

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-043-20257

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 Wildcat

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Universal Resources Corporation

3. ADDRESS OF OPERATOR

910 National Foundation West Bldg.,

3555 NW 58th St., Oklahoma City, Oklahoma 73112

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

At surface 1660' FSL & 1010' FWL

At proposed prod. zone

Same

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

8 miles NW of Cuba, New Mexico

15. DISTANCE FROM PROPOSED*

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

1010 feet

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

None

16. NO. OF ACRES IN LEASE

2560

19. PROPOSED DEPTH

7200

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

7438 GR

22. APPROX. DATE WORK WILL START*

November 1, 1976

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10 3/4"	8 5/8"	24	200	125 sx - circulate
7 7/8"	4 1/2"	10.5	7200	400 sx

Test well will be drilled to test the Dakota formation.

If productive, plan to run 4 1/2" to total depth and complete by selective perforations and sand-water fract.

10" Schaffer Double Gate Hydraulic blow-out preventer tested to 3000 psi will be operational during all drilling operations.

Gas is undedicated.

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. Charles J. Little SIGNED TITLE Agent DATE October 7, 1976
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: at

*See Instructions On Reverse Side

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FUNDING, C.A.G.

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

All distances must be from the outer boundaries of the Section

Operator UNIVERSAL RESOURCES Corporation			Lease JICARILLA # 28		Well No. 1
Unit Letter L	Section 28	Township 22 NORTH	Range 2 WEST	County SANDOVAL	
Actual Footage Location of Well: 1660 feet from the SOUTH line and 1010 feet from the WEST line					
Ground Level Elev. 7483	Producing Formation Wheat, Dakota test		Pool Wheat	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 communization, 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 communization, 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.

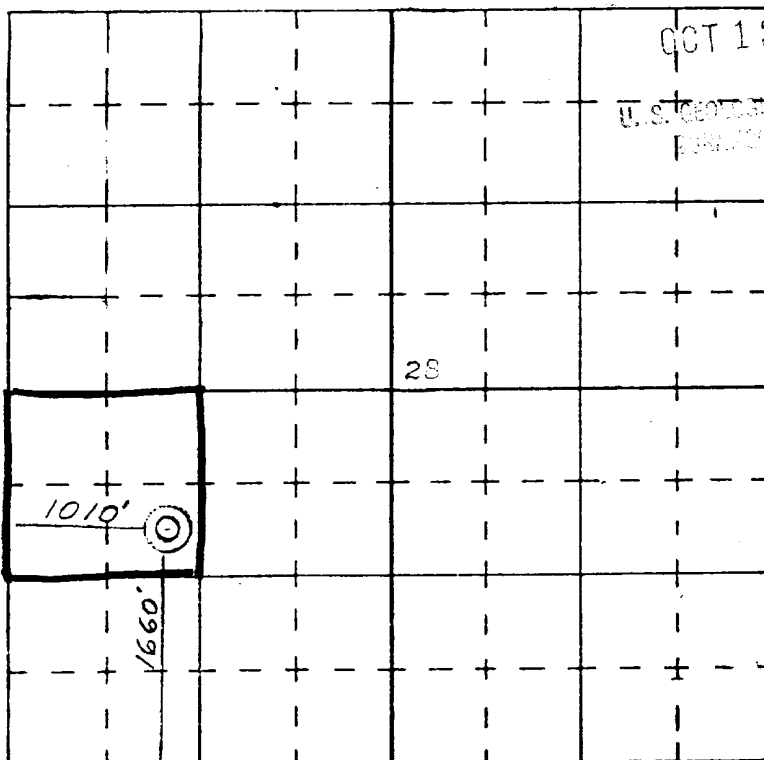
Curtis J. Little
 Name _____
 Position **Curtis J. Little**
Agent
 Company _____
Universal Resources Corporation
 Date **October 7, 1976**

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.

