

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(Other instructions on
reverse side)

Budget Bureau No. 42-R1425.

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

660' FNL & 1980' FEL (Unit letter B)

At proposed prod. zone

as above

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

10 mi south, 1 mi west of Eunice, New Mexico

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

320

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

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

19. PROPOSED DEPTH

3700'

20. ROTARY OR CABLE TOOLS

Rotary

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

3327.6' GR

22. APPROX. DATE WORK WILL START*

8/1/75

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#	400'	400 sx, Circ to surf.
7-7/8"	4-1/2" OD	9.5#	3700'	700 sx.

Propose to drill development well in the Jalmat Gas Pool and produce well per New Mexico Oil Conservation Commission Administrative Order NSP-999 dated June 4, 1975.

10-10-75

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

6/27/75

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

*See Instructions On Reverse Side

Jim Sim

Permian District—West Area
Post Office Box 1710
Hobbs, New Mexico 88240
Telephone 505 393-7163



George V. Ricks, Superintendent
Production & Drilling

June 30, 1975

U.S.G.S.
P. O. Box 1157
Hobbs, New Mexico 88240

Re: Duthie Andrews Com WN #4
660' FNL & 1980' FEL (Unit letter B)
Sec 19-T23S-R37E, Lea County, N.M.
Application for Permit to Drill

1. We will exit West off State Road 18 on existing road to abandoned United Carbon Plant site road. Attached is exhibit #1 on which Sec 19 is outlined in red.
2. Planned access roads:
We will build approx 1/4 mi of new road as indicated on exhibit #2. The road to be 12" wide with 6" caliche compacted.
3. Location of existing wells:
Exhibit #3 shows existing wells.
4. Lateral roads to well locations:
These roads are shown on attached Exhibit #2.
5. Location of tank battery:
none
6. Location and type of water supply:
The fresh water for surface hole and cementing will be purchased locally and trucked. The brine water used in drilling will also be trucked.
7. Methods of handling waste:
All solid waste from drilling operation will be buried.
8. Location of camp:
no camp intended.
9. Location of airstrip:
No airstrip intended.

10. Location of layout of rig, etc.
See attached Exhibit #4.

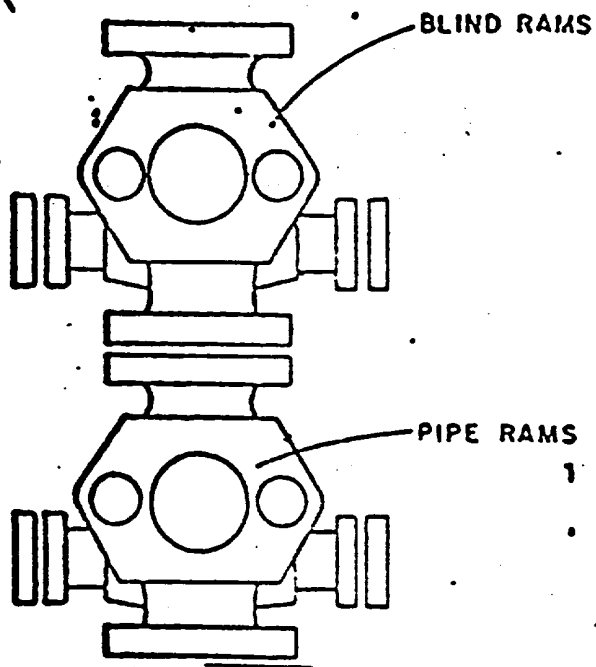
11. Plans for restoration of surface:
The pits will be filled and levelled. All unused area will be restored to as near original condition as possible.

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

(a) the working pits will be lined with plastic to contain its contents.

(b) Blow out preventer to be installed of sufficient pressure rating and tested as required BOP diagram attached.

(c) Statement of agressing and egressing of private property, and if damages were incurred and manner in which location will be abandoned when plugged attached.



ATLANTIC RICHFIELD COMPANY
Blow Out Preventer Program

Lease Name Duthie Andrews Com. WN

Well No. 4

Location 660' FNL & 1980' FEL

Sec. 19-23S-37E, Lea County

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

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

Lessee Atlantic Richfield Company			Lease Duthie Andrews Com W.N. <i>Com</i>			Well No. 4			
Section B		Twp 19		Range 23 South		Range 37 East		County Lea	
Distance from Well 660 feet from the North line and 1980 feet to the East line									
Ground Elev. 3327.6		Producing Formation Yates Seven Rivers			Pool Jalmat Gas			Dedicated Acreage 320 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 _____

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.

Dist. Dir. Supv.

