

UNITED STATES
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
Reeves Brothers Petroleum "A" LTD.

3. ADDRESS OF OPERATOR
2701 Second St., NW, Albuquerque, NM 87107

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements*)
At surface
660' FNL & 660' FEL
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
6 Mile NE of Bingham, NM

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
660'

16. NO. OF ACRES IN LEASE
320

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.
N/A

19. PROPOSED DEPTH
3300

20. ROTARY OR CABLE TOOLS
Cable

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5781 Ground Level

22. APPROX. DATE WORK WILL START*
Dec. 30, 1975

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20"	18"		30'	Set
17"	12 3/4"	40#	500' approx.	Set with 25 sxs
Production String - see below.				

Cable tools will be used to total depth. Between 500 ft. and total depth several strings of pipe may be set to case off fluids if they have too much volume for efficient cable tool drilling.

If a production string is run then either 4 1/2" or 5 1/2" casing pipe will be set depending on the hole size. Production casing will be set with 200 feet of cement above the pay zone.

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 ARTESIA, 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 *Geo. J. Ruesca* TITLE General Partner DATE Dec. 22, 1975

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY
 CONDITIONS OF APPROVAL, IF ANY:
 JAN 25 1976
 K. L. BEEKING
 ACTING DISTRICT ENGINEER

THIS APPROVAL IS RESCINDED IF OPERATIONS ARE NOT COMMENCED WITHIN 3 MONTHS.
 EXPIRES APR 27 1976

*See Instructions On Reverse Side

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.

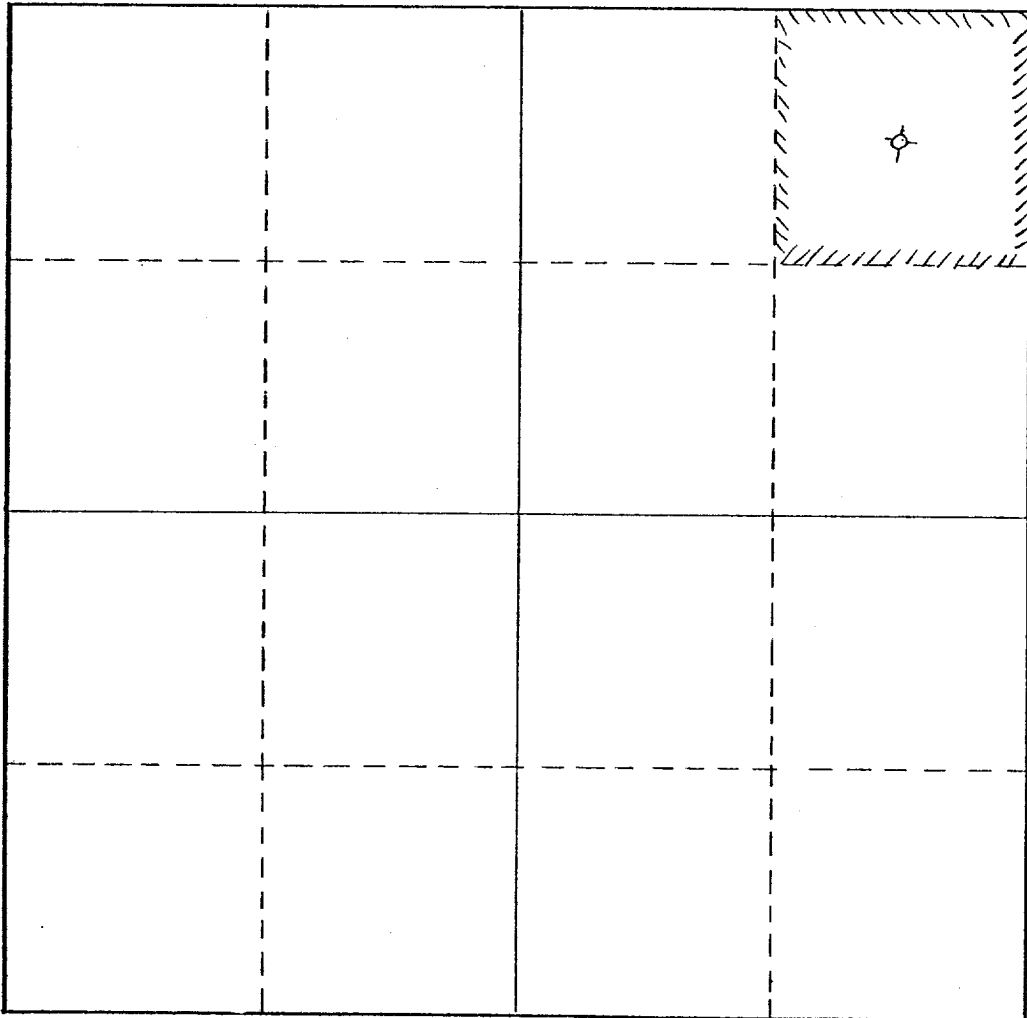
Operator REEVES BROS. PETROLEUM "A", LTD.		Lease Morrison Federal			Well # #1
Unit Letter A	Section 22	Township 4 South	Range 6 East	County Socorro	
Actual Footage Location of Well: 660 feet from the East line and 660 feet from the North line					
Ground Level Elev: 5781	Producing Formation Pennsylvanian	Pool Wildcat	Dedicated Acreage: 40 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 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.

