

NM ACC
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYForm approved.
Budget Bureau No. 42-R1425.
(Other instructions on
reverse side)

30-015-21852

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

Atlantic Richfield Company

3. ADDRESS OF OPERATOR

P. O. Box 1710, Hobbs, New Mexico 88240

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

At surface

2485' FEL & 20' FSL (Unit letter O)

At proposed prod. zone

as above

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

13 miles East of Artesia, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

4184.00 Federal

7274.32 State

19. PROPOSED DEPTH

6012'

17. NO. OF ACRES ASSIGNED

TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

3510' GR

22. APPROX. DATE WORK WILL START*

7/15/76

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8" OD	24# K-55	1000'	Circ to surface
7-7/8"	5 1/2" OD	14# K-55	6012'	Circ to surface

Propose to drill a producing oil well in the Empire Abo Unit to complete a more efficient producing pattern, to conserve energy, promote the greatest ultimate recovery of unit reserves, prevent waste and protect correlative rights. Proposed non-standard well location to meet all requirements of Order No. R4549-B, Rule 14, NSL 743.

See Blowout Preventer Program attached.

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 Dist. Drlg. Supv.

DATE 6/1/76

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES SEP 23 1976
Instructions On Reverse Side

NE MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 10-65

All distances must be from the outer boundaries of the Section

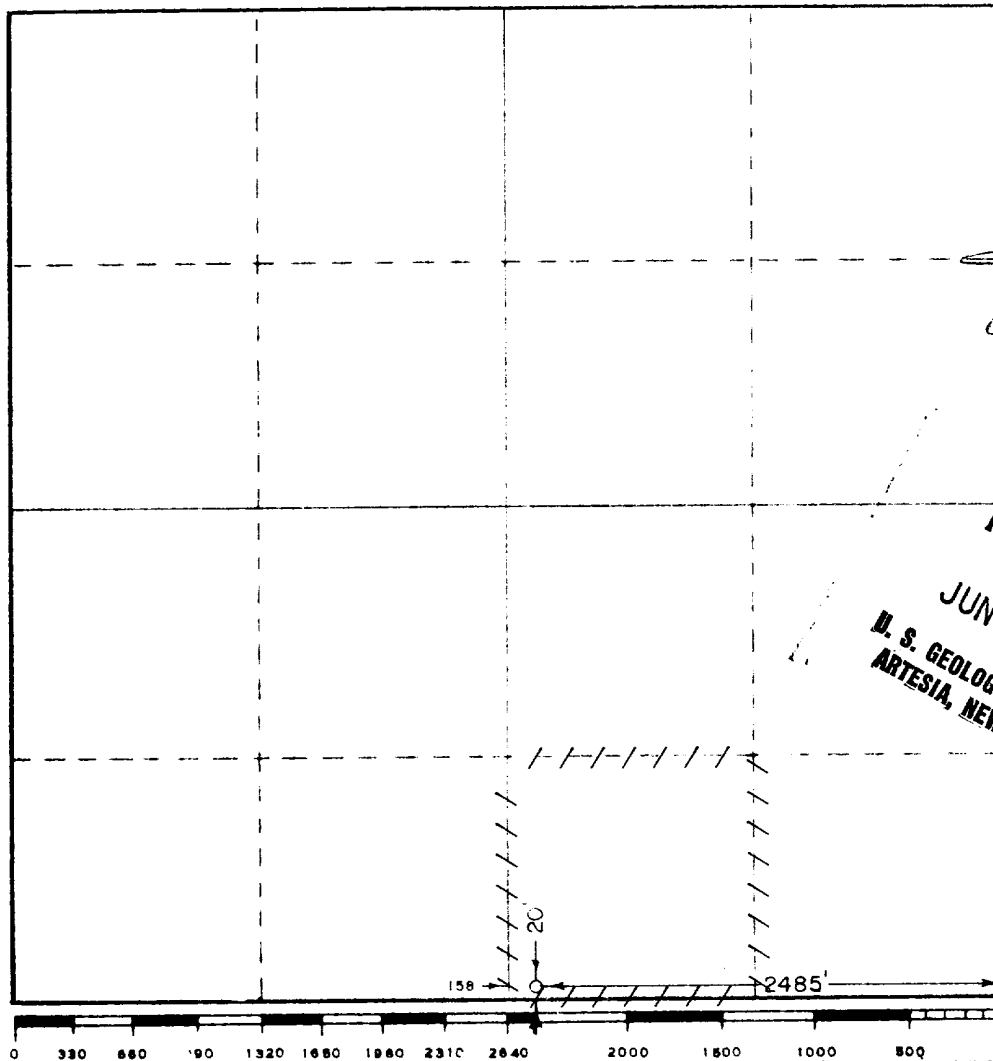
Operator Atlantic Richfield Company			Lease Empire Abo Unit L		Well No. 111
Section 0	Section 3	Section 18 South	Section 27 East	Section Eddy	
Actual Distance Location of Well: 2485		feet from the East	feet from the 20	feet from the South	
Ground Level Elev. 3510	Producing Formation Abo Reef		Producing Formation Empire Abo		Producing Formation 40