29 September 1976
 Date Surveyed _____
James P. Leese
 Registered Professional Engineer
 and/or Land Surveyor **James P. Leese**

1463

Certificate No. _____





WELL PROGNOSIS

Prospect/Field SE Chacon Lease # 365
 Well Name No. 1 Jicarilla 28
 State New Mexico County Sandoval
 Location NW SW Sec. 28 Twp. 22N Rge. 2W
 Footage 1660' FSL, 1010' FWL
 Elevation Gr. 7483 Kb 7495

(x) Wildcat

() Development

GEOLOGICAL REQUIREMENTS

SAMPLE PROGRAM

10 samples 2750 to 2850
 10 samples 3500 to 3700
 10 samples 4300 to 5000
 10 samples 6000 to 6200
 10 6750 to 6850
 10 6950 TD
 Samples to Amstrat: Yes ☒ No ☐
 Samples to other partners No

LOGGING PROGRAM

IES 200 to TD
 Dual Induction-Laterolog to
 CNL to
 BHC Density 6750 to TD
6000 6100
4300 5050
3550 3750
 SNP to
 Gamma Ray Neutron to
 Dipmeter to
 BHC - Sonic to

CORING PROGRAM Possible 7060-7110DST PROGRAM Possible 7060-7110

Mud Logger Required: Yes ☐ No ☒
 Type

Geologist: From 6900 to TD

Formation Tops

Depth

Ojo Alamo sand	2375
Fruitland shale	2560
Pictured Cliffs	2805
Lenis	2830
Upper Chacra silt	3165
Lower Chacra sand	3570
Cliff House	4320
Menefee	4380
Point Lookout	4910
Mancos shale	5010
Gallup sand	6010
Greenhorn limestone	6955
Graneros shale	7035
Graneros sand	7060
Dakota 1	7140
Dakota 2	7230
TD	7240

Coowners and Participants

Farmout from Union of California

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DRILLING PROGRAM

HOLE SIZE			CASING PROGRAM		
	Size	Weight	Depth	Cement	
10 3/4" to 200	8 5/8" "	24 #	200	W/ 125	sax
7 7/8" to TD	4 1/2" "	10.5 #	7200	W/ 400	sax
" to "	" "	" #	"	W/	sax

MUD PROGRAM

Type	Depth		Characteristics			
	From	To	Wt.	Vis.	%Oil	W.L.
Gel	surface	TD	9 lb.	30	5%	5

SURFACE USE AND OPERATIONS PLAN

UNIVERSAL RESOURCES CORPORATION
NO. 1 JICARILLA 28
NW SW SECTION 28, T 22N, R 2W
SANDOVAL COUNTY, NEW MEXICO

1. Existing roads.

Shown on attached plat.

2. Planned access roads.

The existing roads and trails are shown on the enclosed plat and will be improved and maintained where necessary to move the drilling equipment to location. The new 3500 feet of road to the location will not be in excess of 14 feet in width and constructed to prevent erosion.

3. Location of existing wells.

There is one dryhole in the area of this proposed test: Lloyd Smith, Inc. No. 32-1 Jicarilla drilled in 1955 to a depth of 8036 feet testing the Entrada formation located in the SE SE NW Section 32 (see topo map).

4. Location of tank batteries, production facilities, and production, gathering, and service lines.

See attached map.

5. Location and type of water supply.

Water will be hauled by truck a distance of 7.5 miles from Mr. Ernest Gurule's fee property at La Jara, New Mexico.

6. Source of construction materials.

No construction materials will be used for the drilling of proposed test.

7. Methods for handling waste disposal.

A fenced pit will be constructed to contain drilling fluids. After evaporation, the pit will be leveled and reseeded to meet USGS, BIA and Jicarilla Tribal requirements. A separate fenced pit will be utilized to contain trash and garbage. No formation water is anticipated if well is productive of gas and/or oil. If water is found, it will be contained in a pit as instructed by governmental authority.

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8. Ancillary facilities.

No camp or airstrip will be used.

9. Well site layout.

See attached plat.

10. Plans for restoration of the surface.

Universal Resources Corporation will comply with all stipulations set forth by the USGS, BIA and/or Jicarilla Tribal authorities for restoration of the surface location. Surface will be restored to as near its present condition as possible. All pits will be filled, location leveled and all disturbed land reseeded to meet USGS, BIA and Jicarilla Tribal instructions. There will be no more than a 2 foot cut on the west side of the location and all topsoil will be stockpiled. If the test hole is dry, proper markers will be erected.

11. Other information.

Terrain is of semi-arid sandy soil with primary growth of sagebrush and scattered pinon pine.

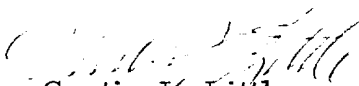
12. Lessee's or operator's representative.

Curtis J. Little
P.O. Box 80068
Albuquerque, New Mexico 87108
Phone: (505) 266-7906

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 Universal Resources Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

October 9, 1976


Curtis J. Little,
Consulting Petroleum Geologist

WELL CONTROL AND RELATED INFORMATION

UNIVERSAL RESOURCES CORPORATION
NO. 1 JICARILLA 28
NW SW SECTION 28, T 22N, R 2W
SANDOVAL COUNTY, NEW MEXICO

1. Surface casing.

200' 8 5/8", 24#/ft.

