

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

30-005-61890
Form C-101
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.G.S.	<input checked="" type="checkbox"/>
LAND OFFICE	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>

DEC 14 1982

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. LG 5553
7. Unit Agreement Name
8. Farm or Lease Name Arroyo State
9. Well No. 1
10. Field and Pool, or Wildcat Wildcat A/B
12. County Chaves
19. Proposed Depth 3800'
19A. Formation Abo
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, KT, etc.) 4406' GL
21A. Kind & Status Plug. Bond Blanket Bond
21B. Drilling Contractor Unknown
22. Approx. Date Work will start December 31, 1982

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"/>	ARTESIA, OFFICE
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>
2. Name of Operator TRANSWESTERN GAS SUPPLY COMPANY	
3. Address of Operator 2801 North Main, Roswell, New Mexico 88201	
4. Location of Well UNIT LETTER J LOCATED 1650' FEET FROM THE South LINE AND 1650' FEET FROM THE East LINE OF SEC. 32 TWP. 4S RGE. 21E NMPM	
1. Elevations (Show whether DF, KT, etc.) 4406' GL	21A. Kind & Status Plug. Bond Blanket Bond
21B. Drilling Contractor Unknown	22. Approx. Date Work will start December 31, 1982

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	48.0# K-55	60'	Grout To Surface	w/Redi-Mix
11"	7-5/8"	26.4# K-55	1500'±	450 sx	Circulated
6-3/4"	4-1/2"	10.5# J-55	3800'±	300 sx	Cemented Back To 2200'±

Propose to drill to approximately 3800' to test Abo and intermediate formations. Will drill with rotary tools, using mud as the circulating medium. Complete in favorable zone by perforating casing and treating the formation.

Double-ram 3000# WP BOP will be installed after setting 7-5/8" casing and tested daily during drilling operations. See attached BOP diagram.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 6-28-83
UNLESS DRILLING UNDERWAY

Gas is dedicated to TRANSWESTERN PIPELINE COMPANY.

*Posted app
12-31-82*

ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Jerry W. Long Title Agent Date December 27, 1982
(This space for State Use)

PROVED BY Mike Walker TITLE OIL AND GAS INSPECTOR DATE DEC 28 1982
CONDITIONS OF APPROVAL, IF ANY:

All distances must be from the outer boundaries of the Section.

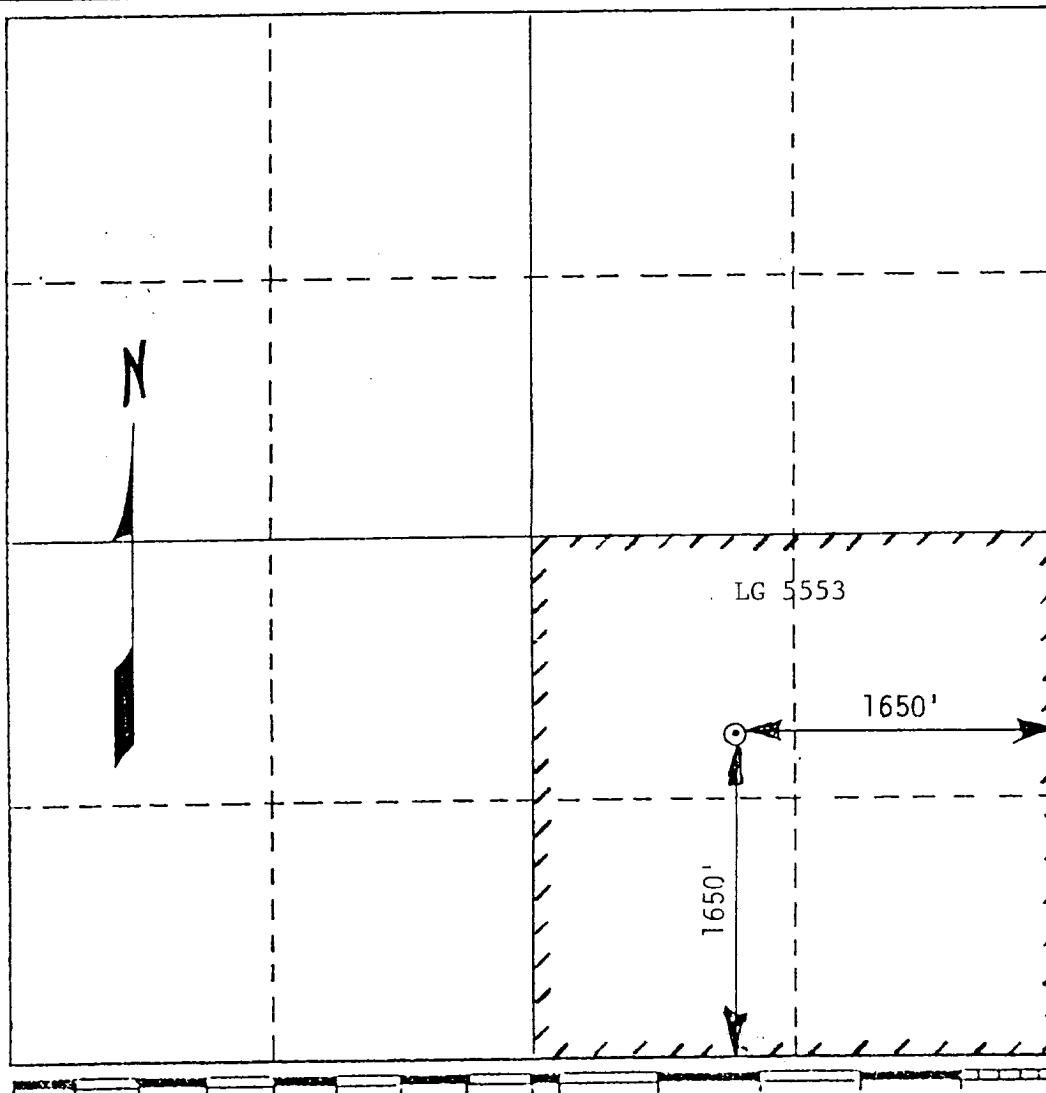
Operator TRANSWESTERN GAS SUPPLY COMPANY Transwestern Gas & Supply		Lease Arroya State Arroyo State		Well No. 1
Unit Letter J	Section 32	Township 4S	Range 21E	County Chaves
Actual Footage Location of Well:				
1650 feet from the South line and		1650 feet from the East line		
Ground Level Elev. 4406	Producing Formation Abo	Pool Wildcat	Dedicated Acreage: 160 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). SINGLE LEASE
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 Division.