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 Unitization

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
[Signature]
Dist. Dir. Supv.

Company
Atlantic Richfield Company

Date
6/1/76

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

RECEIVED
JUN - 2 1976
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

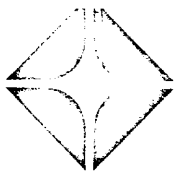
STATE OF NEW MEXICO
November 20, 1975
Registered Professional Engineer
No. 673
[Signature]
JOHN W. WEST

Permian District - West Area

Post Office Box 1710

Hobbs, New Mexico 88240

Telephone 505 393-7163

George V. Ricks, Superintendent
Production & Drilling

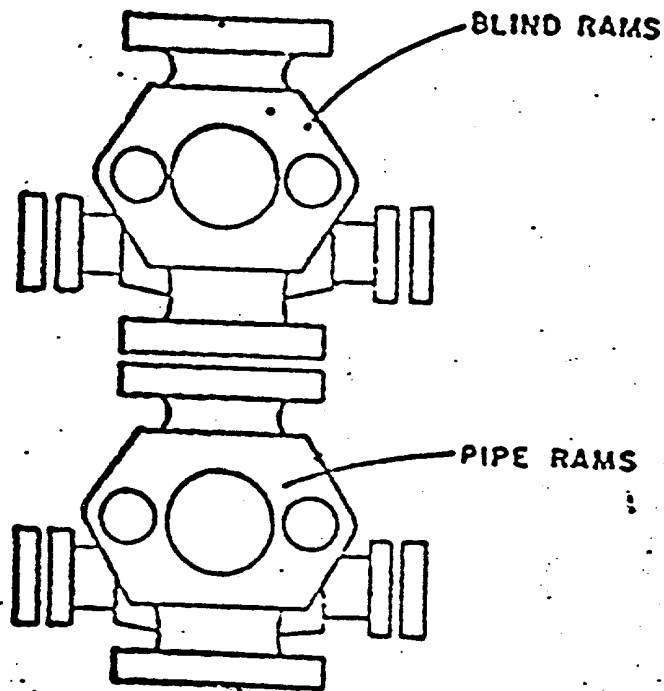
June 1, 1976

U. S. Geological Survey
P. O. Drawer U
Artesia, New Mexico 88210Re: Application for Permit to Drill
Empire Abo Unit "L" 111
2485' FEL & 20' FSL (Unit letter O)
Sec 3-T18S-R27E, Eddy County, New Mexico