2. Size and series casing heads, flange and spools.

10" - 900 series

3. Intermediate casing.

None

4. Blowout preventor.

1 - Schaffer double type hydraulic B.O.P. with blind rams - 10" - 900 series and 4 1/2" drill pipe rams.

At least one kill line (2") with flanged connections will be installed below B.O.P. rams.

Two choke lines (2") to a manifold placed a minimum of 30' from the rig will be utilized with one variable choke and one fixed choke.

B.O.P. and accessory equipment will be tested to 3000 psig prior to drilling below surface casing. Daily operational checks of all well control equipment will be made.

5. Auxiliary well control & monitoring equipment.

- (a) Kelly Cock will be utilized.
- (b) Float at bit will be used if lost circulation conditions do not exist.
- (c) Visual monitoring of mud tank levels will be required. No special equipment will be used to monitor mud system.
- (d) A full opening drill pipe stabbing valve with proper drill pipe fittings will be utilized when the Kelly is not in the string.

6. Estimated BHP @ TD.

TD - 7200'

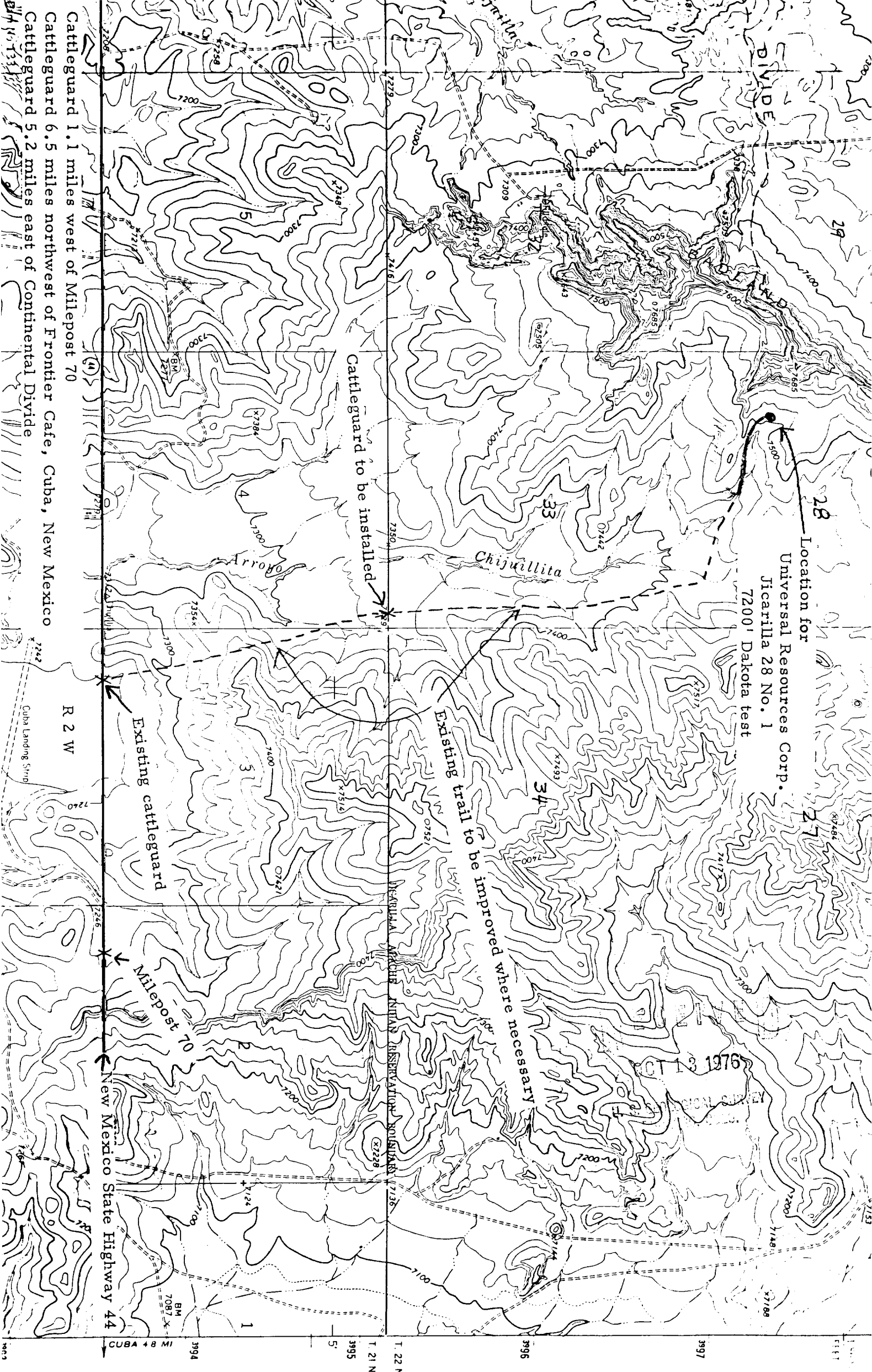
Estimated BHP - 2200 psi

7. Drilling fluid.

Chem gel type with maximum mud weight of 9.0#/gal @ TD.

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28 Location for
Universal Resources Corp.
Jicarilla 28 No. 1
7200' Dakota test

Cattle Guard to be installed

Existing trail to be improved where necessary

Existing cattle guard

Milepost 70

New Mexico State Highway 44

Cattle Guard 1.1 miles west of Milepost 70

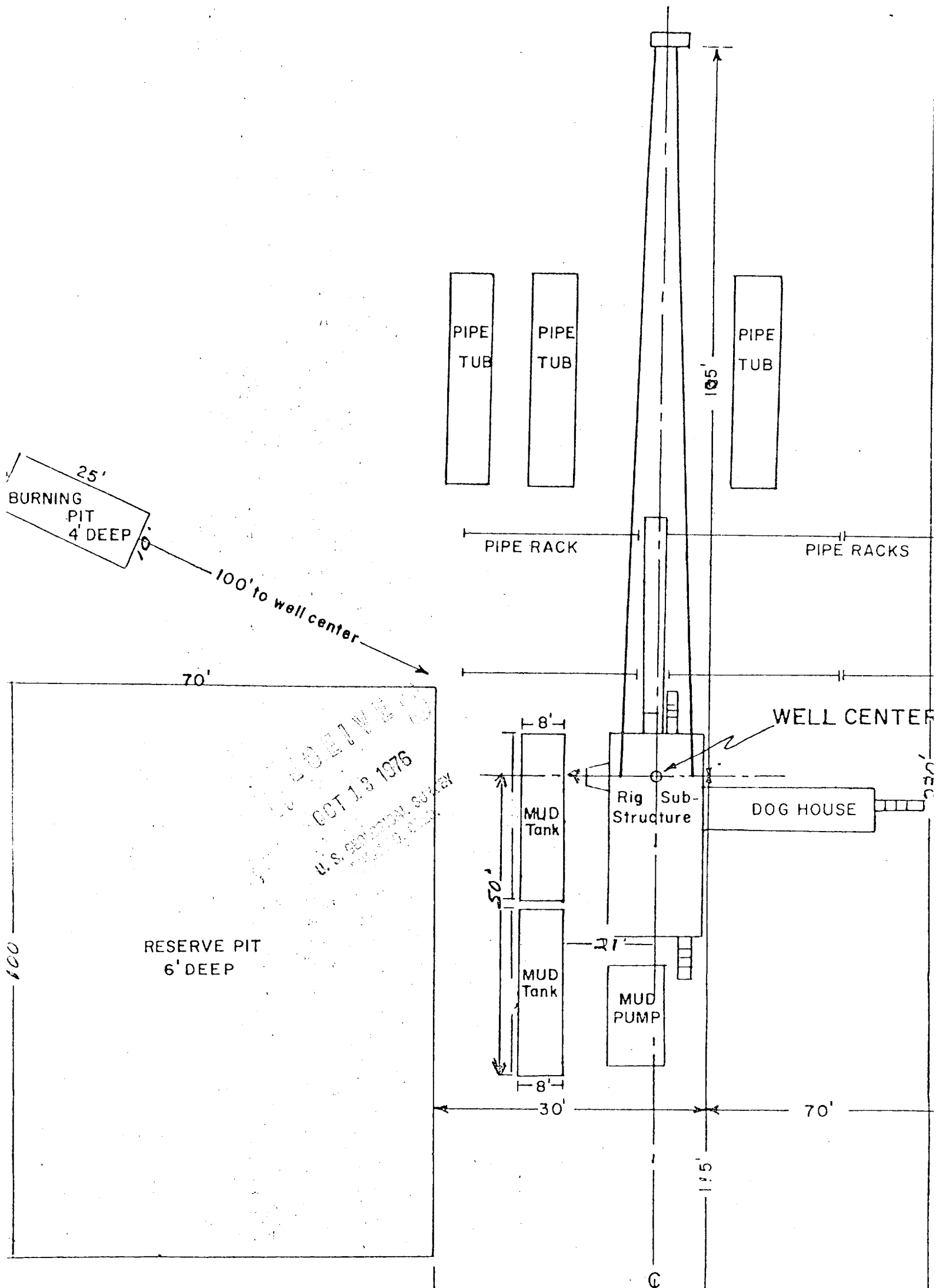
Cattle Guard 6.5 miles northwest of Frontier Cafe, Cuba, New Mexico