Geo. J. Reeves

Name
Geo. J. Reeves
Position
General Partner

Company
REEVES BROS. PETROLEUM "A" LTD.

Date
December 24, 1975

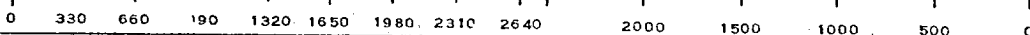
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SURVEY

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
December 23, 1975

Registered Professional Engineer and/or Land Surveyor
Raymond L. Senn
Raymond L. Senn

Certificate No.
New Mexico No. 1755



SURFACE USE PLAN

REEVES BROS. PETROLEUM "A", LTD. Site A
660' FNL & 660' FEL of Sec. 22, T4S, R6E
Lease NM 23259, Socorro County, NM

This plan is to accompany "Application for Permit to Drill" the subject well which is located approximately 6 miles Northeast of Bingham, New Mexico. The following is a discussion of pertinent information concerning possible effects which the proposed drilling of the well may have on the environment of the well and road sites and surrounding acreage. A copy will be posted on the derrick floor so that all contractors and sub-contractors will be aware of all items of this plan.

1. AREA ROAD MAP - Exhibit "A" is a portion of NM Highway Dept. Socorro County, New Mexico, showing existing roads. A good all weather dirt road runs along the East side of the proposed location.
2. LOCATION OF EXISTING WELLS - No existing wells lie within 2 miles of the proposed location. An abandoned well lies in Sec. 23, 766' FNL & 766' FWL, approximately 1400' ENE of proposed site. A second abandoned well lies in Sec. 25, 1980 FNL & 1980 FWL, approximately 1½ miles SW of this proposed site. This well is to be plugged and abandoned prior to commencing new well.
3. PROPOSED WELL MAT AND IMMEDIATE ACCESS - Refer to Exhibit "C" for direction orientation and road access.
 - a. MAT SIZE - 300' X 300'
 - b. SURFACED - Not required.
 - c. MUD PIT - 60' X 20' pit.
 - d. CUT & FILL - Location is nearly level, only general leveling will be required.
 - e. DRILL SITE LAYOUT - Exhibit "C" shows position of mat, mud pits, burn pits, and trash pits in relation to the well bore. Rig will be erected floored to the east.
 - f. SETTING AND ENVIRONMENT -
 - (1) TERRAIN - Low rolling hills. See Exhibit "B", topographic map of area.
 - (2) SOIL - Sandy loam & caliche

- (3) VEGETATION - Sparse vegetation, being mostly scrub cedar, other semi-desert plants with sparse grass and small weeds.
- (4) SURFACE USE - Grazing.
- (5) CAMPSITE - As noted on Attachment "C".
- (6) OTHER - Drill site, which is in nearly flat semi-arid desert country, is in a low environmental risk area. The total effect of drilling and producing this and other wells in this area would be minimal.

g. DISTANCES TO:

- (1) PONDS AND STREAMS - There are no surface waters within 1/2 mile.
- (2) WATER WELLS - No water well or windmill lies within 1/2 mile.
- (3) RESIDENCES AND BUILDINGS - There are no houses or buildings within 1/2 mile.
- (4) ARROYOS, CANYONS, ETC. - Outside of low rolling hills, there are no surface features within 1/2 mile. See Exhibit "A".

h. WELL SIGN - Sign identifying and locating well will be maintained at drill site with the spudding of the well.

i. OPEN PITS - All pits containing mud or other liquids will be fenced or guarded.

4. ROADS

a. EXISTING ROADS - All existing roads within three miles of well site are shown on Exhibit "A".

b. PLANNED ROADS - None required.

c. FENCES, GATES AND CATTLEGUARDS - None.

5. TANK BATTERY - If production is encountered, battery will be located on a northwest extension of the well mat as shown on Exhibit "C".

6. LEASE PIPELINES

a. EXISTING - None.

b. PLANNED - If production is encountered, it is anticipated that crude would be trucked until area is further developed.