1. We will exit off U. S. Highway 82 south approximately 13 miles east of Artesia, New Mexico. Attached is Exhibit #1 on which proposed location in Section 3 has been indicated along with existing roads.
2. Planned access roads: See Exhibit #1.
3. Location of existing wells: See Exhibit #2.
4. Lateral roads to well locations: See Exhibit #1.
5. Location of tank battery: See Exhibit #4.
6. Location and type of water supply: Fresh water well located in Empire Abo Unit.
7. Methods for handling waste disposal: Solid waste will be buried on location.
8. Location of camp: No camp proposed.
9. Location of airstrip: No airstrip proposed.
10. Location of layout to include position of the rig, mud tanks reserve pits, pipe racks, etc: Rig drilling mat diagram attached. Drilling pad to be compacted. See Exhibit #3.
11. Plans for restoration of surface: Graded and levelled to contour of surrounding area.
12. Any other information that may be used to evaluate the impact on environment: The area is generally level and of barren surface vegetation. No impact of significance to environment.

Yours truly,


J. D. JonesJDJ:kw
Attachments



RECEIVED
JUN - 2 1976
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

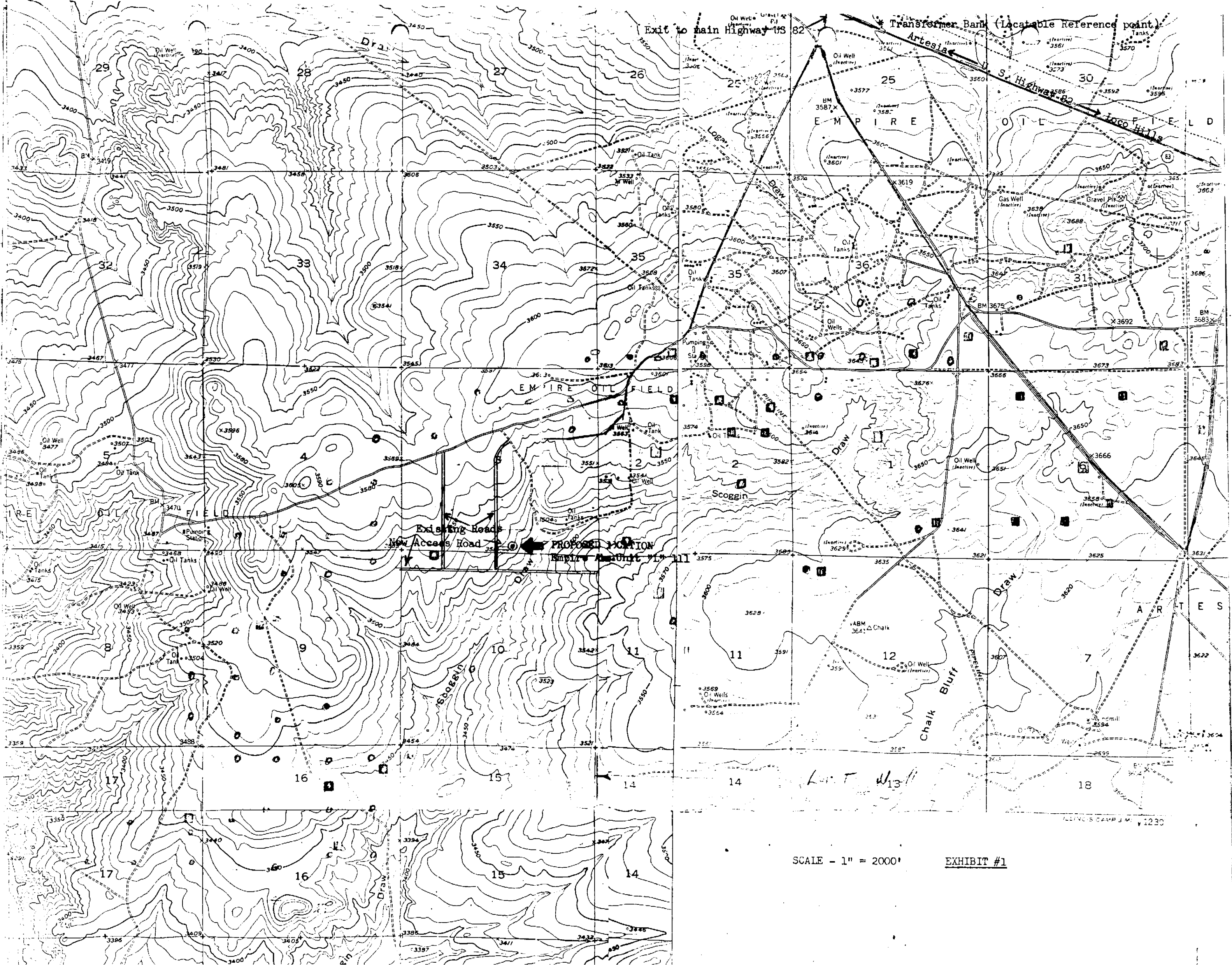
ATLANTIC RICHFIELD COMPANY
Blow Out Preventer Program

