

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
N.M.O.C.D. COPY

30-005-61057

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

Bill G. Isler

3. ADDRESS OF OPERATOR

607 Broken Arrow, Roswell, N.M. 88201

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

At surface

1980'/N

1980'/E

Sec.15-6S-29E

AUG 06 1981

At proposed prod. zone

Same

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

42 Miles Northeast of Roswell, N.M.

ARTESIA, OFFICE

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any) 660'

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

None

16. NO. OF ACRES IN LEASE

1447.78

19. PROPOSED DEPTH

3000' San Andres

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Cable Tools

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

4189' GL

22. APPROX. DATE WORK WILL START*

August 1, 1981

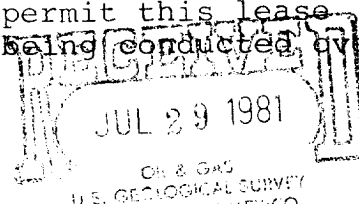
23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	24# K55	400' 300'	150 sx Class C (Circ)
8"	4 1/2"	9.5# K55	3000"	225 sx 50/50 POZ

Plan to test San Andres by drilling cable tool hole to approx. 3000'.
If warranted, standard completion will be made in this formation.

Cable tool control head will be used.

Please expedite approval of this application to permit this lease
to be extended by virtue of drilling operations being conducted over
the August 31, 1981 expiration date.



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

(This space for Federal or State office use)

Agent For:

TITLE BILL G. ISLER

DATE July 28, 1981

PERMIT NO.

APPROVED

APPROVAL DATE

APPROVED BY

(Orig. Sgd.) GEORGE H. STEWART

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

AUG 4 1981

FOR

JAMES A. GILHAAM
DISTRICT SUPERVISOR

*See Instructions On Reverse Side

MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-55

All distances must be from the outer boundaries of the Section

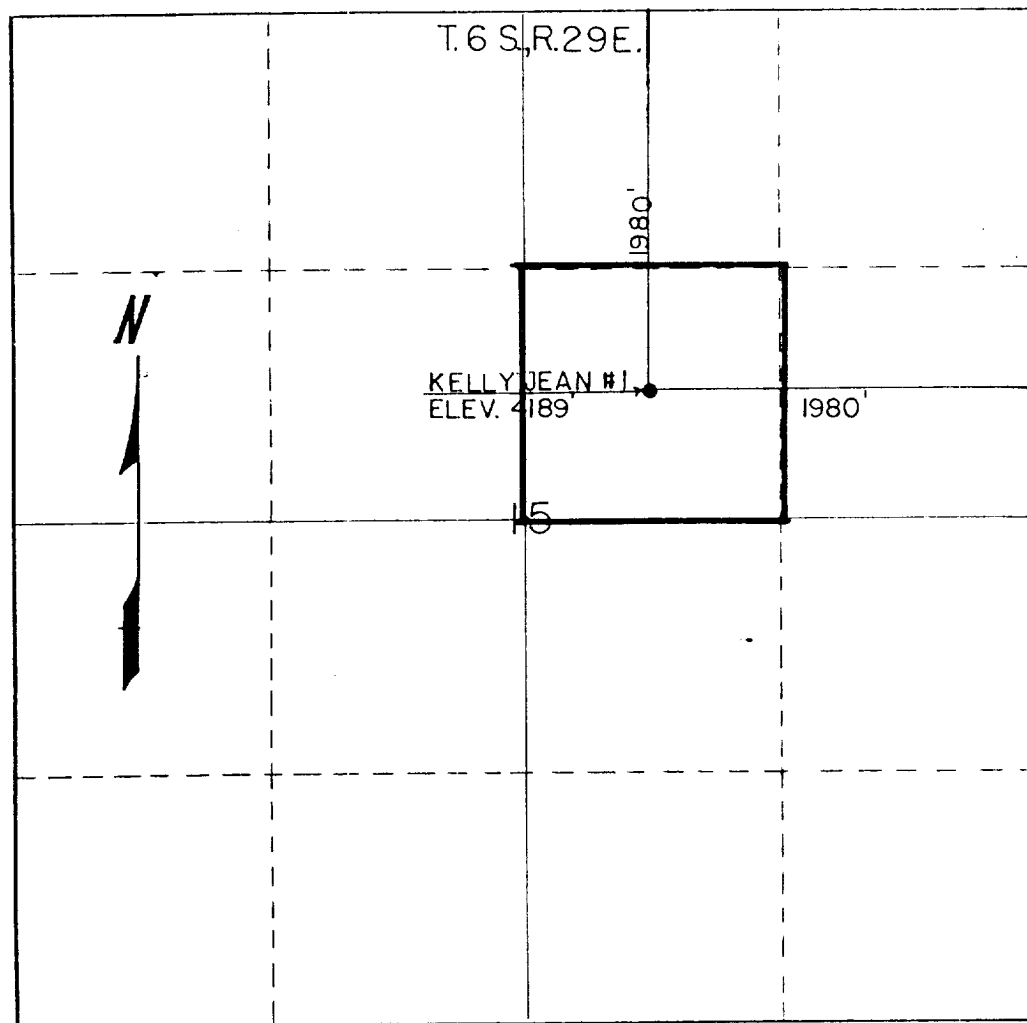
Operator BILL G. ISLER		Lease Kelly Jean		Well No. 1
Unit Letter G	Section 15	Township 6-S	Range 29-E	County Chaves
Actual Footage Location of Well: 1980 feet from the NORTH line and 1980 feet from the EAST line				
Ground Level Elev. 4189	Producing Formation San Andres	Well Wildcat	Dedicated Acreage: 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 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.

