

NM OIL CONS. COMMISSION
Dr. DD
Artesia, NM 88215
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN "PLICATE"
(Other inst. ons on
reverse side)Form approved.
Budget Bureau No. 42-R1425.

30-015-2395

5. LEASE DESIGNATION AND SERIAL NO.

NM-13997

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

EP-USA

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

26 T-26-S R-29-E

12. COUNTY OR PARISH 13. STATE

Eddy

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

J. C. WILLIAMSON

RECEIVED

3. ADDRESS OF OPERATOR

1385 Midland National Bank Tower

OCT - 2 1981

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

990' FSL & 1650' FEL

O. C. D.

At proposed prod. zone

ARTESIA, OFFICE

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

13 Miles SE of Malaga, New Mexico

15. DISTANCE FROM PROPOSED*

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

330

16. NO. OF ACRES IN LEASE

280

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

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

None

19. PROPOSED DEPTH

4200

20. ROTARY OR CABLE TOOLS

Cable Tools

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

2890.5 GR

22. APPROX. DATE WORK WILL START*

September 25, 1981

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
18"	10-3/4	40.5#	350	300 sx (Sufficient to circ)
10"	7"	23#	3300 2900'	150 sx
6-1/4	4-1/2	9-1/2#	4200	500 sx

RECEIVED
SEP 23 1981OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

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

J. C. Williamson

TITLE

Operator

DATE

Sept. 21, 1981

(This space for Federal or State office use)

APPROVED

PERMIT NO.

(L. S. S. S.) GEORGE H. STEWART

APPROVAL DATE

APPROVED BY

OCT 1 1981

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

FOR

JAMES A. GILLHAM
DISTRICT SUPERVISOR

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-126
Effective 1-1-63

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

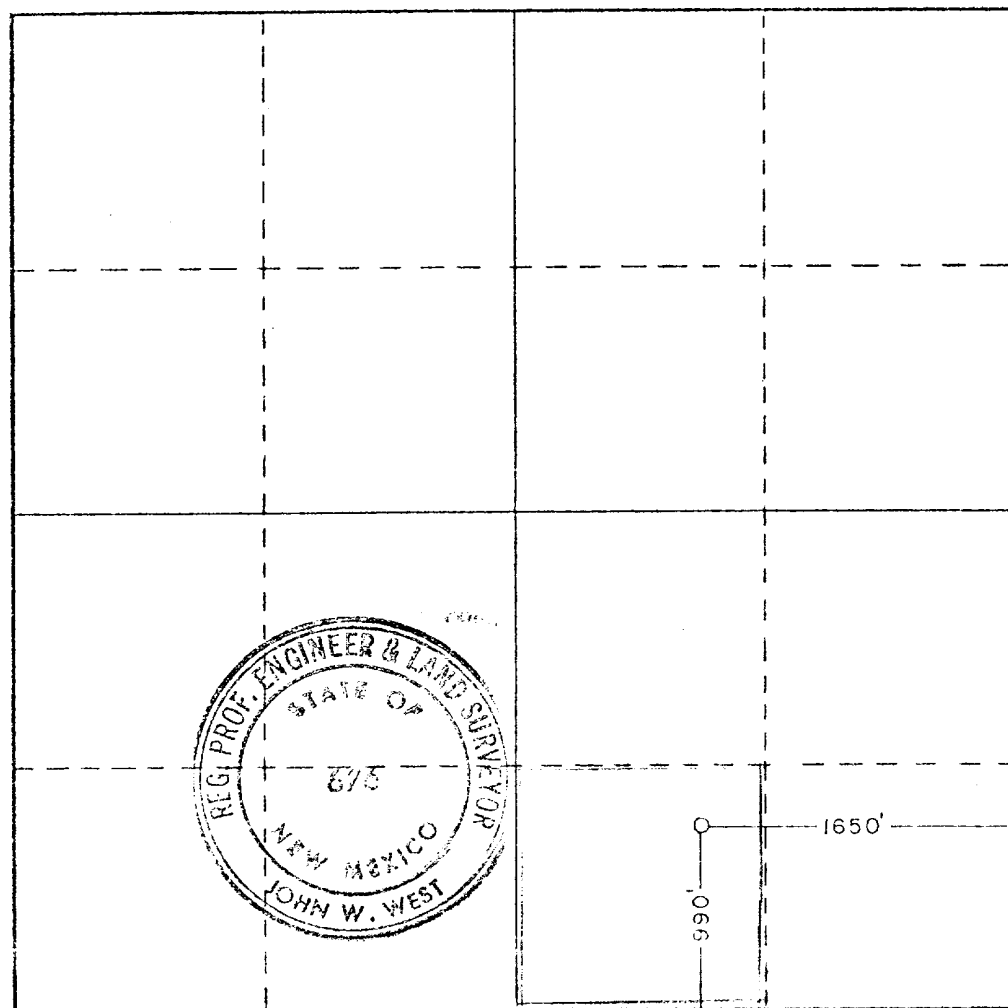
Operator J.C. Williamson			Lessee E.P. USA			Well No. 2		
Unit Letter 0	Section 26	Township 26 South	Range 29 East	County Eddy				
Actual Footage Location of Well: 990 feet from the South line and 1650 feet from the East line								
Ground Level Elev. 2890.5	Producing Formation Middle Delaware		Pool Wildcat <i>Cherry Canyon</i>			Dedicated Acreage: 40 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). One lease is Dedicated
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 been 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

