

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(Other Instr. is on
reverse B.)

30-015-21389

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM 0400877
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Atlantic Richfield Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P. O. Box 1710, Hobbs, New Mexico 88240		8. FARM OR LEASE NAME BQ2 Federal Comm.
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 660' FSL & 1980' FEL (Unit letter O) At proposed prod. zone same as above		9. WELL NO. 1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 4 miles North and 1 1/2 miles West of Carlsbad, New Mexico		10. FIELD AND POOL, OR WILDCAT Undesignated
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE 160	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 9, T21S, R26E
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH 11,100'	12. COUNTY OR PARISH Eddy
21. ELEVATIONS (Show whether DF, RT, GR, etc.) To be reported	20. ROTARY OR CABLE TOOLS Rotary	13. STATE N.M.
22. APPROX. DATE WORK WILL START* November 1, 1974		

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8" OD	48#	500	Circ to surface
12-1/2"	8-5/8" OD	24#	2500	Circ to surface
7-7/8"	5-1/2" OD	15.5# & 17#	11,100	500 sx

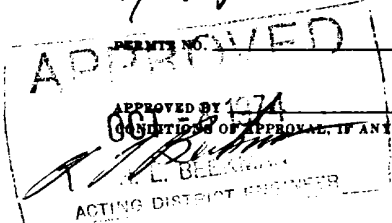
Diagram of blow-out preventer program attached.

RECEIVED

SEP 1974
U. S. GEOLOGICAL SURVEY
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 H. F. Bernard TITLE Dist. Drlg. Supv. DATE 9/27/74
(This space for Federal or State office use)



SUBJECT TO ATTACHED DEEP WELL CONTROL
REQUIREMENTS DATED JUN 22 1973
APPROVAL DATE
TITLE

*Subject to Community
agreement prior to
production*

DECLARED WATER BASIN
CEMENT BEHIND THE
CASING MUST BE CIRCULATED

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES 8 1975

NOTIFY USGS IN SUFFICIENT TIME TO
WITNESS CEMENTING THE 8 1/2 CASING.

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

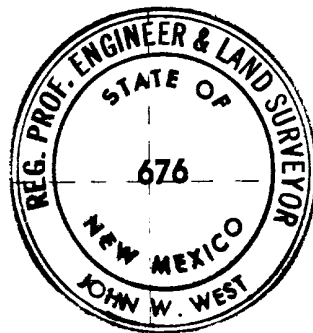
Operator ATLANTIC RICHFIELD CO.			Lease "BQ" 2 FED. COM		Well No. 1
Map Letter O	Section 9	Township 21 SOUTH	Range 26 EAST	County EDDY	
Actual Well Location of Well:					
660		feet from the SOUTH	line and	1980	feet from the EAST
Ground Level Elev. 3280.6	Producing Formation Undesignated		Pool Morrow	Dedicated Acreage: S$\frac{1}{2}$ 320	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty)
- 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.



St "BQ" No. 1

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

H. J. Bernard
Dist. Dirg. Supv.

Atlantic Richfield Co.