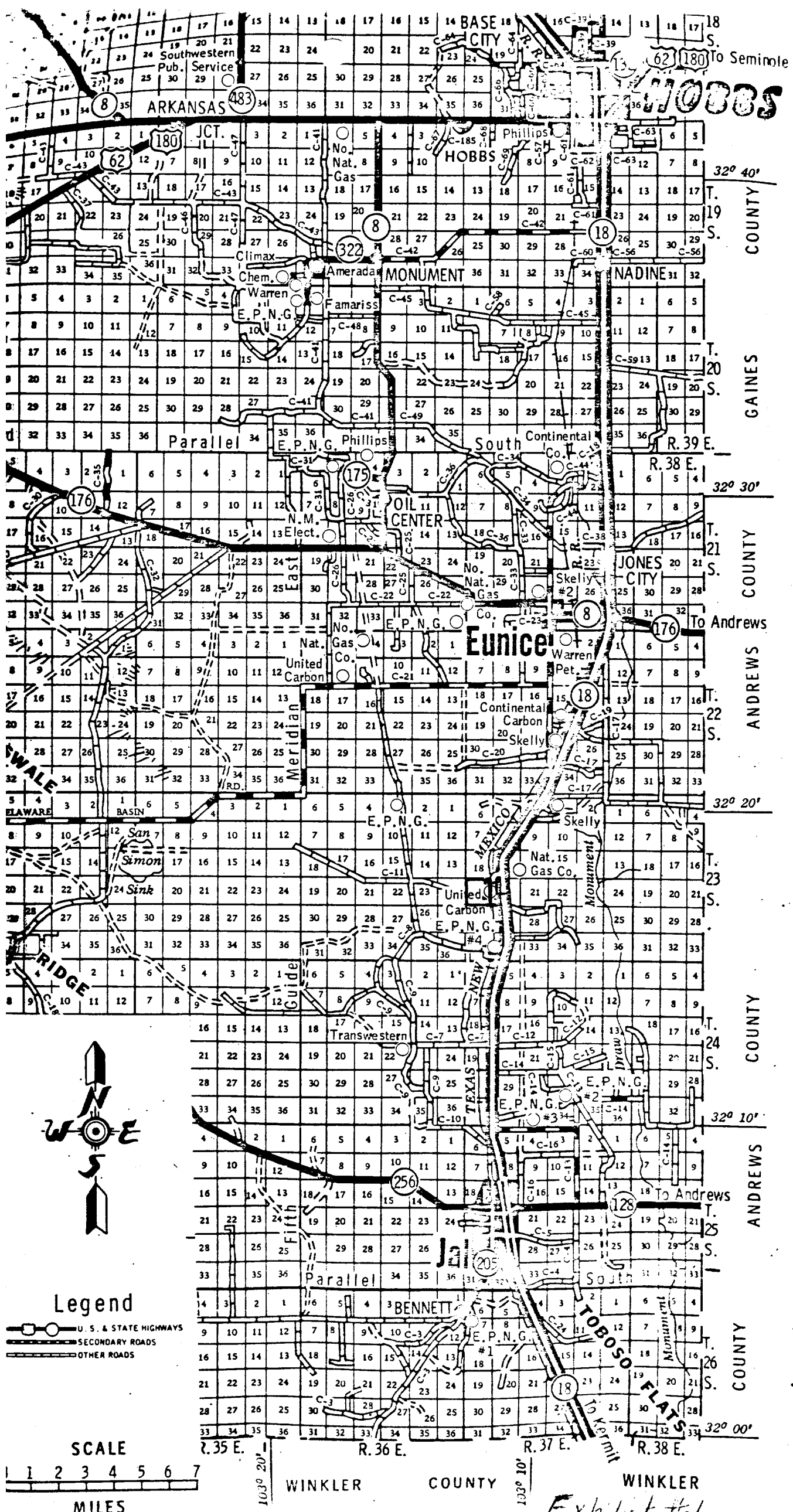
Atlantic Richfield Company

6/30/75

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.

Statement as Requested by USGS, Hobbs, New Mexico

Surface damages to access, egress and drill the Duthie-Andrews Com. WN #4 located in Section 19-23S-37E, Lea County, New Mexico will be made to Mr. Ross Robinson, 908 19th Street, Eunice, New Mexico. When well is plugged and abandoned, location will be cleared of all debris, pits levelled and surface restored to prior contour.