J. C. WILLIAMSON

Position

Operator

Company

Independent

Date

September 21, 1981

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

Sept. 16, 1981

Registered Professional Engineer and/or Land Surveyor

Certificate No. JOHN W. WEST 878
PATRICK A. ROMERO 8483
Ronald J. Eldon 3239

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

SUPPLEMENTAL DRILLING DATA

J. C. WILLIAMSON
WELL # 2 EP-USA

1. SURFACE FORMATION: Quaternary Alluvium

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Rustler Anhydrite	350'
Lamar	3110'
Ramsey Sand	3025'
Olds Sand	3050'
Top Cherry Canyon	4150'

3. ANTICIPATED POSSIBLE WATER AND HYDROCARBON BEARING ZONES:

Fresh Water	above 350 feet
Delaware (Oil)	
Cherry Canyon (Oil)	4000-4200 feet

4. PROPOSED CASING AND CEMENTING PROGRAM:

Casing program is shown on Form 9-331 C.

Hole for surface casing will be drill to below fresh water zones. Surface casing will then be run to bottom and cemented to the surface to protect fresh water zones.

Surface casing is large enough to run 8-5/8" and 7" cave in and/or water shut-off casing strings if necessary to do so. If either or both of these casing strings are run they will be mudded in and will be pulled.

10-3/4" surface casing will be cemented to the surface with Class "C" cement,

7" protection casing will be cemented with 150 sacks of Class "C" cement at 3100'

4-1/2" in production casing will be cemented at total depth or shallowing if significant shows are encountered in its Middle Delaware formation

5. PRESSURE CONTROL EQUIPMENT:

Pressure control equipment will consist of a control valve and oil saver.

6. CIRCULATING MEDIUM:

This will be cable tool hole. Water will be the drilling fluid.

7. AUXILIARY EQUIPMENT:

Not applicable.

8. TESTING, LOGGING AND CORING PROGRAM:

No coring is planned.

Formation test will be made as warranted by bailing hole down and measuring fluid entry rate.

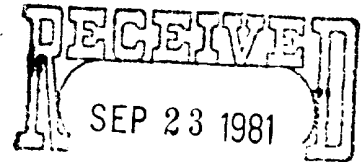
It is planned that a Gamma Ray - Neutron will be run.

9. ABNORMAL PRESSURES, TEMPERATURES OR HYDROGEN SULFIDE GAS:

None anticipated.

10. ANTICIPATED STARTING DATE:

It is planned that operating will commence on September 25, 1981.



OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

SURFACE USE AND OPERATIONS PLAN

FOR

J. C. WILLIAMSON
WELL NO. 2 EP-USA
990' FSL & 1650' FEL SEC. 26, T. 26 S., R. 29 E.
EDDY COUNTY, NEW MEXICO

LOCATED: 13 air miles southeast of Malaga, New Mexico.

FEDERAL LEASE NUMBER: 13997

LEASE ISSUED: July 1, 1971

RECORD LESSEE: El Paso Natural Gas Company

ACRES IN LEASE: 280

SURFACE OWNERSHIP: Federal

GRAZING PERMITTEE: Herman Lindley
P. O. Box 213
Mentone, Texas 79754

POOL: Wildcat. Statewide Rules.