9/27/74

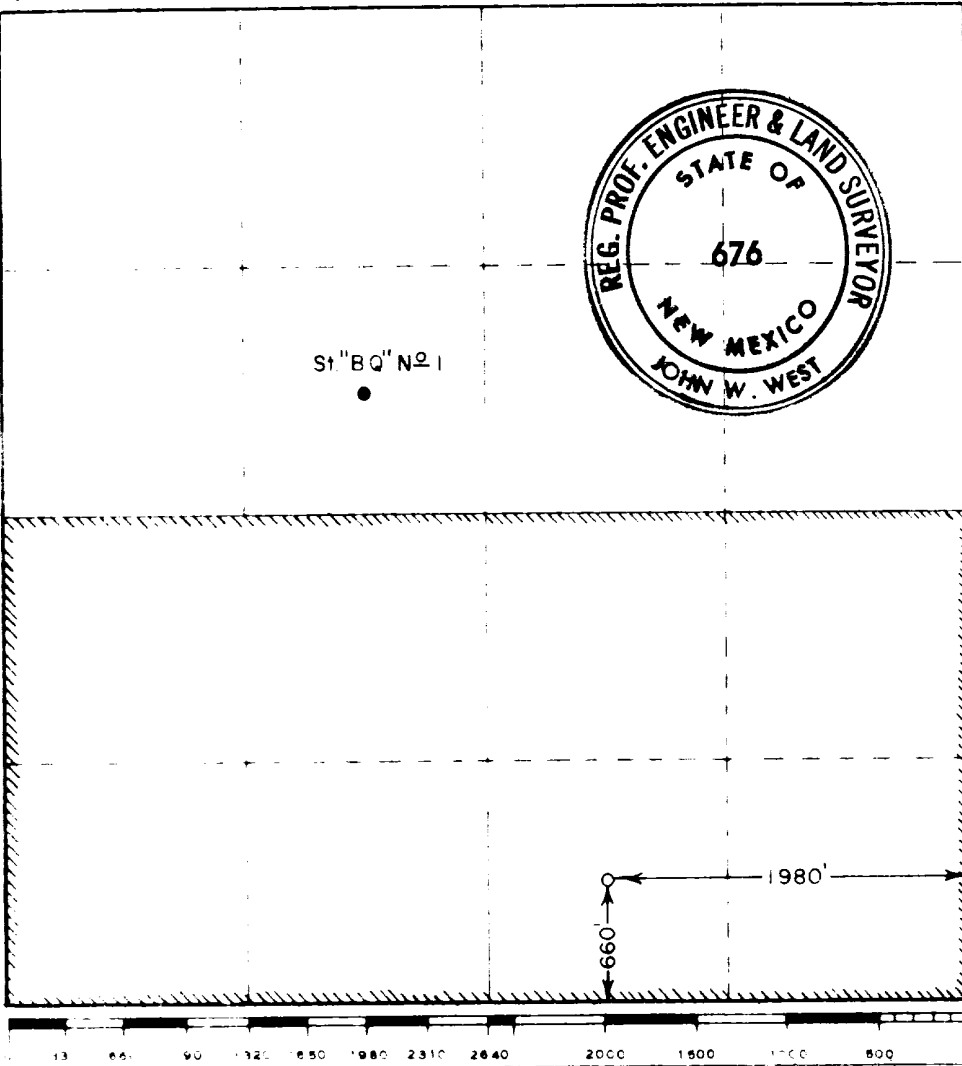
I hereby certify that the well location shown on this plat was plotted from field notes of _____ under my supervision, and that the same is true to the best of my knowledge and belief

RECEIVED
SEP 28 1974
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

SEPTEMBER 25, 1974

Registered interest in _____
and _____

John W. West
676



North American Production Division
Permian District - West Area
Post Office Box 1710
Hobbs, New Mexico 88240
Telephone 505 393 7163

George V. Ricks, General Superintendent
Production & Drilling



September 27, 1974

U. S. Geological Survey
P. O. Drawer U
Artesia, New Mexico 88210

Re: BO-2 Federal Comm #1
660' FSL & 1980' FEL Sec 9, T21S, R26E
Eddy County, New Mexico
Application for Permit to Drill

1. We will exit off U. S. Highway 285 to the Northwest.
Attached is Exhibit #1 on which Sec 9 is outlined in red.
2. Planned access Roads:
We will build 660' of new road as indicated on Exhibit #1 & #2. The road will be 12' wide w/6" caliche compacted.
3. Location of existing wells.
Exhibit #1 & #2 shows existing wells.
4. Lateral roads to well locations:
These roads are shown on both Exhibits #1 & #2.
5. Location of Tank Battery:
Tank battery will be located on southwest corner of drlg pad.
6. Location and type of water supply.
The fresh water for the surface hole and for cementing will be supplied from well located 1980' FNL & 1980' FEL of Section 9, T21S, R26E, Eddy County, New Mexico. If water supply inadequate, water will be trucked in. The brine water will be trucked from potash mine.
7. Methods for handling waste disposal.
All solid waste from the drilling operation will be buried.
8. Location of camp.
No camp intended
9. Location of airstrip.
No airstrip intended
10. Location of layout to include position of the rig, mud tanks, reserve pits, burn pits, pipe racks, etc.
Rig will have engines facing south and "U" door and racks to the east shown on plat #3.
11. Plans for restoration of the surface:
The pits will be filled and leveled. All unused area will be restored to as near the original condition as possible.

RECEIVED

U.S.G.S.

September 27, 1974

Page 2

12. Any other information that may be used to evaluate the impact on environment.

The pits will be lined to contain its contents.

Yours truly,



H. J. Bernard

District Drilling Supervisor

HJB:kw

Attachments

RECEIVED

SEP 30 1974

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

NL MEXICO OIL CONSERVATION COMMISS.
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.

