

UNITED STATES COPY TO O. C. C.
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Getty Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 730, Hobbs, NM 88240

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

At surface Unit letter A, 330' FNL & 330' FEL

Sec. 13, T25S, R35E

At proposed prod. zone

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

6 miles west of Jal, New Mexico

15. DISTANCE FROM PROPOSED*

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

330'

16. NO. OF ACRES IN LEASE

400'

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

3700'

20. ROTARY OR CABLE TOOLS

Rotary

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

22. APPROX. DATE WORK WILL START*

5-1-79

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11	8 5/8	24	500	300 sxs
7 7/8	5 1/2	15.5	3700	1200 sxs

The proposed well will be drilled from the surface to a total depth of 3700' with rotary tools. The pump and plug process will be used in cementing all strings of casing and cement will be circulated to the surface on the 8 5/8" and 5 1/2" casing. The 5 1/2" casing will be perforated as indicated by electric logs opposite the Yates formation.

The drilling fluid will be brine water and mud of sufficient weight to condition hole for logging and running casing. Blowout preventers will be installed and tested to 5000 psi.

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

Dale R. Crockett

TITLE

Area Superintendent

DATE

4-11-79

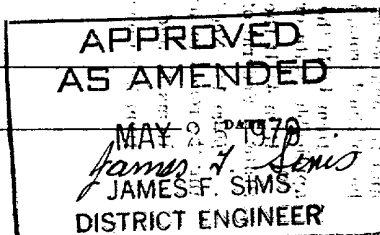
PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:



*See Instructions On Reverse Side

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MAY 29 1979

OIL CONSERVATION COMM.
HOBBS, N. M.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

All distances must be from the outer boundaries of the Section

Owner GETTY OIL COMPANY			Lease Federal 13-A			Well No. 1		
Section "A"	Section 13	Township 25 South	Range 35 East	County Lea				
Actual Well Location of Well: 330 feet from the North line and 330 feet from the East line								
Ground Level Elev. 3139	Producing Formation Tansill Yates			Pool Wildcat (Oil)			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).
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 Drilling Unit

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 <u>Herschel L. Jones</u> Position <u>Area Superintendent</u>	
				Company <u>Getty Oil Company</u> Date <u>4-11-79</u>	
				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.	



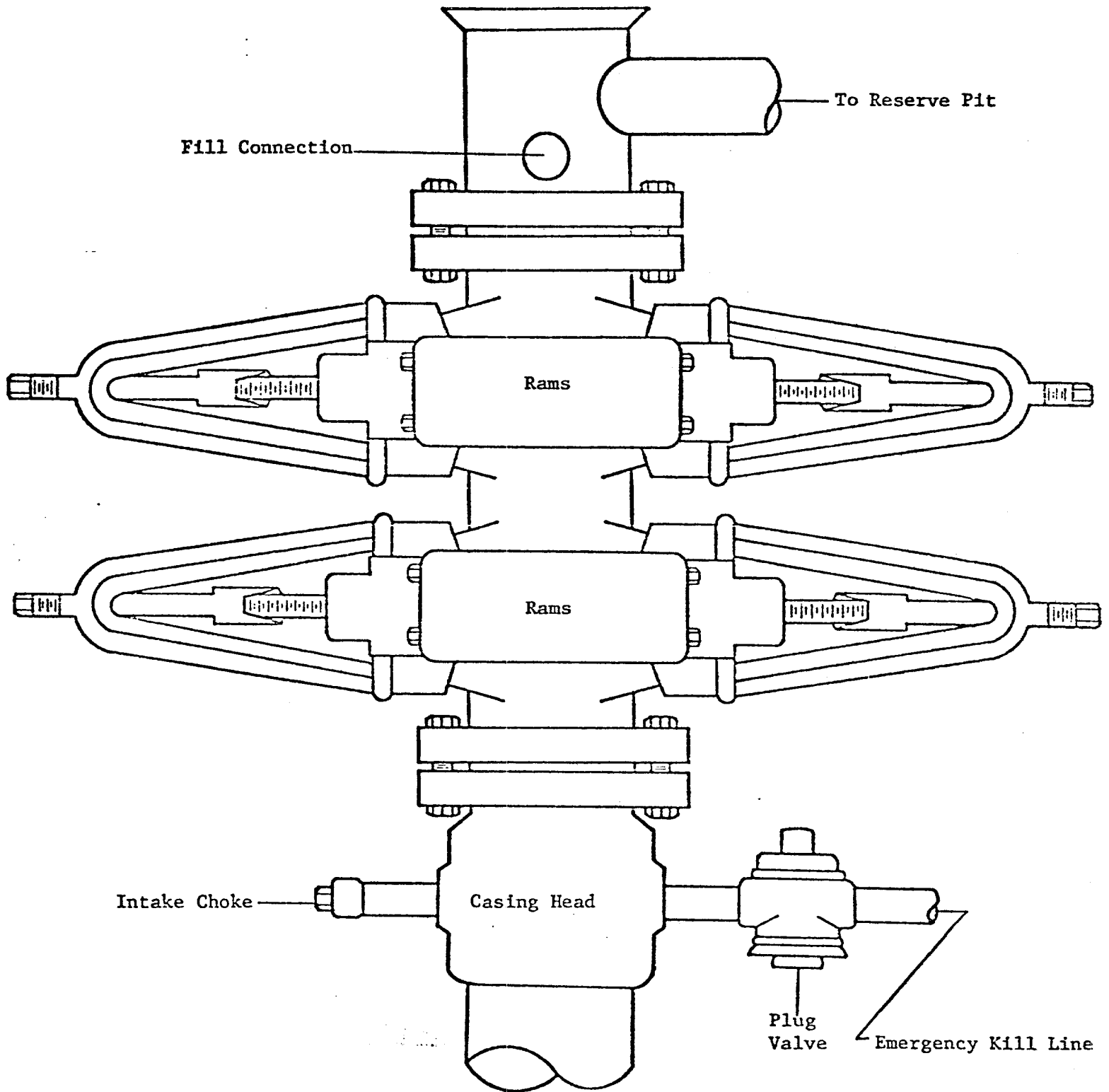
Date Surveyed April 3, 1979
Registered Professional Engineer and Land Surveyor
Certificate No. 3640