ATTACHMENTS: A. General Road Map
B. Plat Showing Existing Wells and Existing Roads
C. Lease Plat
D. Drilling Rig Layout

1. EXISTING ROADS:

- (A) Exhibit "A" is a portion of a road map showing the location of its prepared well. Access to the location well be gained by using an existing road which comes out of the Jal Orla cut of highway. (highway 652) See Point A. Approximately 1/2 of a mile south of the location an existing ranch road angles north northwest, then northwest to approximately 100 feet north of the location.
- (B) Exhibit "B" is a plat showing existing roads in the vicinity of the well site. Existing roads are shown in blue.
- (C) The road leading directly to the location will need to be graded but no new surfacing will be needed.

2. PLANNED ACCESS ROAD:

No new access roads will be needed.

- B. Surfacing Material: No surfacing material should be needed for the prepared location. If neccessary 4" of caliche, watered and compacted will be used.
- C. Maximum Grade: Three percent.
- D. Turnouts: None Required
- E. Drainage Design: New road will have a drop of six inches from the center on each side.

F. Culverts: None required.

G. Cuts and Fills: None necessary. Only clearing and minor levelling will be required.

H. Gates and Cattle Guards: No new gates or cattle guards will be required.

3. LOCATION OF EXISTING WELLS:

A. Existing wells in the area are shown on Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES:

A. There are no existing facilities on the lease, except those at or around the J. C. Williamson #1 EP-USA.

B. If the proposed well is completed for production, the tank battery for this well will be on the west side of the drilling location pad.

5. LOCATION AND TYPE OF WATER SUPPLY:

A. It is not planned that a water well will be drilled. Water necessary for drilling will be purchased and hauled to the well site over existing and proposed roads.

6. SOURCE OF CONSTRUCTION MATERIALS:

Construction materials if needed, and no need is anticipated, will be hauled from an existing caliche pit located approximately 5 miles east of the prepared location.

7. METHODS OF HANDLING WASTE DISPOSAL:

A. Drill cuttings will be disposed of in the drilling pit.

B. Drilling fluid will be allowed to evaporate in the drilling pit until the pit is dry.

C. Water produced during test will be disposed of in the drilling pit. Oil produced during test will be stored in test tanks until sold.

D. Current laws and regulations pertaining to the disposal of human waste will be complied with.

- E. Trash, waste paper, garbage and junk will be buried in a separate trash pit and covered with a minimum of 24 inches of dirt. All waste material will be contained to prevent scattering by the wind. Location of the trash pit is shown on Exhibit "D".
- F. All trash and debris will be buried or removed from the well site within 30 days after finishing drilling and/or completion operations.
- 8. ANCILLARY FACILITIES:
 - A. None required.
- 9. WELL SITE LAYOUT:
 - A. Exhibit "D" shows the relative location and dimensions of the well pad, mud pit, trash pit, and the location of major rig components.
 - B. Only minor levelling of the well site will be required. No significant cut and fill will be necessary.
 - C. The pad and pit area has been staked and flagged.
- 10. PLANS FOR RESTORATION OF THE SURFACE:
 - A. After completion of drilling and/or completion operations, all equipment and other material not needed for operations will be removed. Pits will be filled and the location cleaned of all trash, junk and all material buried so as to leave the well site in an as aesthetically pleasing condition as possible.
 - B. Any unguarded pits containing fluids will be fenced until they are filled.
 - C. After abandonment, all equipment, trash and junk will be removed or buried and the location cleaned. Any special rehabilitation and/or special revegetation requirements of the surface management agency will be complied with and accomplished as expeditiously as possible.
- 11. OTHER INFORMATION:
 - A. Topography: The land surface is relatively level. Regional slope is to the southwest.
 - B. Soil: The top soil at the well site is a gravelly, loamy sand.
 - C. Flora and Fauna: The vegetative cover is sparse and consists.

of mesquite, grease wood, yucca, weeds and range grasses. Wildlife in the area is that typical of semi-arid desert land and includes coyotes, rabbits, rodents, reptiles dove and quail.