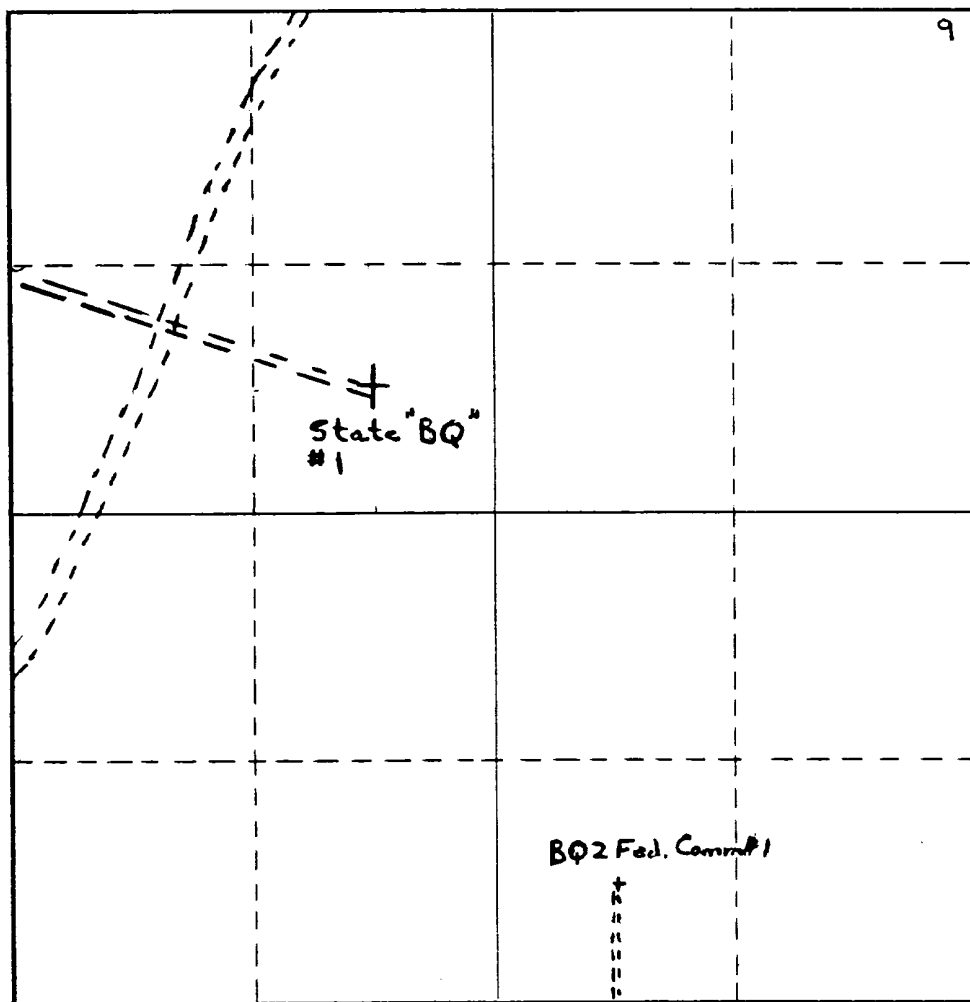
Operator Atlantic Richfield Company			Lease BQ2 Federal Comm		Well No. 1
Unit Letter 0	Section 9	Township 21S	Range 26E	County Eddy	
Actual Footage Location of Well: 660' feet from the South line and 1980' feet from the East line					
Ground Level Elev. 3280.6	Producing Formation Undesignated		Pool Morrow		Dedicated Acreage: 320 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.

H. H. Bennett
Name

Dist. Drlg. Supv.

Position

Atlantic Richfield Company

Company

9/27/74

Date

RECEIVED

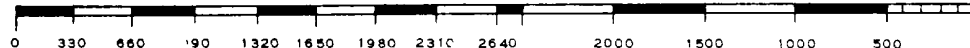
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