7. WASTE DISPOSAL - Well cuttings will be disposed in mud pit. Barrel trash containers to be in accessible locations within drill site area during drilling and completion procedures. All detrimental waste will be hauled away, burned, or buried with a minimum cover of 24" of dirt. See Exhibit "C" for location of pits. If well is productive, maintenance waste will be placed in special trash cans and hauled away periodically. Any produced water will be collected in tanks until hauled to an approved disposal system, or separate disposal application will be submitted to the Survey for appropriate approval.
8. WATER SUPPLY - Supply water will be hauled.
9. ARCHAEOLOGICAL RESOURCES - None observed.
10. RESTORATION OF SURFACE - If well is productive, pits will be backfilled and leveled as soon as practical to original condition.
11. OPERATOR'S REPRESENTATIVE - Field personnel who can be contacted concerning compliance of this Surface Use Plan are as follows:

PRODUCTION AND DRILLING

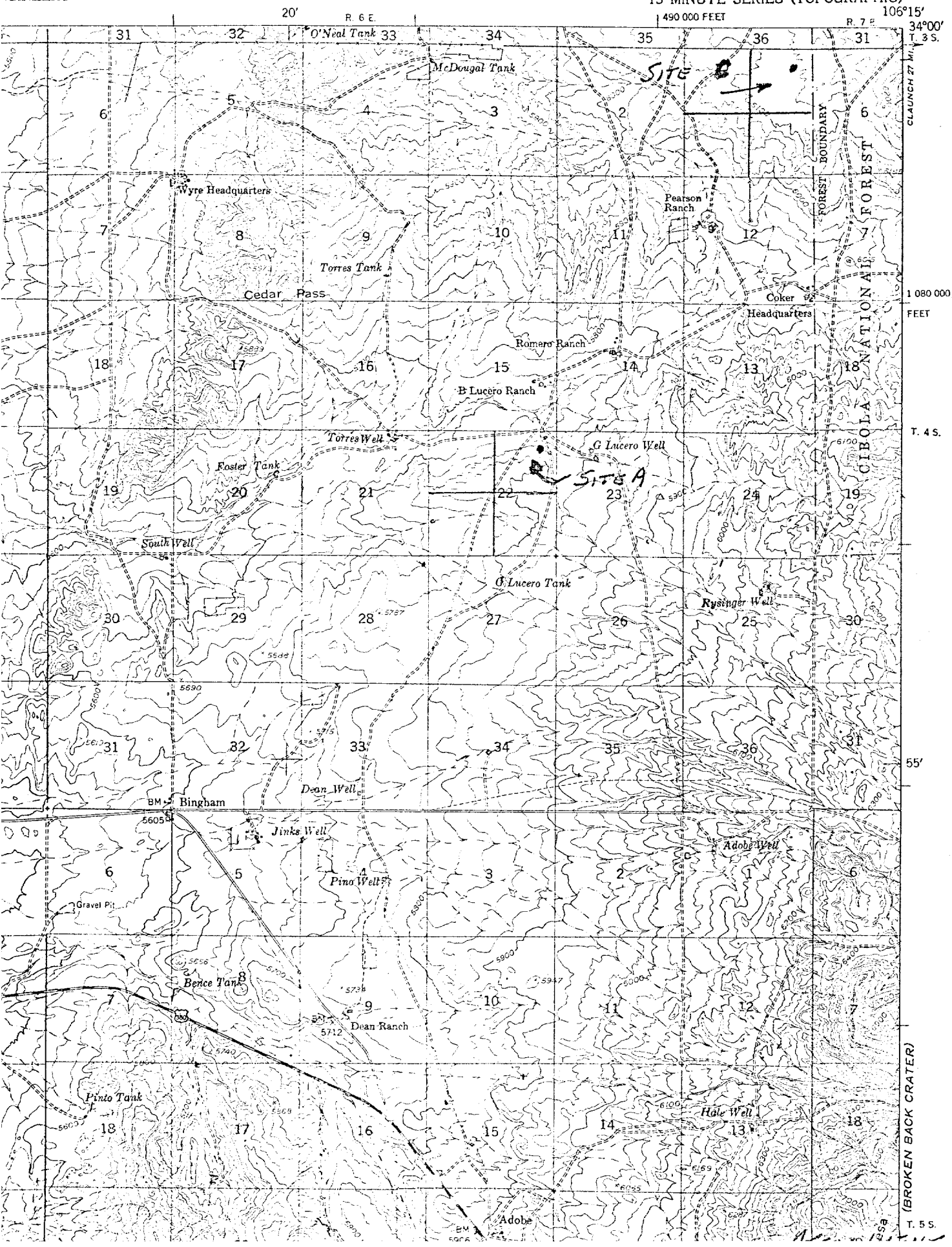
Jack R. Cash
2701 Second St. N.W.
Albuquerque, New Mexico 87107
Office Phone: 505-345-3668
Home Phone: 505-344-3986

12. 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 as they actually exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the proposed work performed by REEVES BROS. PETROLEUM "A", LTD. and its contractors and sub-contractors will conform to this plan.