Jerry W. Long
Name
JERRY W. LONG

Position
Agent

Company
Bill G. Isler

Date
July 28, 1981

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.

REGISTERED PROFESSIONAL ENGINEER AND LAND SURVEYOR
NO. **277**
Date Surveyed **7-14-81**
Registered Professional Engineer and Land Surveyor
Thomas T. Mann
Thomas T. Mann, P.E. & L.
N.M. License No. **277**

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

SUPPLEMENTAL DRILLING DATA

BILL G. ISLER
No.1 Kelly Jean
SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec.15-6S-29E
Chaves County, N.M.

NM 14310

The following items supplement Form 9-331C in accordance with instructions contained in NTL-6.

1. SURFACE FORMATION: Permian Group

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Artesia Group	Surface
Rustler	650'
Salt	700'
Yates	1150'
Queen	1850'
Penrose	1950'
San Andres	2250'

3. PRIMARY OBJECTIVE: Oil from San Andres.
No fresh water expected below 300'.

4. CASING AND CEMENTING PROGRAM:

Surface: 8 5/8", 24#, K55 casing will be set to protect the fresh water zones. The casing will be set at about 300' with 14 ppg cement circulated to the surface.

Production: If commercial quantities of oil are encountered, a string of 4 1/2", 9.5#, K55 production casing will be run through the production zone and cemented with sufficient cement to isolate any water, oil, or gas zones.

5. PRESSURE CONTROL EQUIPMENT: Nearby drilling indicates that high pressures should not exist in this formation. Since this well will be drilled with cable tools, existing pressures will be controlled by weight of the mud in the hole and a cable tool control head at the surface.

6. CIRCULATING MEDIUM: None
7. TESTING LOGGING AND CORING: Since this is a cable tool operation, there will be no coring or drillstem tests. A Compensated Neutron Formation Density log will be run when TD is reached.
8. SUBSURFACE HAZARDS: No abnormal pressure or temperature conditions are expected. No influx of hydrogen sulfide gas is anticipated.
9. ANTICIPATED STARTING DATE: This lease is due to expire on August 31, 1981. Therefore, operations will be commenced in sufficient time for the well to be drilling over the expiration date, to justify a two year extension pursuant to Code of Federal Regulations 43 Part 3107.2-3. Drilling operations will be conducted for about 90 days.

PERTINATE INFORMATION

For

BILL G. ISLER
No.1 Kelly Jean
SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec.15-6S-29E
Chaves County, N.M.

