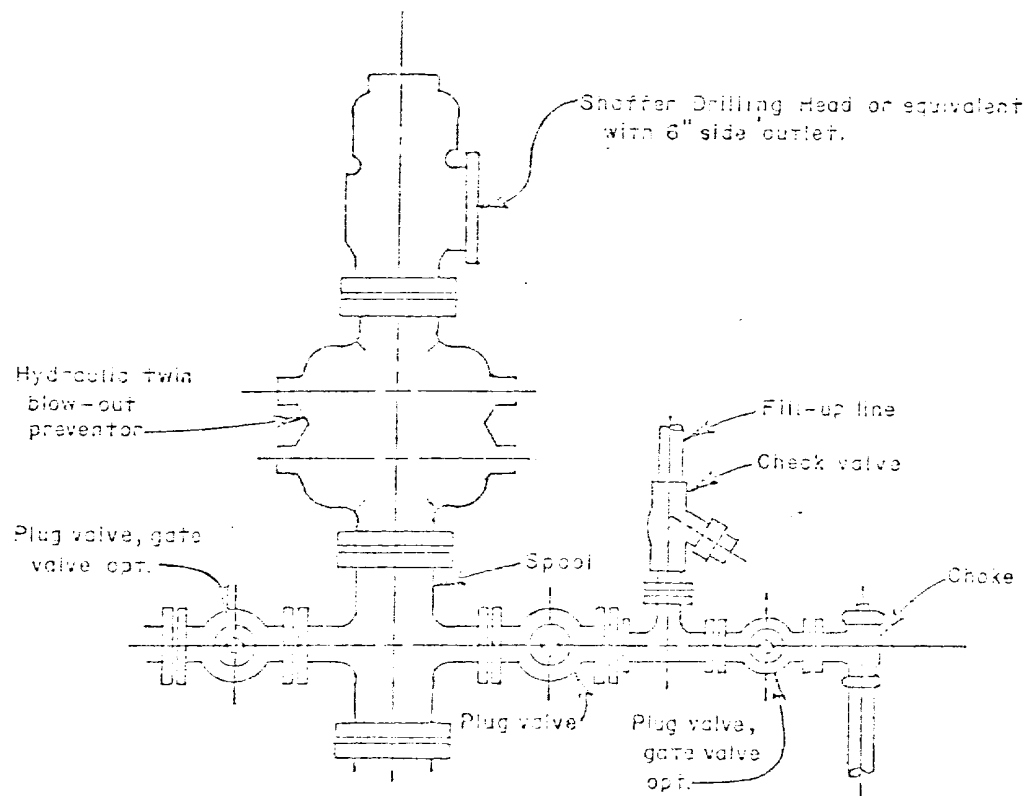


Diagram "A"