HOBBES

MONUMENT

NADINE

OIL CENTER

JONES CITY

Eunice

BENNETT

TOBOSO FLATS

Legend

- U. S. & STATE HIGHWAYS
- SECONDARY ROADS
- OTHER ROADS

SCALE

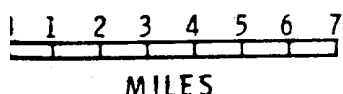
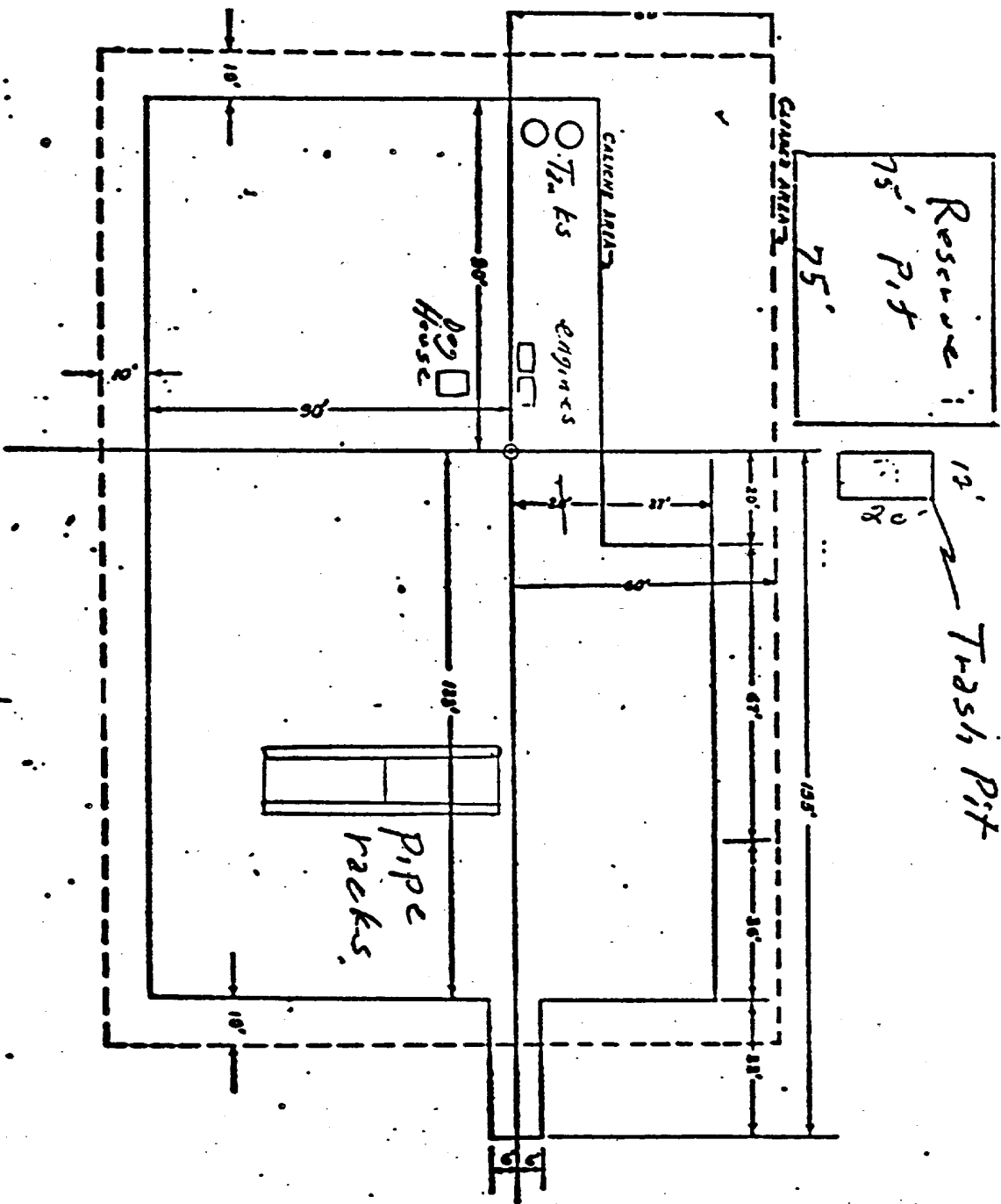


Exhibit #1

Existing Road:
Proposed Road

[illegible]



SPECIFICATIONS-

- A. LOCATION
 1. CONTRACTOR SHALL FURNISH, Haul, Cum Spill, and Compact Catchment Minimum Shall be 6" compacted. Water shall be applied at the approximate rate of 1 gallon per 50 ft. in area during dry areas with dashed line shall be filled with pad.
- B. ROAD WHERE APPLICABLE
 1. ROAD SHALL BE BUILT IN THE DESIGNATION AT A MINIMUM OF 12' WIDE WITH CURVES AND 12' AS TO ACCOMMODATE LOADED TRUCKS
 2. ROAD SHALL BE COVERED WITH 6" COMPACTED USING WATER AT THE RATE OF APPROX. ONE GAL PER 50 FT.
- C. ATLANTIC SHALL FURNISH AT THE LOCAT.
 1. CATTLEGUARD, RUBBER JULES, AND POST. CONTRACTOR SHALL INSTALL CATTLEGUARD, LANDONMENT SPECIFICATIONS.
 2. EXTRA CHAINS FOR ALL TURNING RADI BE ANTICIPATED AND LINEAR MEASUREMENTS SHALL INCLUDE SUCH EXTRA CHAIN REQUIREMENTS.
- D. GENERAL
 1. DRILLING MAT CONTAINS AN ESTIMATED C. 100. 10000 MEASUREMENT.
 2. CONTRACTOR SHALL BE RESPONSIBLE ALL ROYALTIES INCLUDING PIT ENTRY FEE, IF ANY.
 3. GRASS TO BE SEEDS WOOD FROM.

BLUE PRINT RECORD	
NO.	DATE
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REV: 6.1.7 # 14