- D. Ponds and Streams: The Pecos River is approximately two miles west of the proposed well site. Red Bluff Reservoir is approximately two and one-half miles Southwest of the well site.
- E. Residence and Other Structures: There are no occupied dwellings or windmills within two miles of the proposed well site.
- F. Archaeological, Historical, and Other Cultural Sites: None observed in the area.
- G. Land Use: Grazing and hunting in season.
- H. Surface Ownership: Federal.
12. OPERATOR'S REPRESENTATIVE:

Representative responsible for assuring compliance with the approved Surface Use Plan is:

J. C. Williamson
1385 Midland National Bank Tower
Midland, Texas 79701
Office Phone: 915-682-1797
Home Phone: 915-682-8357

13. 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 the 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 J. C. Williamson and its contractors and subcontractors in conformity with this plan and the term and conditions under which it is approved.

9-21-81
Date


J. C. WILLIAMSON, OPERATOR

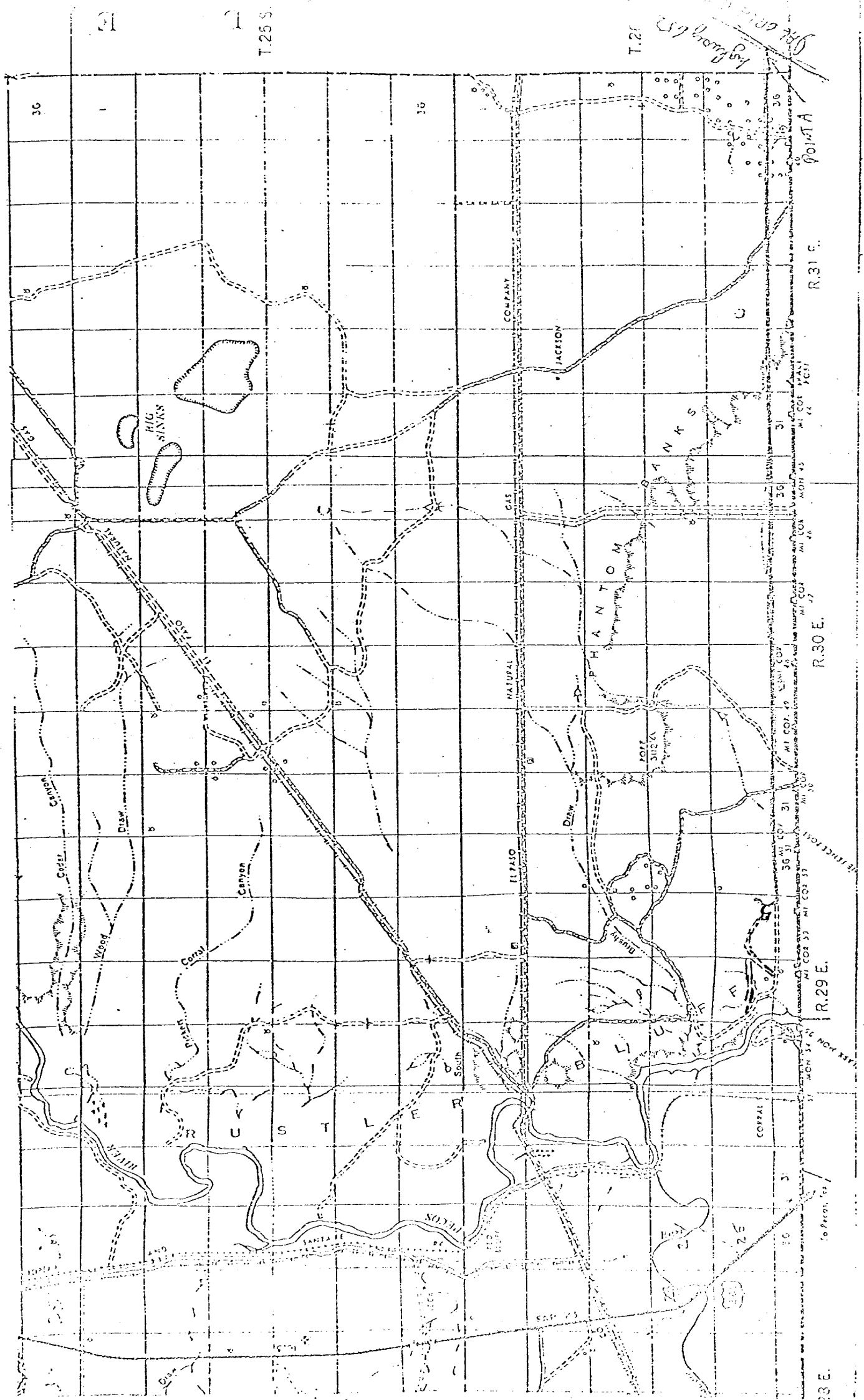
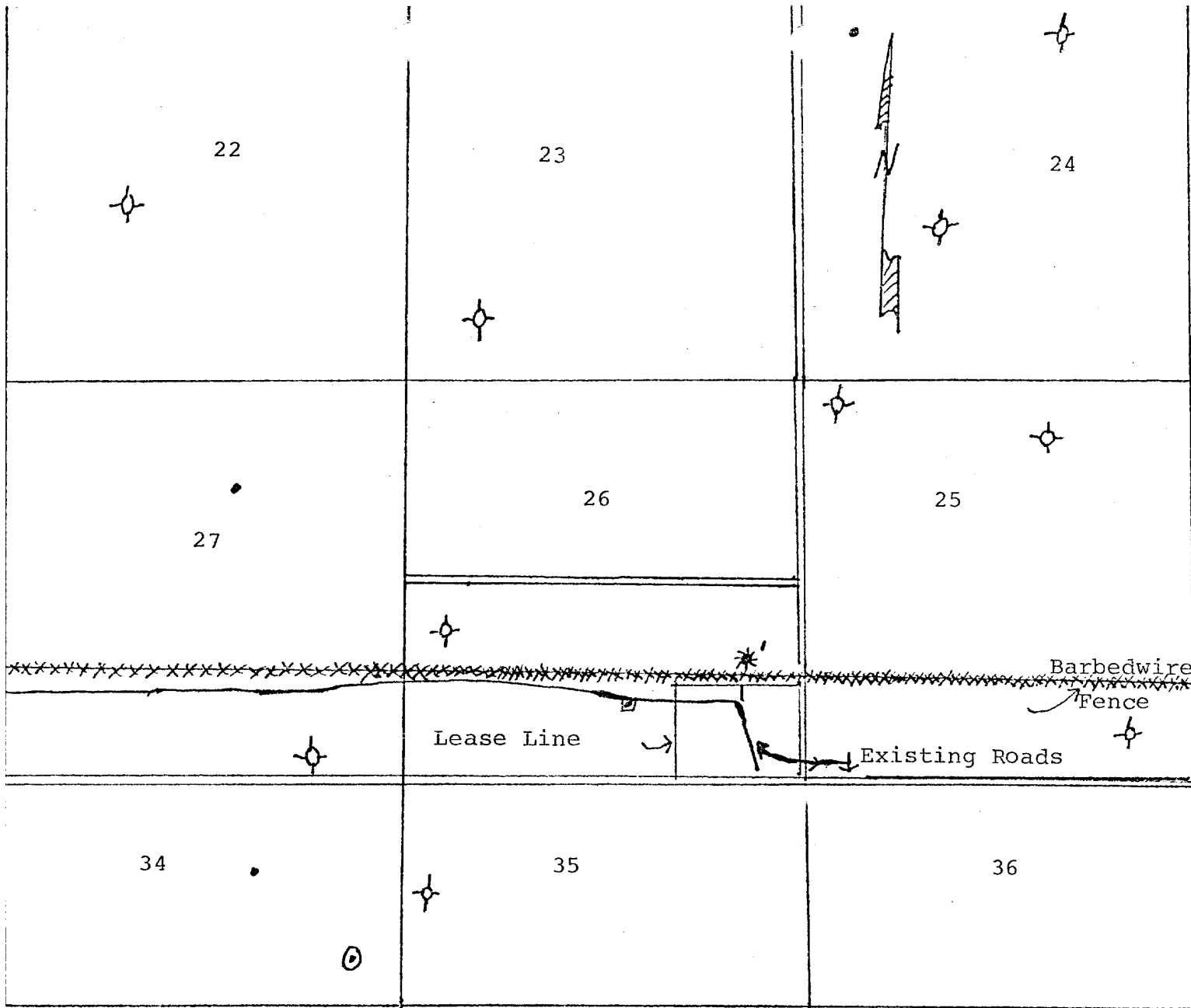