Bee Spring

Tribal "C"-3A

7182

7082

Coyote Lake

Cedar Canyon

IRVATION BOUNDARY

7182

Tribal "C"-3A

Pine Spring

PIPELINE

Tap

12

12

Creek

Tapicito

PIPELINE

13

Bull

Well

Exhibit #1

24

7236

7281

6995

7039

7165

7100

7100

7100

7100

7100

7100

7100

7100

7100

7100

7100

7100

7100

7100

7100

7100

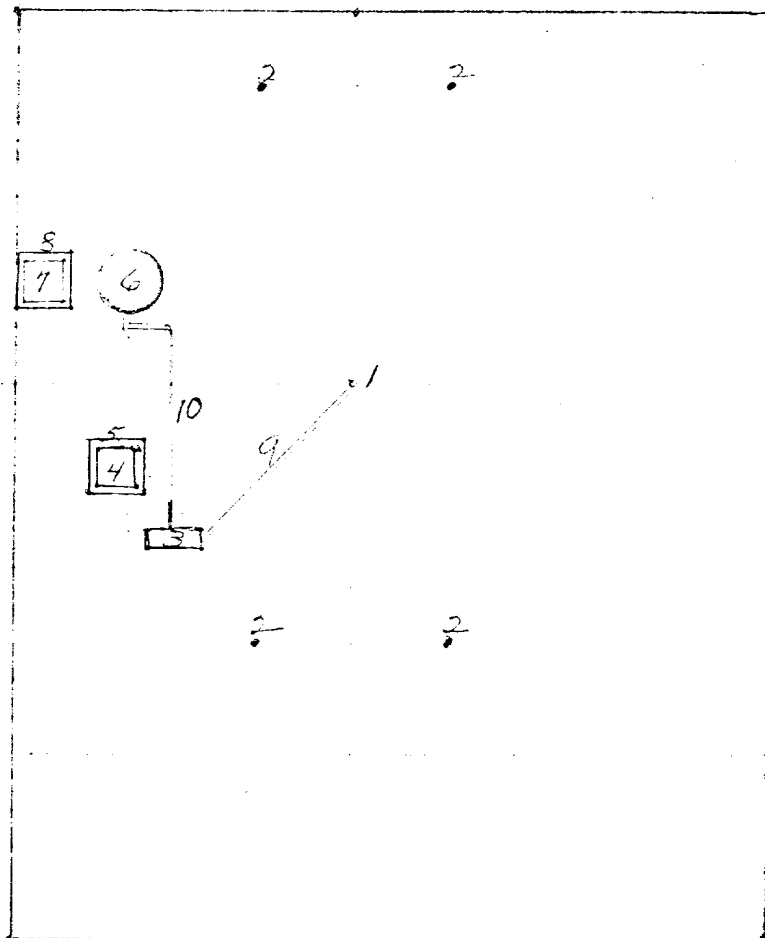
7100

7100

7100

7100

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

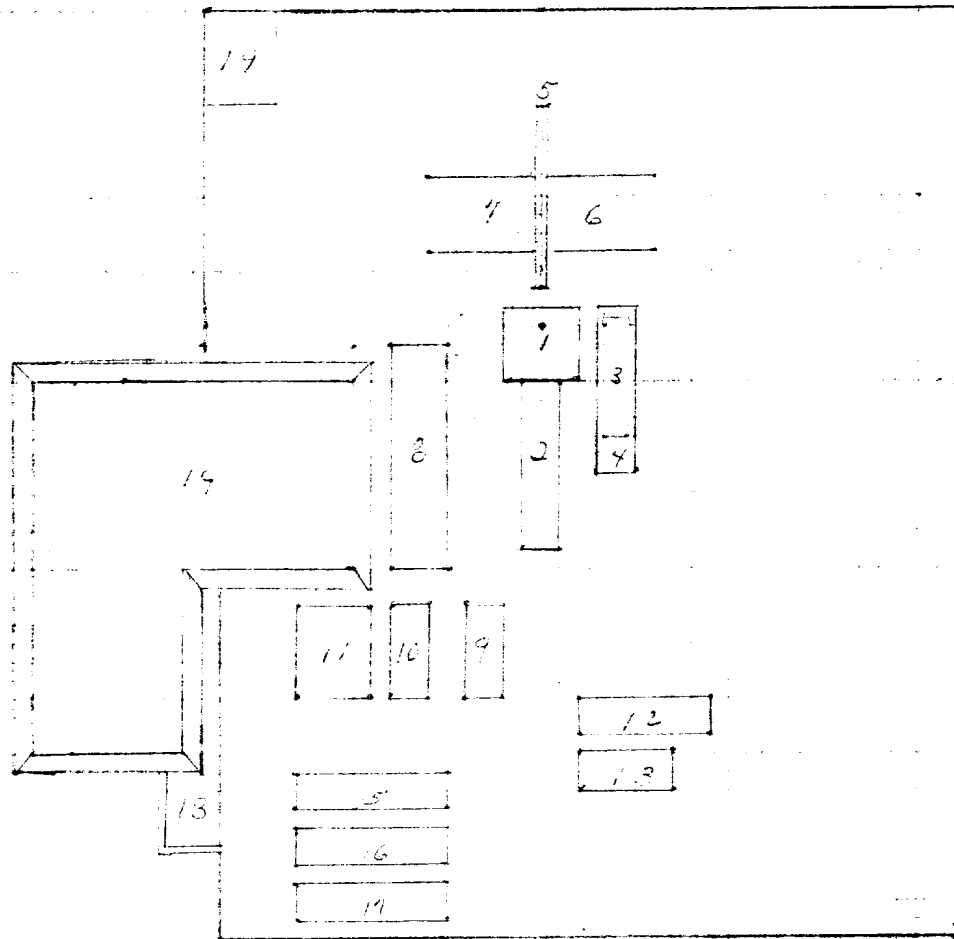


1" equals 50'

Exhibit II

Location Layout

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'