Lease Name Empire Abo Unit "L"

Well No. 111

Location 2485' FEL & 20' FSL
Sec 3-T18S-R27E, Eddy County

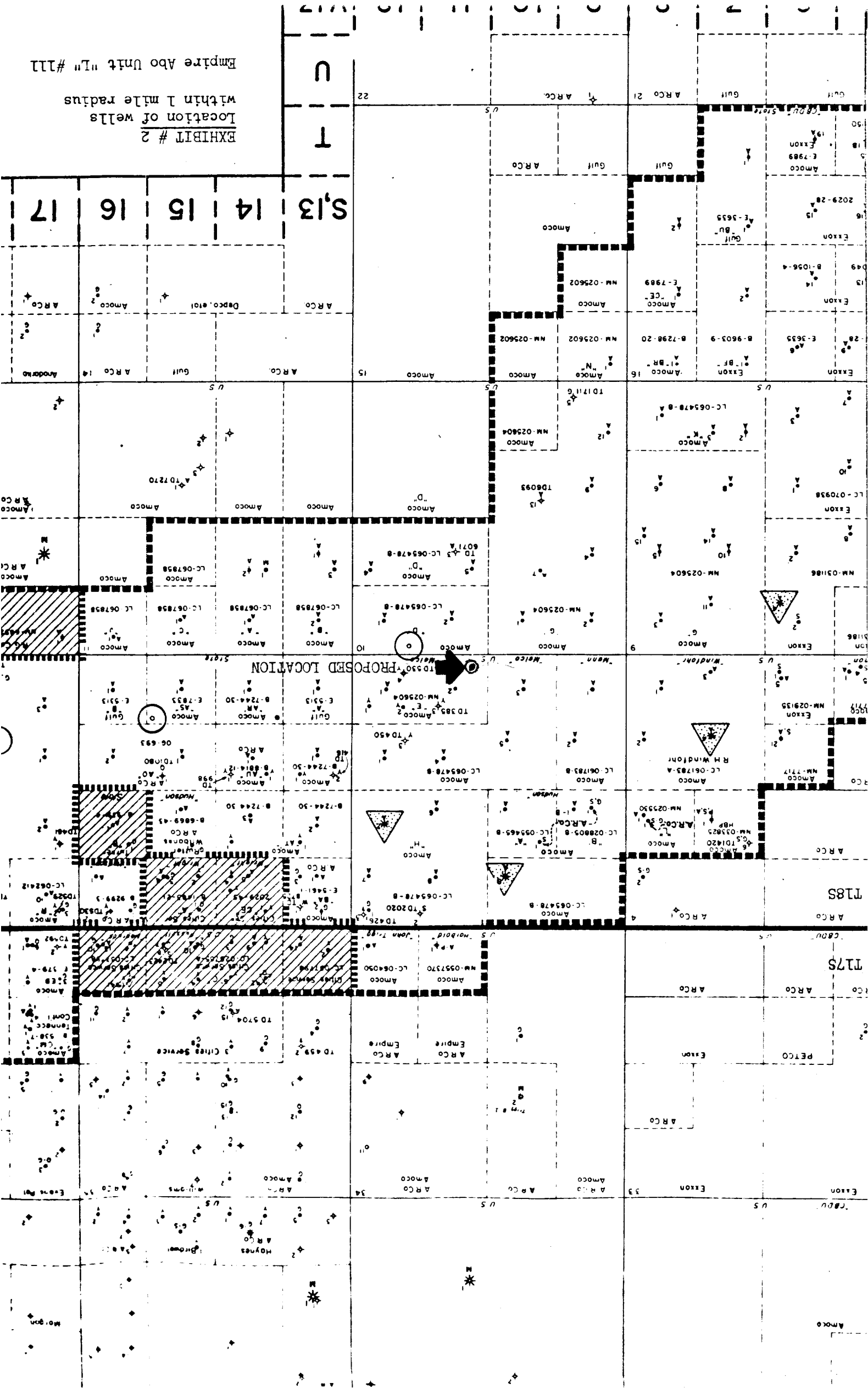
BOP to be tested before installed on well and will be maintained in good working condition during drilling. All wellhead fittings to be of sufficient pressure to operate in a safe manner.