EXHIBIT "A"

J. C. WILLIAMSON
EP-USA
WELL # 2



Legend:

- ☐ Proposed Well Location
- Oil Well * Gas Well
- ⊕ Plugged Well
- Existing Roads
- xxxxx Barbed wire Fence
- Lease Lines

EXHIBIT "B"

J. C. Williamson
Well No. 2 EP-USA
990 FSL & 1650 FEL
Sec. 26, T-26-S R-29-E
Eddy County, New Mexico

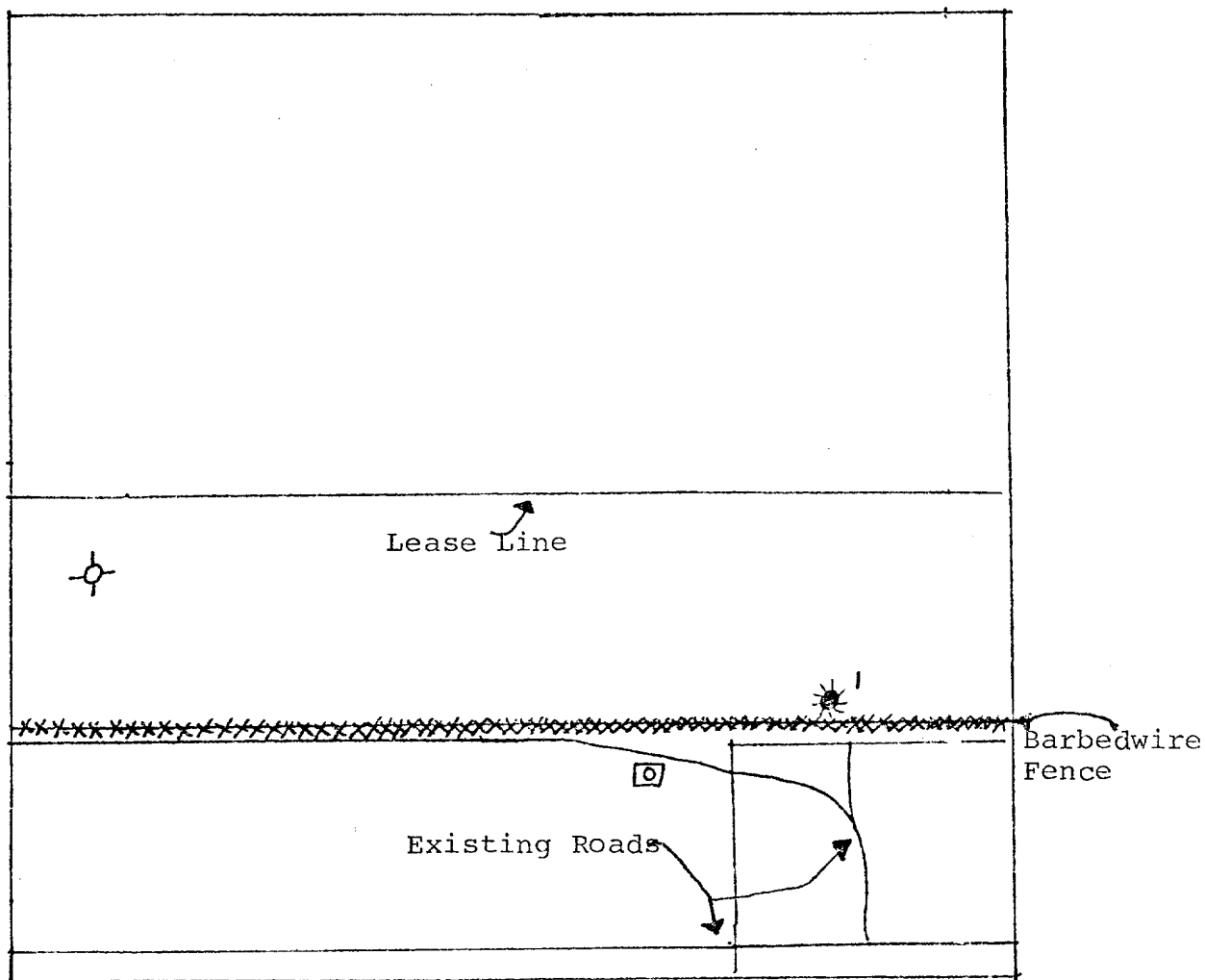


Exhibit "C"