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HOODS, N. M.

GETTY OIL COMPANY
FEDERAL 13-A WELL NO. 1
5000 PSI WORKING PRESSURE
DRELLING CONTROL HOOK-UP



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ADDITIONAL INFORMATION FOR
"APPLICATION FOR PERMIT TO DRILL"
GETTY OIL COMPANY
FEDERAL 13-A WELL NO. 1

- (1) The geologic name of the surface formation is Quaternary.
- (2) The estimated tops of important geologic markers are as follows:

<u>Formation</u>	<u>Depth from Surface</u>
Anhydrite	1170'
Salt	1270'
Tansill	3315'
Yates	3415'

- (3) The estimated depths at which anticipated water and oil could be encountered are:

<u>Depth</u>	
50' - 300'	Possible small volume of fresh water
3315'	(Tansill) Possible oil
3415'	(Yates) Possible oil

- (4) The proposed casing program - See attached "Application For Permit to Drill".
- (5) The minimum specifications for pressure control equipment to be used - See Figure 1. The BOP stack will be tested to 5000 psi.
- (6) The drilling fluid will consist of brine with sufficient gel to condition hole for logging and running casing.
- (7) The auxiliary equipment to be used is as follows:
 - (1) Kelly Cocks
 - (2) Sub on the floor with a full opening valve to be stabbed into drill pipe when the Kelly is not in the string.
- (8) One or two conventional cores will be taken in the Tansill-Yates. Drill stem tests may also be run in this interval. The logging program is as follows:

<u>Type Log</u>	<u>Interval</u>
Compensated Neutron-Formation Density	Surface-3700'
Dual Lateral RXO	500'-3700'
BHC Sonic	500'-3700'

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- (9) No anticipated abnormal pressures or temperatures or hydrogen sulfide gas are expected to be encountered.
- (10) The expected starting date is May 1, 1979. It is anticipated that this well should be drilled and completed in 14 days.

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OIL CONSERVATION DIVISION
HOUSTON, TEXAS

MULTI-POINT SURFACE USE AND OPERATIONS PLAN

GETTY OIL COMPANY

FEDERAL 13-A

WELL NO. 1

330' FNL & 330' FEL, SEC. 13-T25S-R35E

LEA COUNTY, NEW MEXICO

This plan is submitted with our Application for Permit to Drill the above well. The purpose of the plan is to describe the location of the well, the proposed construction activities and operations plan, the magnitude of necessary surface disturbance involved, and the procedures to be followed in rehabilitating the surface after completion of the operation so that a complete appraisal can be made of the environmental effects associated with the operation.