Cattle Guard 5.2 miles east of Continental Divide

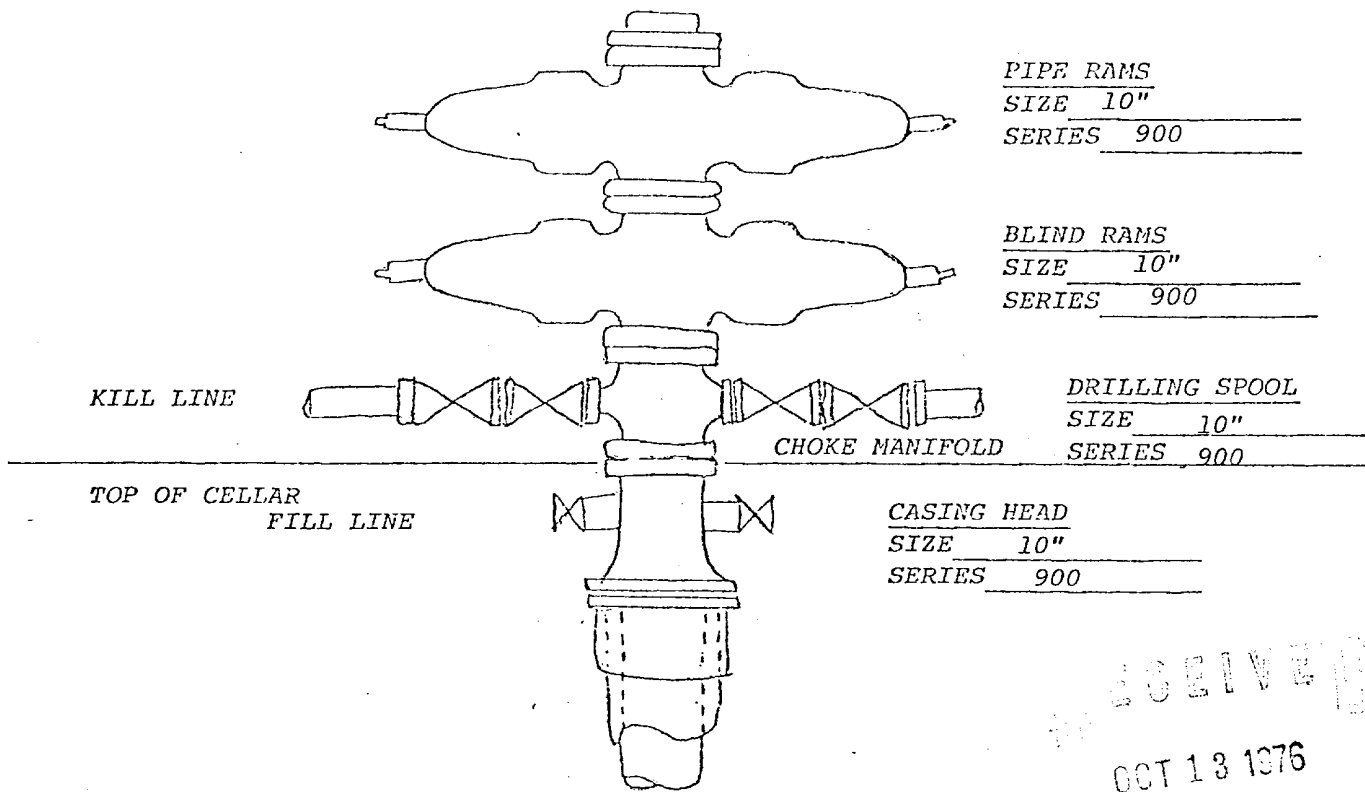
27

T. 22 N
T. 21 N
R. 2 W
CUBA 48 MI
3994
3995
3996
3997
3998

PLAN OF DRILL SITE LAYOUT



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CHOKE MANIFOLD