NM 14310

<u>LOCATED:</u>	42 miles northeast of Roswell, New Mexico
<u>FEDERAL LEASE NUMBER:</u>	NM 14310
<u>LEASE ISSUED:</u>	Sept. 1, 1971 10 year Term
<u>RECORD LESSEE:</u>	Texas Oil And Gas Corp.
<u>BOND COVERAGE:</u>	\$150,000 Nation-Wide
<u>AUTHORITY TO OPERATE:</u>	Designation of Operator
<u>ACRES IN LEASE:</u>	1447.78
<u>SURFACE OWNERSHIP:</u>	Sam Moorhead, Kenna, N.M.
<u>POOL RULES:</u>	State-wide rules for wildcat oil well. 40 acre spacing
<u>EXHIBITS:</u>	A. Road Map B. Lease And Wells C. Well Pad Layout D. Contour Map And Caliche Source E. Area Map F. EXHIBIT F - FEE AGREEMENT

MULTI-POINT SURFACE USE AND OPERATIONS PLAN

BILL G. ISLER
No.1 Kelly Jean
SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec.15-6S-29E
Chaves County, N.M.

NM 14310

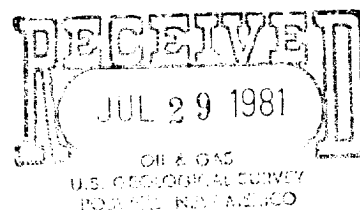
This plan is submitted with the Application for Permit to Drill the above described well. The purpose of the plan is to describe the location of the proposed well, the proposed construction activities and operations plan, the magnitude of necessary surface disturbance involved, and the procedures to be followed in rehabilitating the surface after completion of the operation so that a complete appraisal can be made of the environmental effects associated with the operation.

1. EXISTING ROADS:

- A. Exhibit "A" is a road map showing the location of the proposed well as staked. The well is located 42 Miles northeast of Roswell, New Mexico.
- B. Directions: Go about 5 miles north of Roswell on State Highway 285 to the intersection with State Highway 70. Turn northeast on Highway 70 and go about 37 miles. Turn north on the County road and go 4 miles north. Turn east on new access road and go 5/8 mile to location.

2. PLANNED ACCESS ROAD:

- A. Length and Width: Access from the County road will require construction of a new road 3300' long and 12' wide. This road will be entirely on fee surface and will be included in the surface owners rehabilitation agreement.
- B. Surfacing Material: The new access road will be surfaced with caliche obtained from a pit located on private surface in the SW 1/4 of Sec.27. Location of the pit is indicated on Exhibit "D".



- C. Maximum Grade: Essentially level
 - D. Turnouts; None required
 - E. Drainage design: New road will have 6" crown.
 - F. Culberts: None required
 - G. Cuts and Fills: Construction of road and pad will require 3' cut and fills of sand dunes.
 - H. Gates, Cattle Guards: A cattle guard will be constructed at the fence near the west end of the new road.
3. LOCATION OF EXISTING WELLS:
- A. Adjacent wells are indicated on Exhibit "B".
4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES:
- A. There are presently no wells or facilities on the lease. It is anticipated that oil separation and storage facilities will be constructed on the unused portion of the well pad. If additional surface disturbance is required at a later date, a modified surface use plan will be submitted.
 - B. Pits will be fenced and covered, if necessary, to protect livestock or wildlife.
5. LOCATION AND TYPE OF WATER SUPPLY:
- A. Water for drilling purposes will be obtained from a commercial source at Roswell, New Mexico. A minimum amount of water will be required, since this will be a cable tool operation.
6. SOURCE OF CONSTRUCTION MATERIALS:
- A. Caliche for surfacing the new road and drill pad will be obtained from a pit located on private surface in the SW 1/4 Sec.27. Location of the pit is indicated on Exhibit "D".
7. METHODS OF HANDLING WASTE DISPOSAL:
- A. Drill cuttings will be disposed of in the drill pits.

- B. Drilling fluids will be allowed to evaporate in the drilling pits until the pits are dry.
- C. Water produced during tests will be disposed of in the drilling pits. Oil produced during tests will be stored in test tanks until sold.
- D. Current laws and regulations pertaining to the disposal of human waste will be complied with.
- E. Trash, waste paper, garbage, and junk will be buried in a separate trash pit and covered with a minimum of 24 inches of dirt. All waste material will be contained to prevent scattering by the wind. Location of the trash pit is shown on Exhibit "C".
- F. All trash and debris will be buried or removed from the wellsite within 30 days after finishing drilling and/or completion operations.