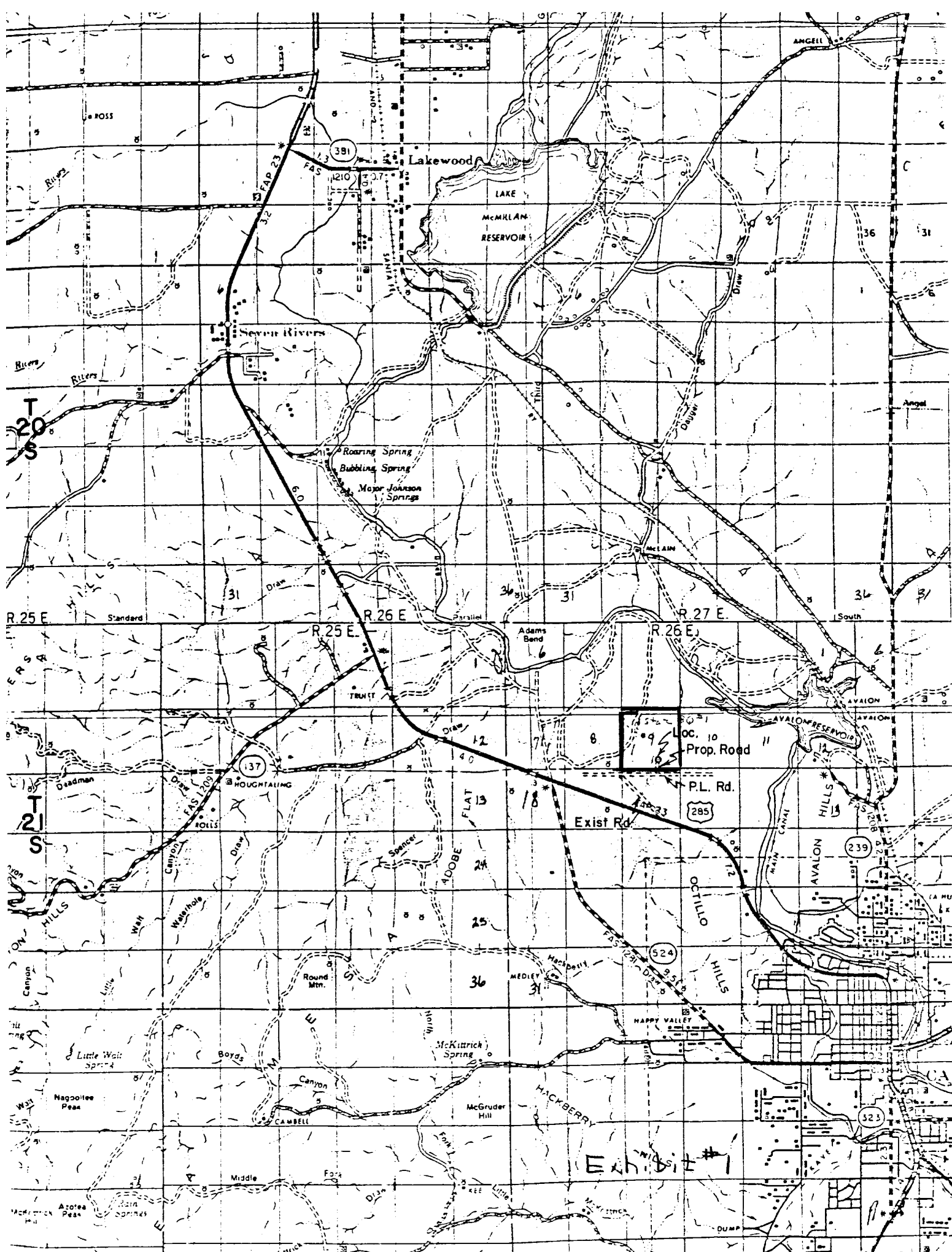
Date Surveyed

Registered Professional Engineer
and/or Land Surveyor

Certificate No.

Exhibit #2





Trash Pit

A. LOCATION

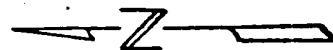
8. ROAD WHERE APPLICABLE
A ROAD SHALL BE BUILT IN THE BEST LOCATION AND
A MINIMUM OF 18" WIDE WITH CURVES AND
SUCH AS TO ACCOMMODATE LOADED TRUCKS
8. ROAD SHALL BE COVERED WITH 6" COMPACTED
USING WATER AT THE RATE OF APPROX. ONE GALLON
PER SQ. FT.

3. ATLANTIC SHALL FURNISH AT THE LOCATION 14" CATTLEGUARD, TIMBER SILLS, AND POST. CONTRACTOR SHALL INSTALL CATTLEGUARD AND LANDOWNER'S SPECIFICATION.

4. EXTRA CALICINE FOR ALL TUBES BE ANTICIPATED AND LINEAR MEASUREMENTS SHALL INCLUDE SUCH EXTRA CALICINE MEASUREMENTS

C. GENERAL

2. CELLAR TO BE 5' X 8' X 4 WOOD FRAME.

[illegible]

