

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-095-22532

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
 Kirby Exploration Company

3. ADDRESS OF OPERATOR
 P.O. Box 1745, Houston, Texas 77001

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface
 920' FNL & 1150' FWL
 At proposed prod. zone
 Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 20 miles south of Farmington, 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
 913.25

17. NO. OF ACRES ASSIGNED TO THIS WELL
 160

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

19. PROPOSED DEPTH
 1550'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5955 GL

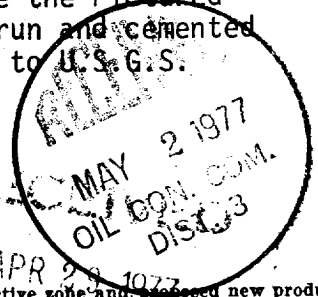
22. APPROX. DATE WORK WILL START*
 ASAP

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|---|
| 11" | 8 5/8 | 20# | 100' | 75 sacks class "B" + 2% CaCl ₂ |
| 6 1/4" | 4 1/2 | 9.6# | 1550' | 200 sacks class "B" |

Move in rotary tools. Drill 11" hole to 100 feet. Set 100 feet 8 5/8" casing and cement as above. Wait on cement 12 hours. Install blow out preventers and drill 6 1/4" hole to 1550 feet. No abnormal pressures are anticipated. The mud program will be a non-dispersed system with the following characteristics: wt 8.8-9.0# per gallon, water loss 8-10 c.c. and viscosity of 30-40 seconds. Once total depth is reached, open hole logs (IEL, FDC-CNL) will be run to evaluate the Pictured Cliff formation. If the well is commercial, 4 1/2" casing will be run and cemented as above. If non-commercial, the well will be plugged according to U.S.G.S. specification.

Gas under this lease is not committed to an existing contract.



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 William T Jones TITLE Agent DATE 4-25-77

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

[Handwritten signature]

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.

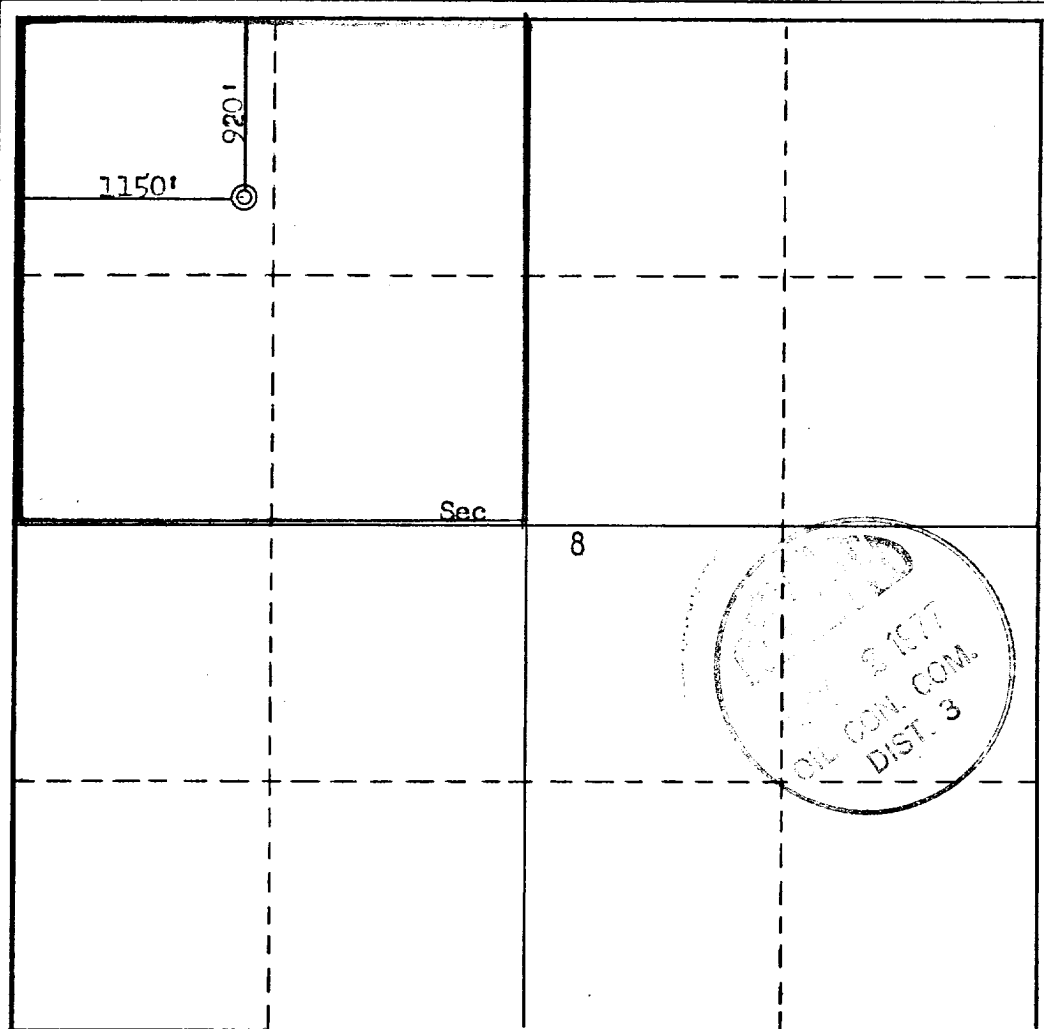
| | | | | | | | | |
|---|--|------------------------|----------------------------------|---------------------------|--|--|--|--|
| Operator Kirby Exploration Company | | | Lease Drishell-Federal | | | Well No. 1 | | |
| Unit Letter D | Section 8 | Township 27N | Range 13W | County San Juan | | | | |
| Actual Footage Location of Well: 920 feet from the North line and 1150 feet from the West line | | | | | | | | |
| Ground Level Elev. 5955 | Producing Formation Pictured Cliff | | Pool Wildcat | | | Dedicated Acreage: 160 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.