(1) Existing Roads

- A. Exhibit "A" is a highway map showing the location of the proposed well. The location is as follows: Take Highway 18 from Hobbs to Jal. From Jal go west on Highway 128 for approximately 6 miles. Turn left onto lease access road shown in Exhibit "B". Go on this access road 3/4 mile to the location.
- B. Exhibit "B" is a plat showing the existing roads within a radius of 1 mile of the proposed well and the planned access road to the location.

(2) Planned Access Road

- A. Length and Width: 3400' of new road will be required. This road will be constructed from the existing road south to the well site as shown on Exhibit "B". The new road will be 12 feet wide.
- B. Surfacing Material: The new road will consist of six inches of caliche which will be watered, compacted, and graded.
- C. Maximum Grade: 3 percent.
- D. Turnouts: One turnout will be constructed 1500' north of the well. The turnout will increase the width of the road 20 feet for a distance of 30 feet.
- E. Drainage Design: New road will have a drop of 6 inches from center line on each side.
- F. Culverts: None needed.
- G. Cuts and Fills: None required.
- H. Gates, Cattleguards: One cattleguard will be set in the fence at the entrance to the access road.

(3) Location of Existing Wells

- A. Exhibit "B" shows wells within a two mile radius of the proposed well.

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- (4) Location of Proposed Facilities
- A. If the well is productive, the tank battery and flow line will be located on the well pad and no additional surface disturbance will occur.
- (5) Type of Water Supply
- A. Water for drilling will be trucked to the well site from Jal, New Mexico to the well site over the existing and proposed roads shown on Exhibits "A" and "B".
- (6) Source of Construction Materials
- A. Caliche for surfacing the road and the well pad will be obtained from a pit in the NW/4 Sec. 16-25S-36E. The pit is on land owned by W. D. Dinwiddie. The location of the pit is shown on Exhibit "B".
- (7) Methods of Handling Waste Disposal
- A. Drill cutting will be disposed of in the drilling pits.
- B. Drilling fluids will be allowed to evaporate in the drilling pits until pits are dry.
- C. Water produced during tests will be disposed of in the drilling pits.
- D. Current laws and regulations pertaining to the disposal of human waste will be complied with.
- E. Trash will be buried in a trash pit and covered with a minimum of 24 inches of dirt. All waste material will be contained to prevent scattering by the wind.
- F. All trash and debris will be buried or removed from the well site within 30 days after finishing completion operations.
- (8) Ancillary Facilities
- A. None required.
- (9) Wellsite Layout
- A. Exhibit "C" shows the relative location and dimensions of the well pad, mud pits, reserve pit, trash pit, and major rig components.
- B. Only levelling of the well site will be required. No significant cuts and fills will be necessary.
- C. The reserve pit will be plastic lined.
- D. The pad and pit area has been staked and flagged.
- (10) Plans for Restoration of the Surface
- A. After completion of operations, all equipment and other material not needed for operations will be removed. Pits will be filled and location cleaned of all trash and junk.

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- B. Any unguarded pits containing fluids will be fenced until they are filled.
- C. Any special rehabilitation and revegetation requirements of the surface management agency will be complied with and accomplished as soon as possible. All pits will be filled and levelled within 90 days of completion or abandonment of the well.

(11) Other Information

- A. Topography: The land surface is arid and gently rolling. From an elevation of 3137' at the well site, the surface slopes toward the south at 40' per mile.
- B. Soil: The topsoil is sandy.
- C. Flora and Fauna: This area is sparsely covered by sage brush and native grass. Wildlife in the area is mainly rabbits, rattlesnakes, and coyotes.
- D. Ponds and Streams: There are no rivers, streams, lakes, or ponds in the area.
- E. Residences and Other Structures: The nearest windmill water well is 1 1/2 miles west of the well site. The nearest residence is 1 mile east of the well site.
- F. Archeological, Historical, and Cultural Sites: None observed in the area.
- G. Land Use: Grazing.
- H. Surface Ownership: Well site is on Federal surface. Approximately 1400' of the access road is on Fee surface owned by W. D. Dinwiddie.