8. ANCILLARY FACILITIES:

- A. None required

9. WELL SITE LAYOUT:

- A. Exhibit "C" indicates the relative location and dimensions of the well pad, mud pit, and cable tool rig.
- B. A minimum of rig components will be necessary, since this will be cable tool operations.
- C. No generating equipment will be necessary because this will be a daylight operations.

10. PLANS FOR RESTORATION OF THE SURFACE:

- A. After completion of drilling and/or completion operations, all equipment and other material not needed for operations will be removed. Pits will be filled and the location cleaned of all trash and junk to leave the wellsite in an aesthetically pleasing condition as possible.
- B. Any unguarded pits containing fluids will be fenced until they are filled.

- C. Rehabilitation will be consistent with the wishes of the fee surface owner.

11. OTHER INFORMATION:

- A. Topography: Gently rolling dunal plain.
- B. Soil: The soil is a very sandy loam resulting in numerous sand dunes and blow pits.
- C. Flora and Fauna: The density of vegetation is about 50% and consists of yucca, sand sage, mesquite, broom snakeweed and grasses such as black grama and blue grama. Fauna consists of typical desert animals such as coyotes, rodents, snakes and lizards.
- D. Ponds or Streams: None
- E. Residences and other Structures: The nearest dwelling is a ranch house located about 1/2 mile northwest of the well location.
- F. Archaeological, Historical and other Cultural Sites: No cultural sites were noted during the preliminary inspection of the location. A contract Archaeologist from Eastern New Mexico University has furnished an affirmative recommendation relative to the proposed surface disturbance.
- G. Land Use: The surface is for grazing purposes.
- H. Surface Ownership: All of the new road and the drill pad are located on private surface.

12. OPERATOR'S REPRESENTATIVE:

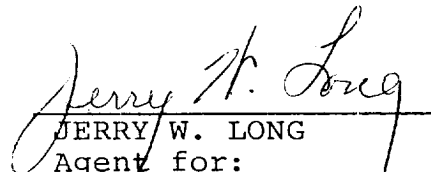
Representative responsible for assuring compliance with the approved Surface Use Plan:

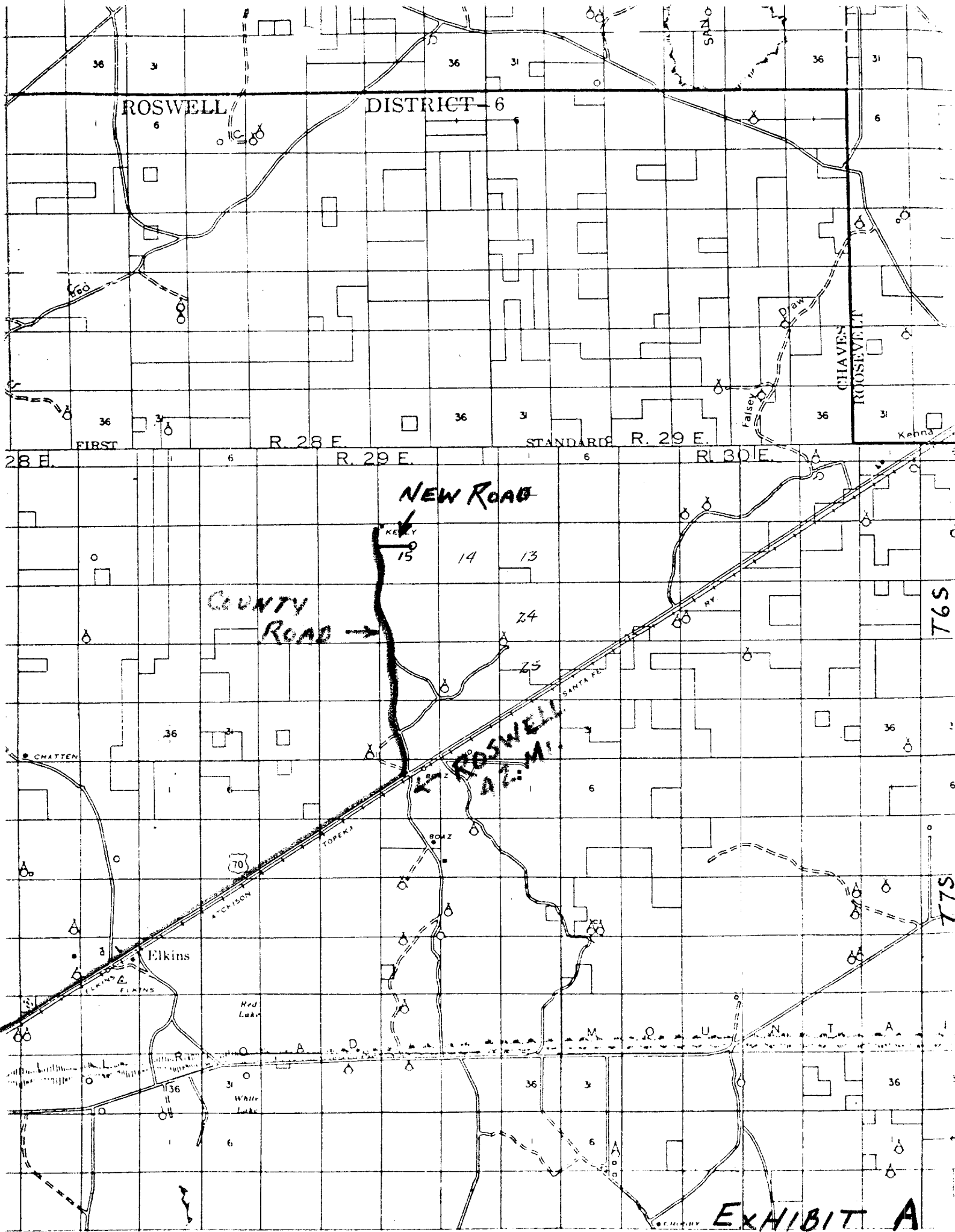
Bill G. Isler
607 Broken Arrow
Roswell, N.M. 88201
Ph. 505-623-6792