William T. Jones

Name
William T. Jones

Position
Agent

Company
Kirby Exploration Company

Date
4-25-77

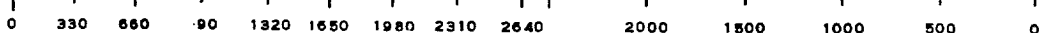
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
April 14, 1977

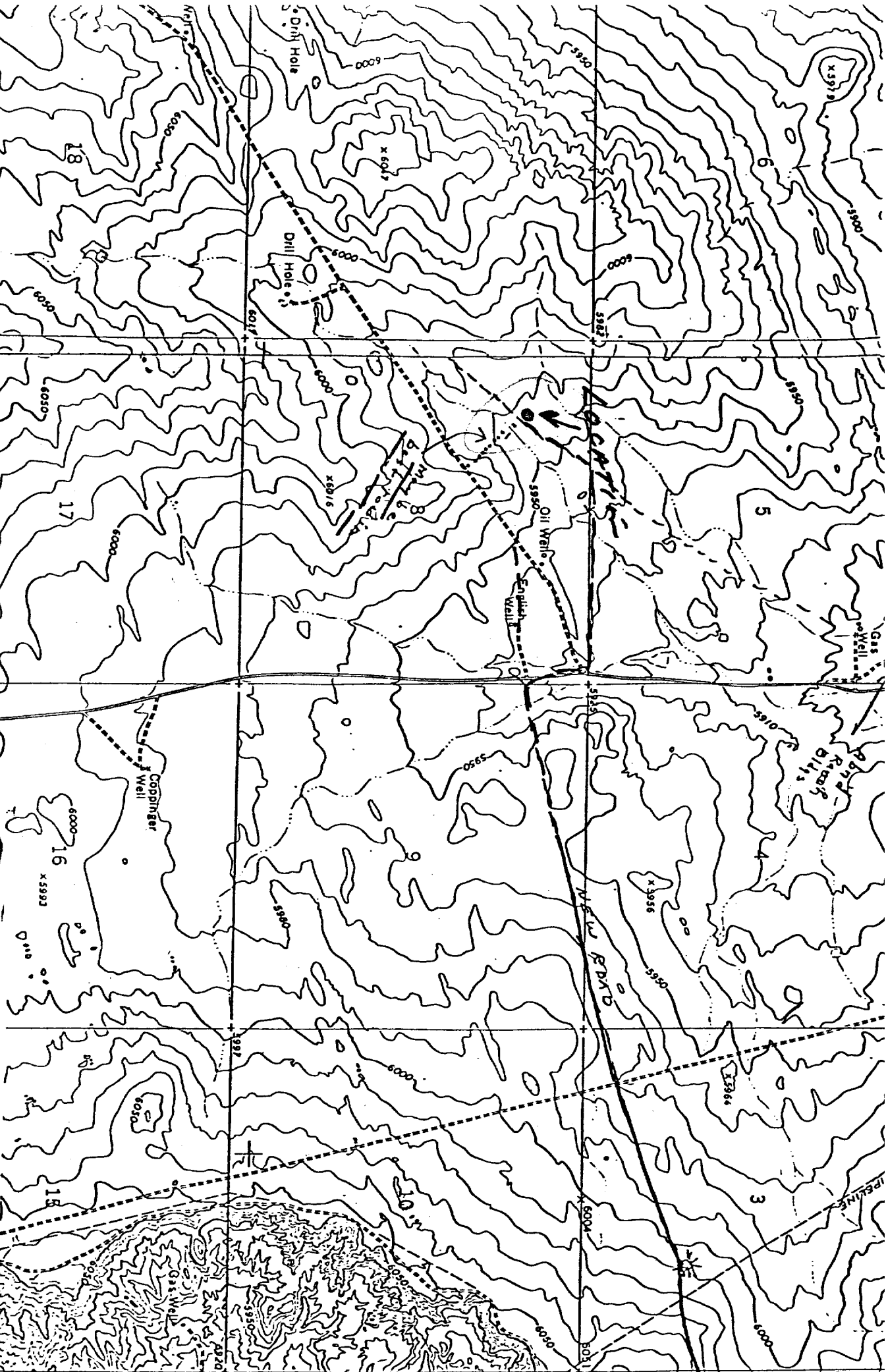
Registered Professional Engineer and/or Land Surveyor