J. C. Willlliamson
Well No. 2 EP-USA
990' FSL & 1605 FEL
Sec. 26, T-26-S, R-29-E
Eddy County, New Mexico

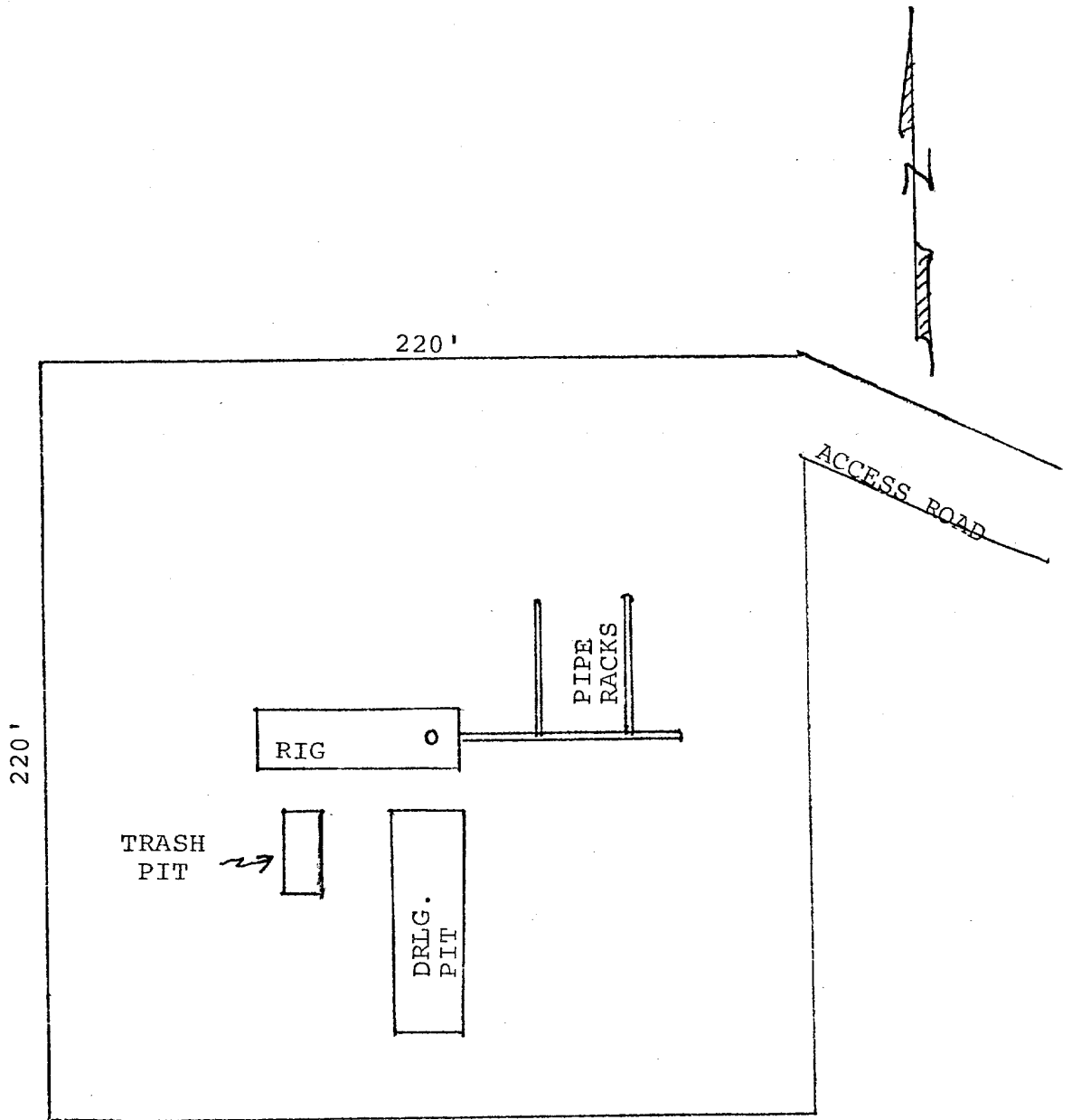


EXHIBIT "D"

J. C. Williamson
2 EP-USA
Scale: 1" = 50"