13. CERTIFICATION:

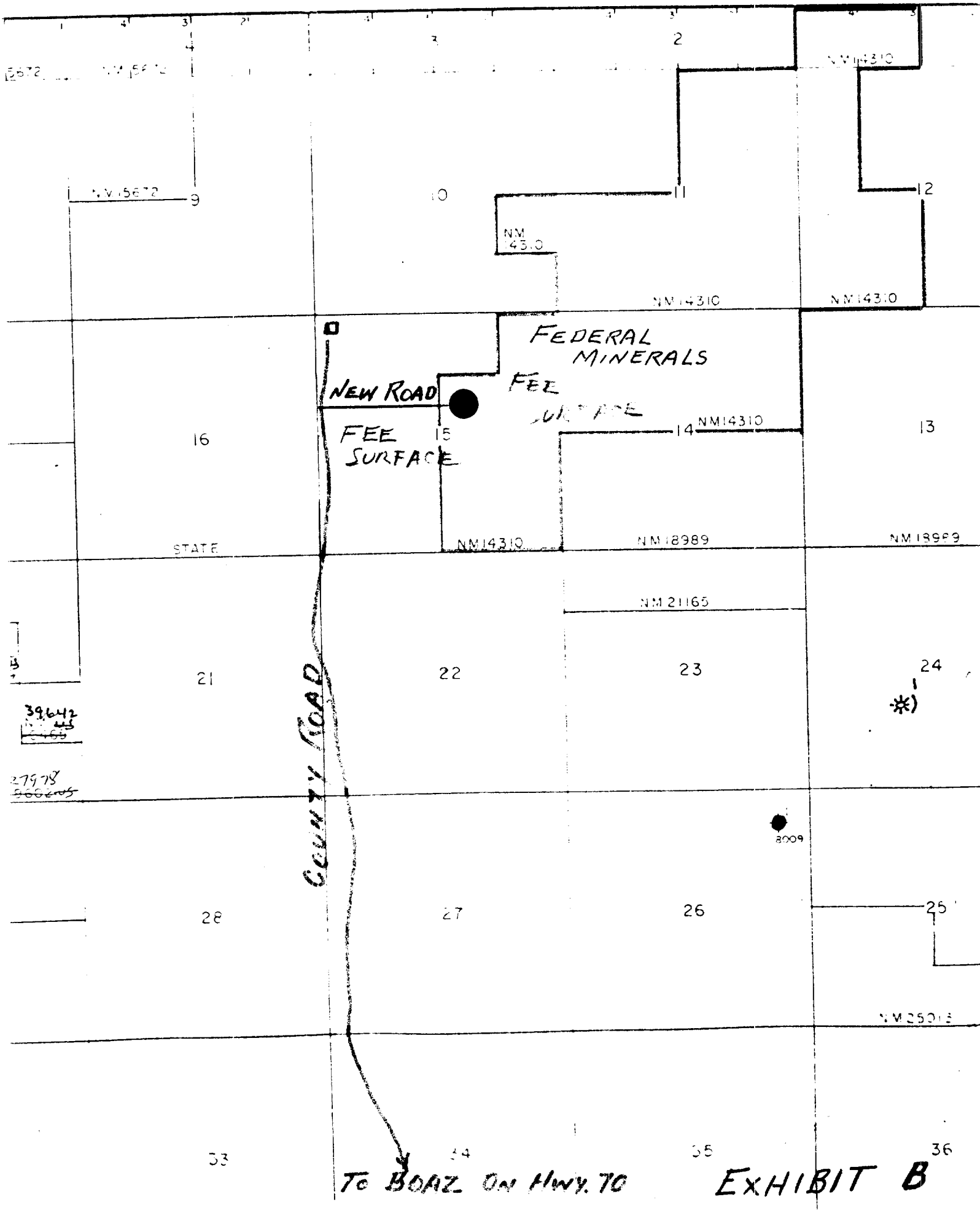
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge true and correct; and, that the work associated with the operations proposed herein will be performed by Bill G. Isler and its sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