Fred B. Kerr, Jr.
Fred B. Kerr, Jr.

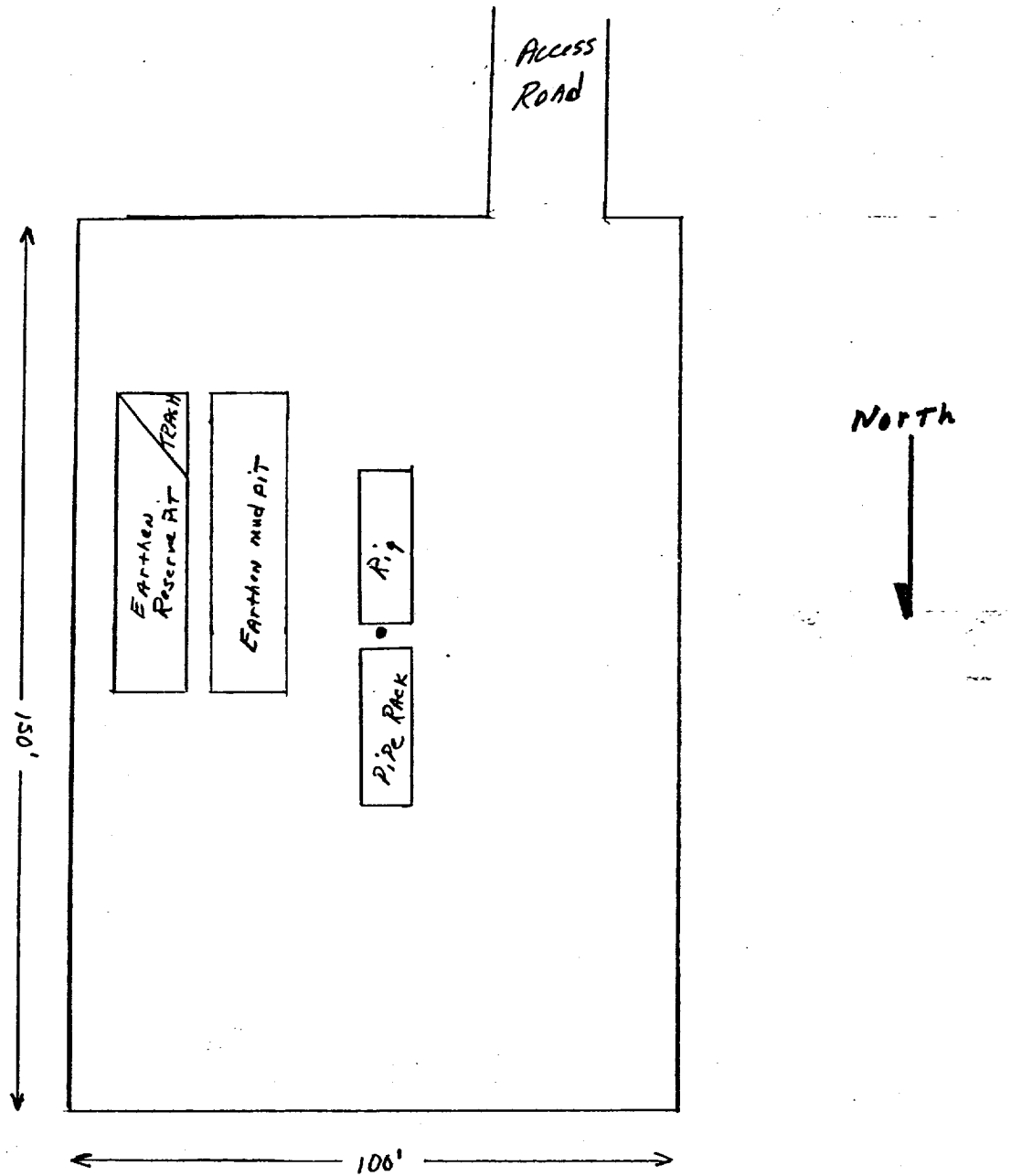
Certificate No.
3950



Vicinity Map for
KIRBY EXPLORATION COMPANY #1 Driskell-Federal
920' FNL 1150' FNL Sec 8-T27N-RL3W
San Juan County, New Mexico



Well site PLAT



SCALE 1" = 30'

Kirby Exploration Company
Driskell Federal #1
Sec 8 - 27N - 13W
920' FNL & 1150' FWL
Wildcat
San Juan County, New Mexico

3E COMPANY, INC.

Engineering • Energy • Exploration

P. O. Box 190 -- 505/327-4020

FARMINGTON, NEW MEXICO 87401

April 25, 1977

U.S. Department of Interior
Geological Survey
P.O. Box 959
Farmington, New Mexico 87401

Attention: Mr. P. T. McGrath
District Engineer

RE: Development Plan for Surface Use
Kirby Exploration Company
Driskell Federal #1
920' FNL & 1150' FWL
Sec 8 - 27N - 13W
Wildcat
San Juan County, New Mexico

Gentlemen:

Attached for your approval is the "Application for Permit to Drill" (form #9-331C) for the captioned well. Also enclosed as support data for the development plan are the following items: Archaeological Clearance, Survey Report, Surveyor's Plat Vicinity Map, and Drill Site Plat. The site has been inspected by the following personnel: Ms. Pat Zarnowski of the Agency of Conservation Archaeology, Mr. Bob Moore of the BLM and Mr. Ray Foster of the U.S.G.S.

The development plan for surface use is as follows:

Points 1, 3, 4, 6, & 9 Vicinity map and drill site plat attached.

Point 2. Water bars will be used on roads where necessary.

Point 5. Water will be trucked from the San Juan River approximately 20 miles to the north.

Point 7. A waste disposal pit will be provided for the garbage and trash. Location shown on drill site plat. Drilling fluids will be contained in reserve pit until such time as evaporation occurs and then pits will be covered. During dry out time, the pits will be fenced to eliminate livestock entry.

Point 8. No camps or airstrip.

Point 10. Should the well be a commercial producer it will be equipped to facilitate producing operations with all drilling pits filled, location leveled, and site reseeded in compliance with current BLM seeding requirements. All surface facilities will be painted sandstone: Federal Standard 595-30318.

Point 11. The location is an area of gently rolling hills covered by native vegetation. No trees are present. An existing road traverses the area of the drill site.

Point 12. William T. Jones
3E Company, Inc.
P.O. Box 190
Farmington, NM 87401
505-327-4020

Point 13. 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 Kirby Exploration Company and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

4-25-77

William T. Jones
William T. Jones

Should further information be required, please advise.

Yours very truly,

William T. Jones
William T. Jones

WTJ:st

Attachments