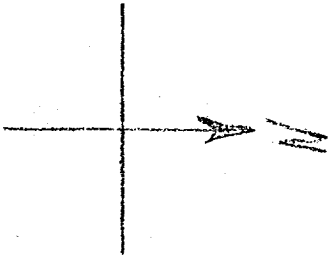
12-22-75
Date

Jack R. Cash
Jack R. Cash
Authorized Agent

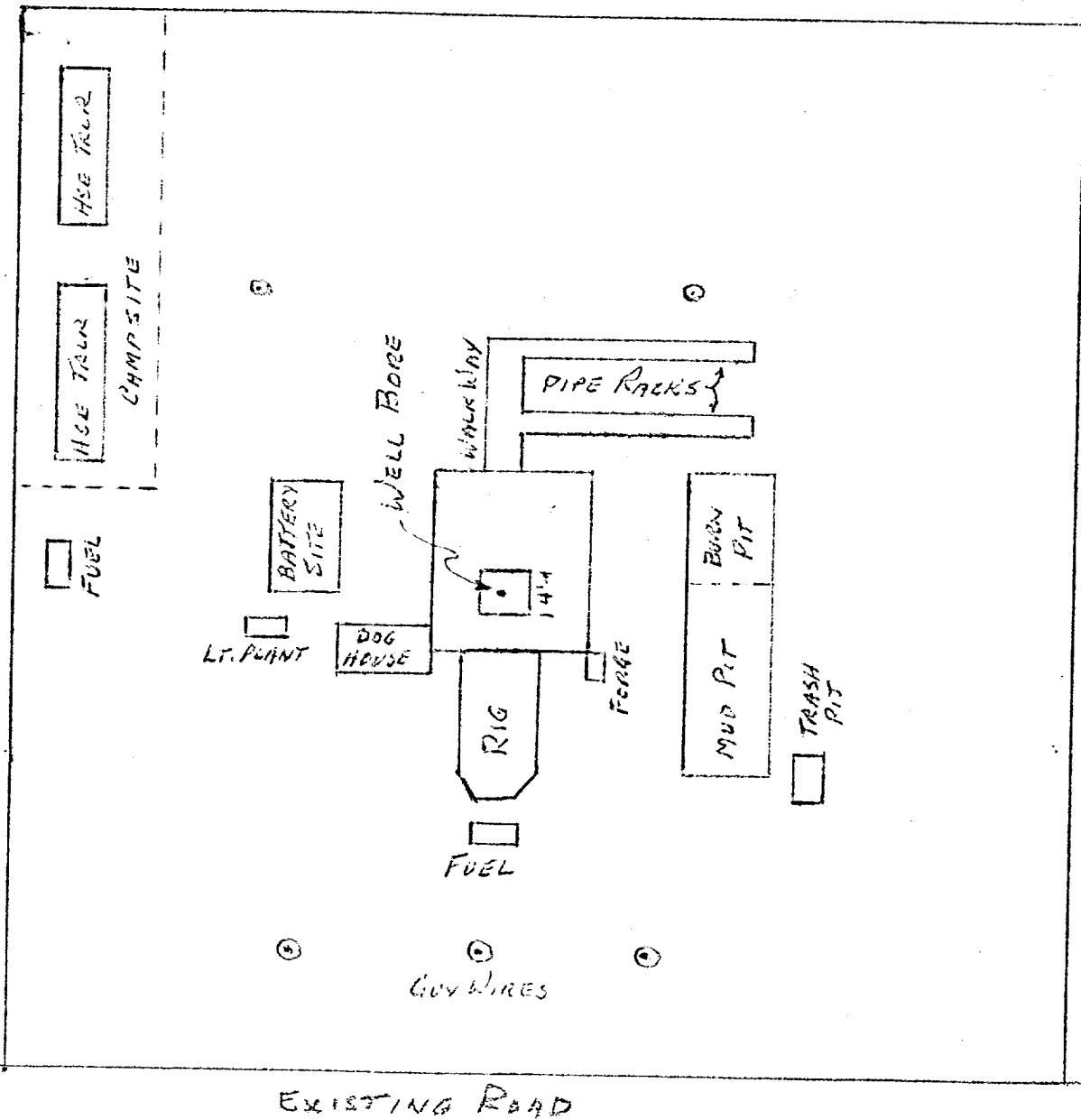


(BROKEN BACK CRATER)

"D"



SCALE: 1" = 50'



SURFACE USE PLAN: EXHIBIT "C"

REEVES BROS. PETROLEUM "A", LTD. SITE A: 660 F.S.L # 660 FEL

SEC. 22, T4S, R6E