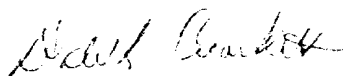
(12) Operator's Representative:

The field representative responsible for assuring compliance with the approved surface use and operations plan is:

Dale R. Crockett
P. O. Box 730
Hobbs, New Mexico 88240
Office Phone: 505-397-3571
Home Phone: 505-393-6326

(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 Getty Oil Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

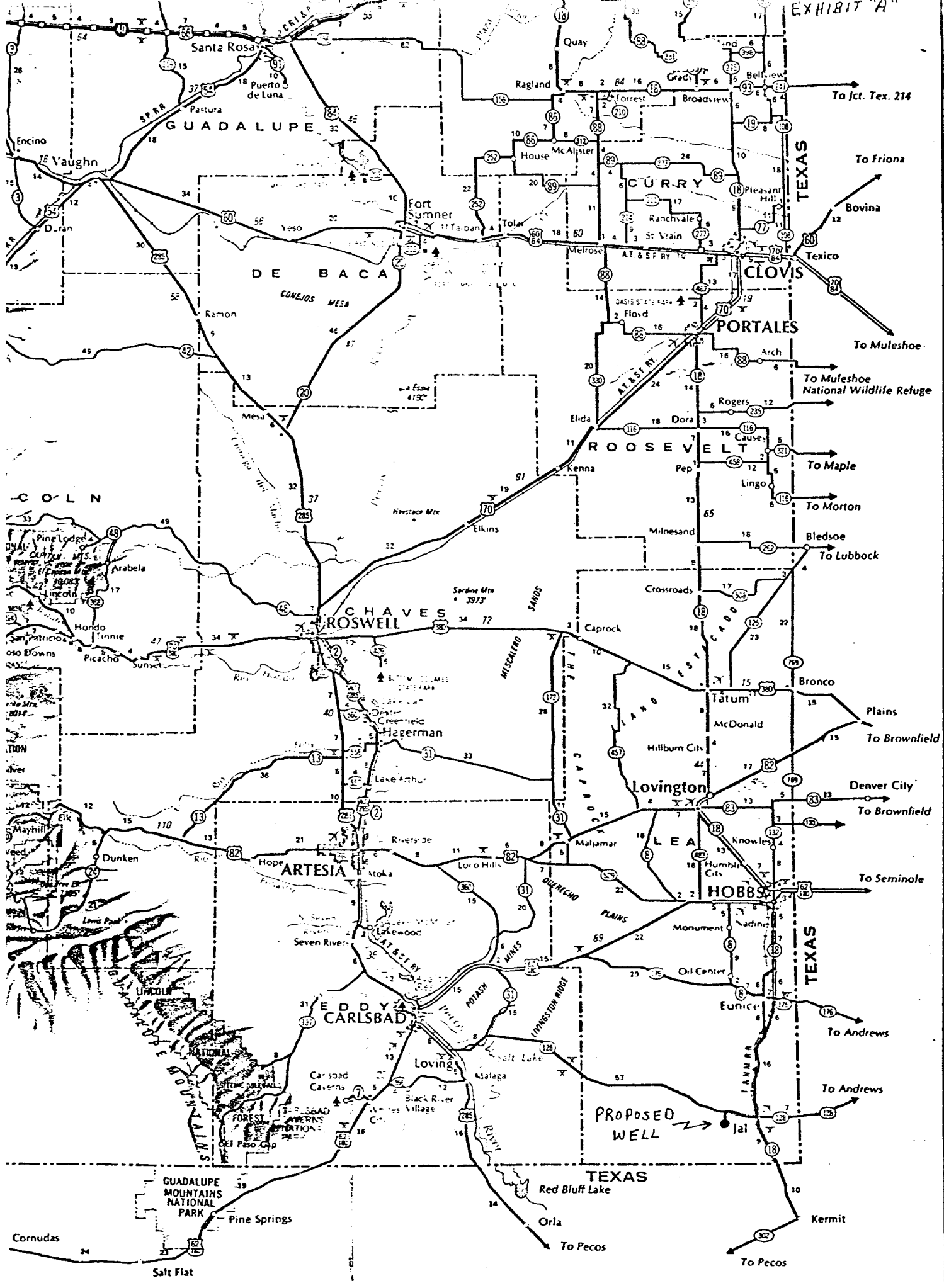

Dale R. Crockett
Area Superintendent

April 11, 1979

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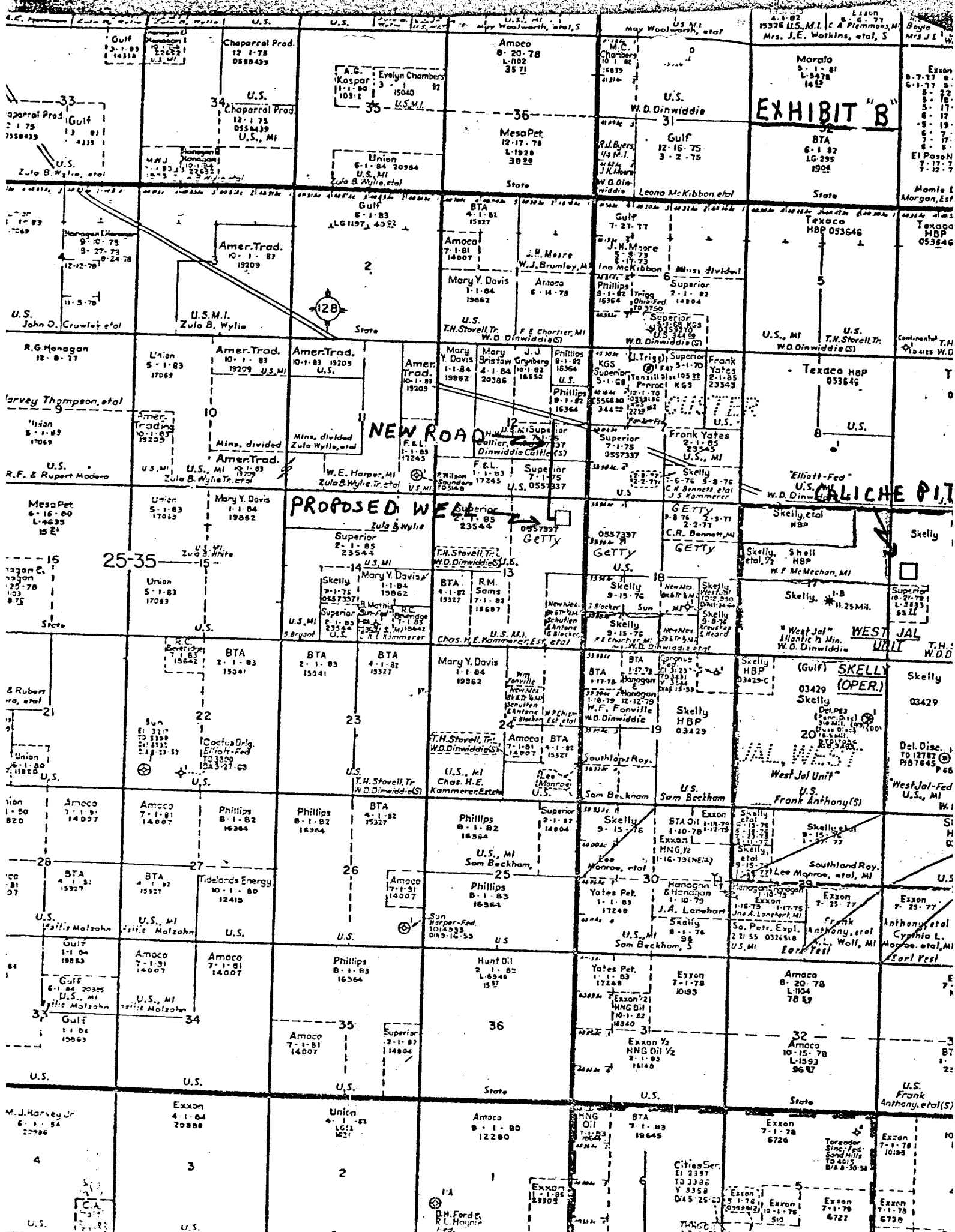
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HEDDS, H. M.