July 28, 1981
Date

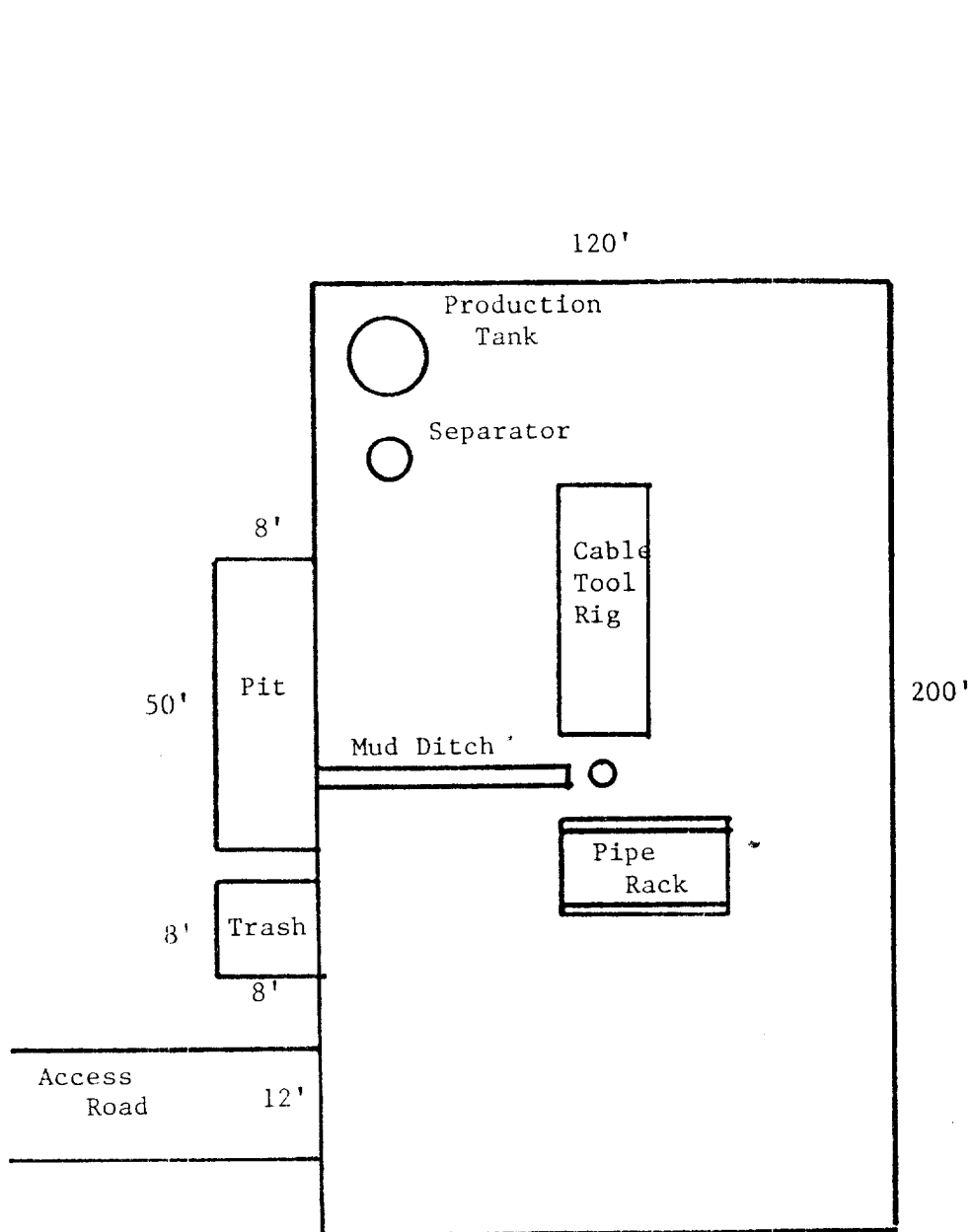

JERRY W. LONG
Agent for:
Bill G. Isler



R.2 E.



BILL G. ISLER
No.1 Kelly Jean
SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec.15-6S-29E
Chaves County, N.M.



CABLE TOOL RIG LAYOUT

KSUL



R. 29 E.

R. 30 E.

R. 31 E.

R. 32 E.

R. 33 E.

AREA MAP

LOCATION

76S

78S

ROOSEVELT CO.

CHAVES CO.

LEA CO.

CHAVES CO.

EXHIBIT E

REHABILITATION PLAN

Lease No.: 14314; Well Name and No.: KELLY DEAN I
 Location: 1980 WL-1980 EL, Sec. 17, T. 65 N., R. 29 E.

BILL G. ISLER intends to drill a well on surface owned by SAM MOORHEAD. The lessee/operator agrees to complete the following rehabilitation work if the well is a producer:

- ☒ Yes ☐ No Maintain access road and provide adequate drainage to road.
☒ Yes ☐ No Reshape and reseed any area not needed for maintenance of the pump and support facilities.

Other requirements: _____

The following work will be completed when the well is abandoned:

- ☒ Yes ☐ No Pit will be fenced until dry, then filled to conform to surrounding topography.