CERTIFICATION

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

Name

JERRY W. LONG

Position

Agent

Company

TRANSWESTERN GAS SUPPLY CO.

Date

December 27, 1982

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.

12/22/82

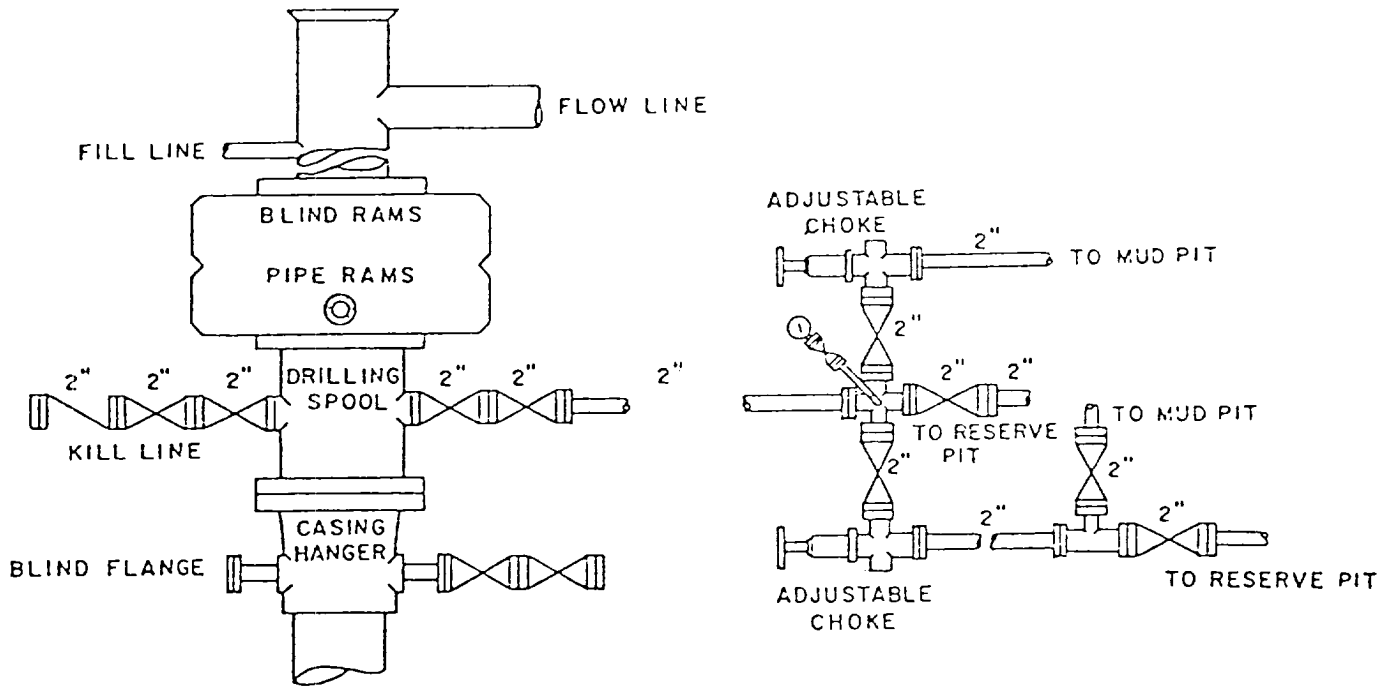
Date Surveyed

Thomas T. Mann, PE & LS

Registered Professional Engineer
and/or Land Surveyor

Certificate No.
277 NM

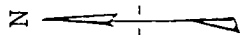
TRANSWESTERN GAS SUPPLY COMPANY
No.1 Arroyo State
NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec.32-4S-21E
Chaves County, N.M.