SCALE - 1" = 2000'

EXHIBIT #1

EXHIBIT # 2
Location of wells
within 1 mile radius
Empire Abo Unit "L" #111



12' Trash Pit

Reserve:
75' Pit
75'

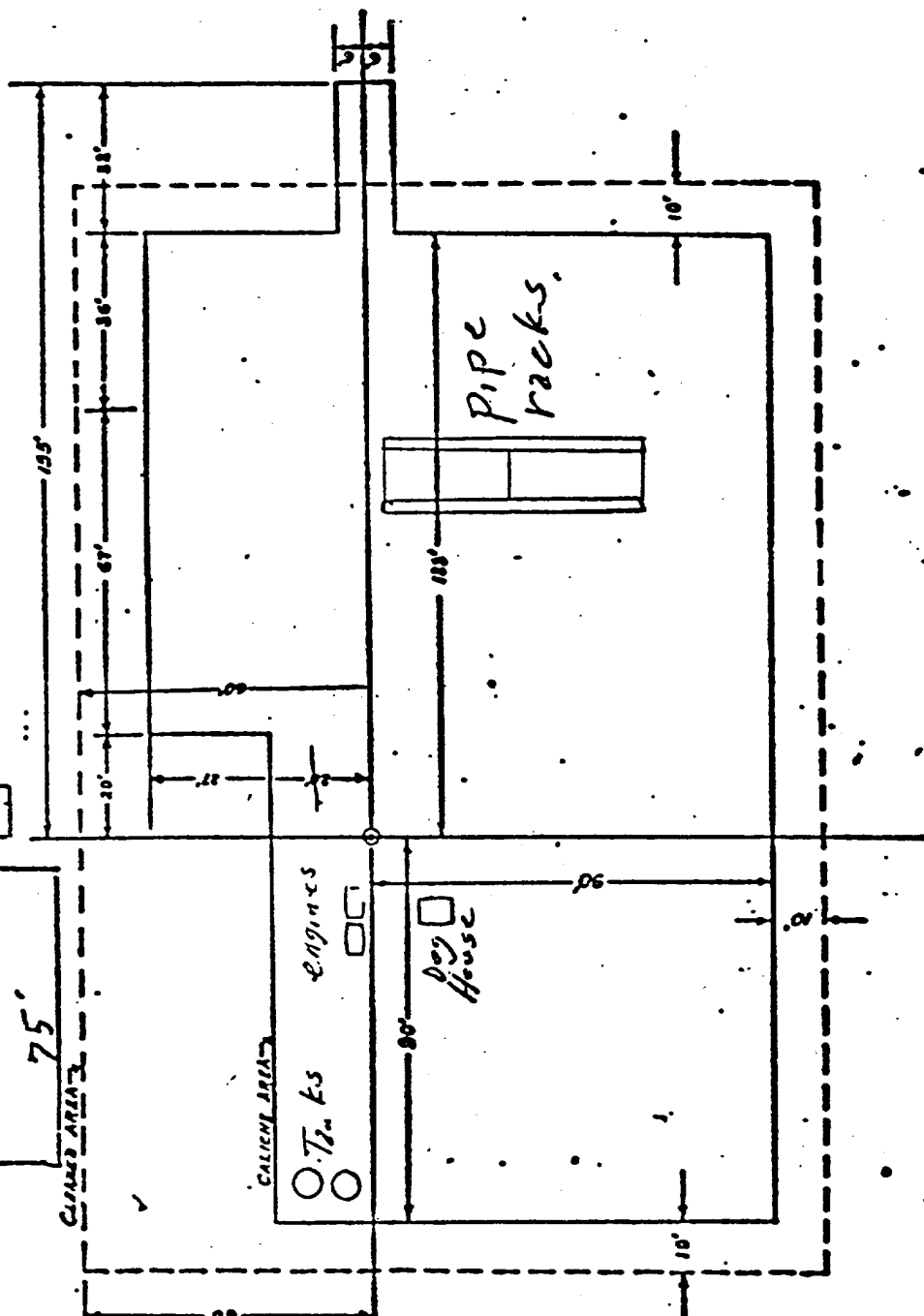


EXHIBIT #3

SPECIFICATIONS-

A. LOCATION

1. CONTRACTOR SHALL FURNISH, MAUL, OIL, SPRING, AND COMPACT CALICHE MINIMUM SHALL BE 6" COMPACTED. WATER SHALL BE APPLIED AT THE APPROXIMATE RATE OF 1 GALLON PER 50 FT. IN AREA OUTLINE BY 3 AREA WITHIN DASHED LINE SHALL BE BUILT WITH PAD.

B. ROAD WHERE APPLICABLE

1. ROAD SHALL BE BUILT IN THE BEST LOCATION AT A MINIMUM OF 12" WIDE WITH CURVES AND 12" WIDE AS TO ACCOMMODATE LOADED TRUCKS.
2. ROAD SHALL BE COVERED WITH 6" COMPACTED USING WATER AT THE RATE OF APPROX. ONE CU YD PER 50 FT.
3. ATLANTIC SHALL FURNISH AT THE LOCATION A CATTLE GUARD, TIMBER JAILS, AND POST. CONTRACTOR SHALL INSTALL CATTLE GUARD, LANDOWNER'S SPECIFICATIONS.
4. EXTRA CALICHE FOR ALL TURNING RADIUS BE ANTICIPATED AND LINEAR MEASUREMENTS SHALL INCLUDE SUCH EXTRA CALICHE REQUIREMENTS.