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HOOBS, IL IL**

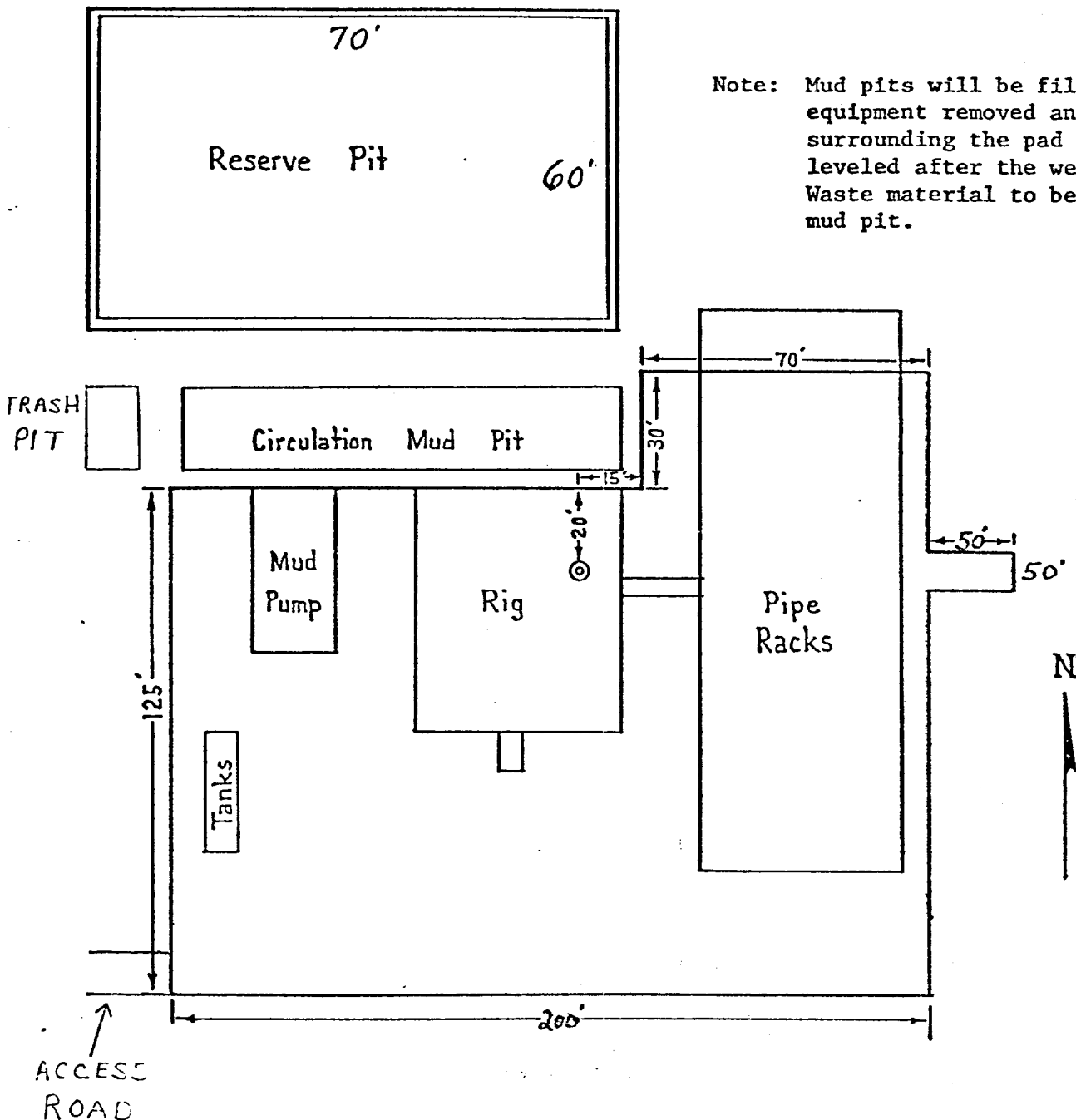


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HOUSTON, TX

EXHIBIT "C"
 DRILLING LOCATION LAYOUT
 Schematic
 (Not Scaled)



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OIL CONSERVATION COMM.
HOBBES, N. M.

COPY TO O. C. C.



Getty Oil Company

Central Exploration and Production Division

P. O. Box 730

Hobbs, New Mexico 88240

May 8, 1979

United States Department of the Interior

Geological Survey

P. O. Box 1157

Hobbs, New Mexico 88240

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U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

Re: Federal 13-A

Well No. 1

330' FNL & 330' FEL, Sec. 13, T-25S, R-35E

Lea County, New Mexico

Gentlemen:

Attached are Amendments to our previously submitted Multi-Point Surface Use and Operations Plan. These changes were necessary because the planned access road was rerouted around a tract of fee land. As discussed with Mr. Brown of your office and Mr. Wileman of the BLM, an agreement could not be made with the rancher whose land the previously proposed road would cross.

Yours truly,

A handwritten signature in cursive script, appearing to read "Dale R. Crockett".