E.L.L. # III

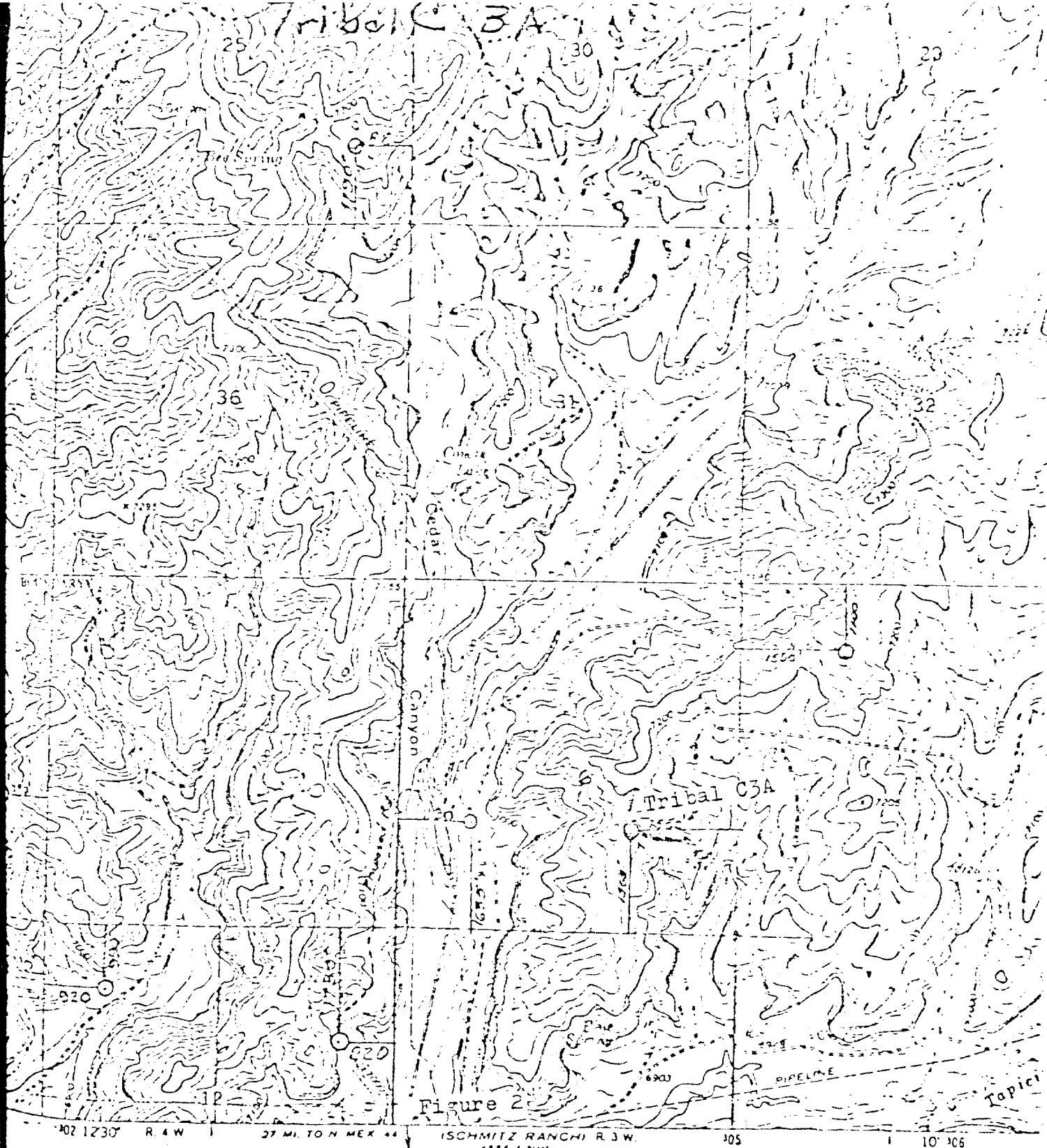
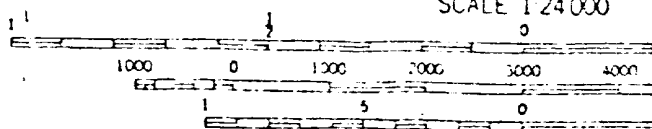


Figure 2

102 1230' R. 4 W 27 MI. TO N. MEX. 4556 1 NW 105 10' 106

SCALE 1:24,000



VICINITY MAP
FOR
CONSOLIDATED OIL & GAS

Well Location in SE 1/4 of
Sec. 6, T. 22N, R. 2W West Vir. P.M.
Rio Arriba County, New Mexico

scale 1" = 2000'

THIS MAP COMPIES WITH NATIONAL MAP ACT

80
30
150

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 3A Jicarilla Apache Lands

Proposed well Consolidated-Tribal C 3A is 1550 feet from the South line and 1550 feet from the East line of Section 6, Township 26 North, Range 3 West, Rio Arriba County, New Mexico. N.M.P.M. (Figure 3)

An approximate 300 by 300 foot area was inspected for the location. Access is a 20 foot right-of-way 1000 feet long.

The well will be on the southern slope of gentle rolling terrain at an elevation of 7,134 feet.

Soil is sandy clay loam and supports a vegetation of sagebrush, pinon, juniper, grama, and broom snakeweed.

No cultural resources were found and clearance is recommended.