C. GENERAL

1. DRILLING MAT CONTAINS AN ESTIMATED 50 YDS. 100 LB MEASUREMENT.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ROYALTIES INCLUDING PIT ENTRY FEE, IF ANY.
3. CILIAN TO BE 5' BY 5' WOOD FRAME.

DATE		BY		CHECKED		APPROVED	
8/13/71		[Signature]		[Signature]		[Signature]	
PROJECT		DATE		BY		CHECKED	
[Blank]		[Blank]		[Blank]		[Blank]	
BLUE PRINT RECORD							
Atlantic Richfield Company Engineering and Construction Dept.							
ATLANTIC BUILDING							
STANDARD DRILLING MAT FOR WELLS LESS THAN 8000 FT.							
WELL NO.		DATE		BY		CHECKED	
[Blank]		[Blank]		[Blank]		[Blank]	
APPROVED BY [Signature]							

T
S
R
Q
P
O
N
M
L
K
J
I
H

17S

18S

EMPIRE ABO UNIT

R27E

GRID IDENTIFICATION:

Under unitized operation, well locations will be identified according to the alphabetic-numeric designations shown along the west and north boundaries of this map.

UNIT BOUNDARY
BATTERY LOCATION - M 9
SCALE - 1" = 2000'
EXHIBIT #7