Dale R. Crockett

Area Superintendent

ELB/de

Attachment

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HOBBBS, N. M.

AMENDMENTS TO MULTI-POINT SURFACE USE AND OPERATIONS PLAN

GETTY OIL COMPANY

FEDERAL 13-A

WELL NO.1

330' FNL & 330' FEL, SEC. 13, T-25S, R-35E

LEA COUNTY, NEW MEXICO

(11) Other Information

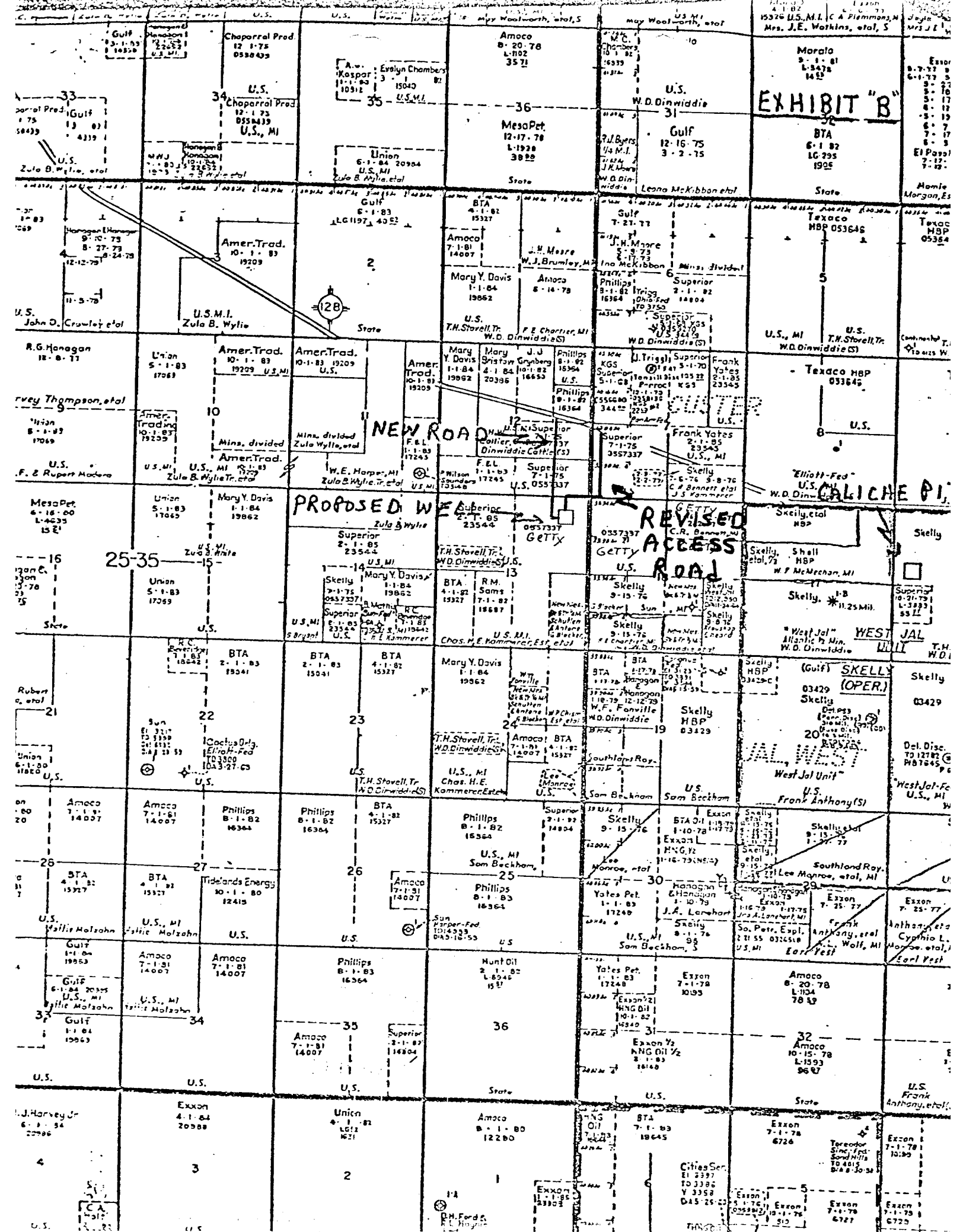
H. Surface Ownership: Well site is on Federal surface. The access road is on Federal surface.

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OIL CONSERVATION COM. A.
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