BOP DIAGRAM

3000# WORKING PRESSURE
RAMS OPERATED DAILY

TRANSWESTERN GAS SUPPLY COMPANY
No. 1 Arroyo State
NW 1/4 Sec. 32-4S-21E
Chaves County, N.M.



POSSIBLE ACCESS ROAD

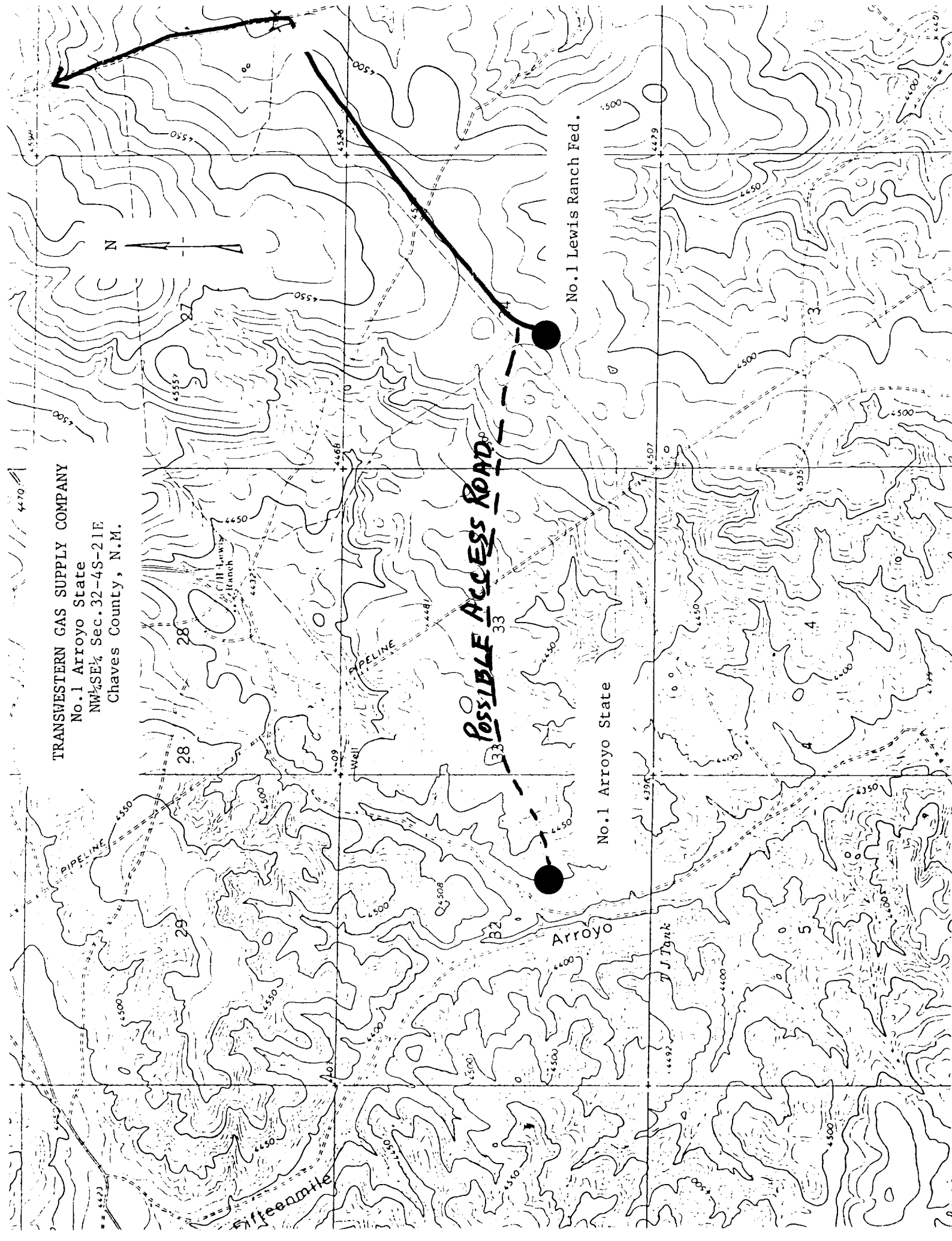
No. 1 Lewis Ranch Fed.

No. 1 Arroyo State

Arroyo

J Tank

Fifteenmile



BUREAU OF LAND MANAGEMENT

R. 21 E.

R. 23 E.

TRANSWESTERN GAS SUPPLY COMPANY

No.1 Arroyo State

NW¼SE¼ Sec.32-4S-21E

Chaves County, N.M.