☐ Yes ☐ No Water bars will be constructed as deemed necessary.
☒ Yes ☐ No Site will require reshaping to conform to surrounding topography.
☒ Yes ☐ No Entire disturbed area will be reseeded. If yes, the following seed mixture will be used.

- ☒ Yes ☐ No Access road will be closed, rehabilitated and reseeded using the same seed mixture as above.
☒ Yes ☐ No Access road will remain for surface owner's use.
☒ Yes ☐ No Water bars will be constructed on the access road as deemed necessary.

Other requirements: _____

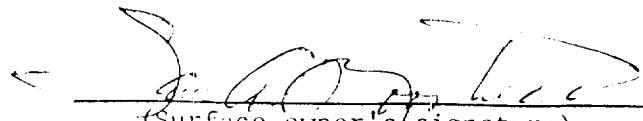
Surface Owner:

Name: Sam A. Moorhead
 Address: Cherry St, Box 1318
 City: Rosewell, N. H. 03201
 State: _____
 Telephone: 505-622-6300
 Date: 7/26/81

Operator/Lessee:

Name: Bill Isler
 Address: 607 BROOKER AVE
 City: Boscawen, N.H.
 State: N.H.
 Telephone: 623-1792
 Date: 7-26-81

I CERTIFY that above rehabilitation plan is acceptable to me. I also waive an intensive Cultural Resource Field Inventory.


 (Surface owner's signature)

This plan does not affect any other agreements between the lessee/operator and surface owner.

EXHIBIT F