

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

API 30-043-20225NM 303

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

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

At surface

1190' FNL & 1450' FEL

At proposed prod. zone

Same

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

9 miles south of Councilors, New Mexico

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drg. unit line, if any)

1190'

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

none

16. NO. OF ACRES ASSIGNED
TO THIS WELL

160

19. PROPOSED DEPTH

2300

20. ROTARY OR CABLE TOOLS

rotary

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

7083 GL

22. APPROX. DATE WORK WILL START*

July 1, 1976

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8	24.0	150'	120
7 7/8"	4 1/2	10.5	2300'	200 sacks

Move in and rig up rotary drilling rig. Drill surface hole to 150' and cement 8 5/8" casing with 120 sacks. Install and test series 900 blow-out preventer. Drill 7 7/8" hole to 2300' to evaluate Chacra formation. Run open hole logs. If well is commercial 4 1/2" casing will be run to 2300' and cemented with 200 sacks. If well is not commercial same will be plugged and abandoned in accordance with United States Geological Survey Specifications. Gas reserves under this lease are not dedicated 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 W. T. Jones TITLE AgentDATE 5-17-76

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

OK

DATE

MAY 18 1976

U. S. GEOLOGICAL SURVEY

*See Instructions On Reverse Side

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.

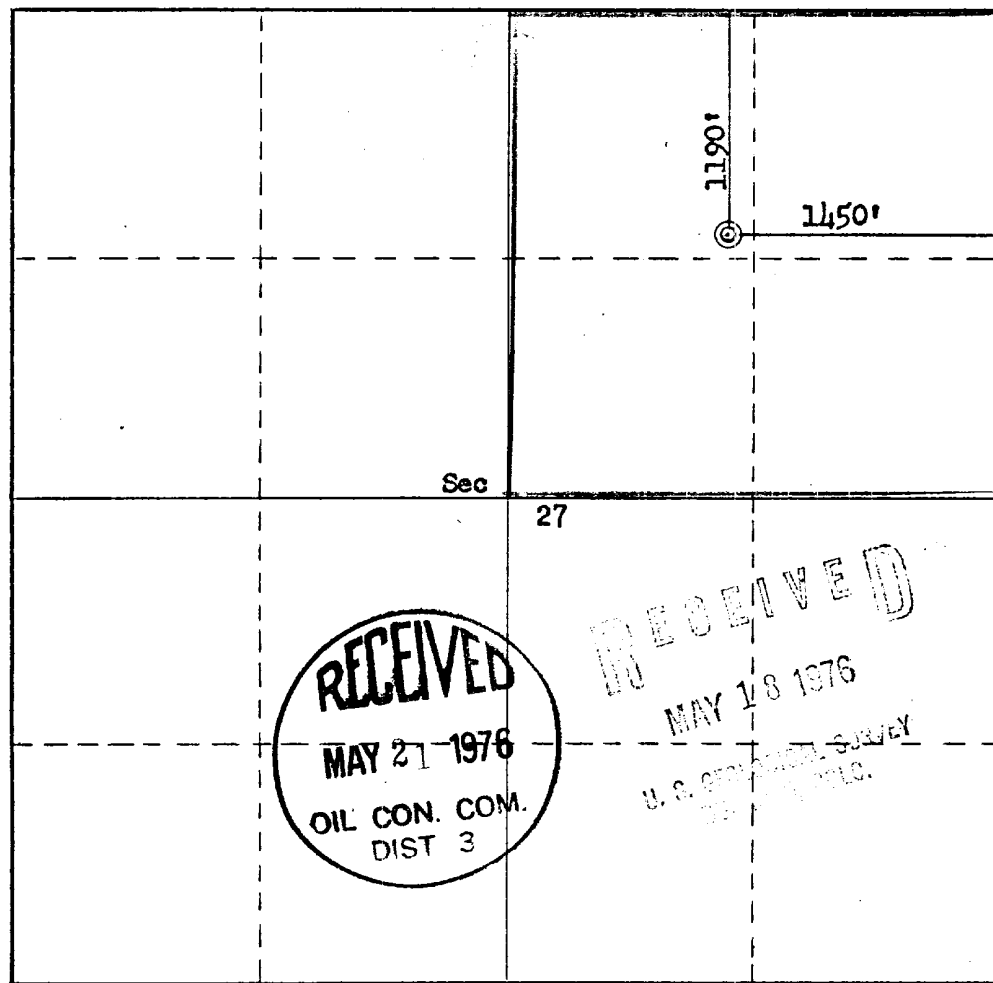
Operator Kirby Exploration Company			Lease		Well No.
Unit Letter B	Section 27	Township 22N	Range 6W	County Sandoval	
Actual Footage Location of Well:					
1190 feet from the North line and		1450 feet from the East line			
Ground Level Elev. 7083	Producing Formation Chacra	Pool Wildcat	Dedicated Acreage: 160 Acres		

- 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.



CERTIFICATION

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

W. T. Jones

Name

Agent

Position

Kirby Exploration Co.

Company

5-17-76

Date

William T. Jones

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

May 5, 1976

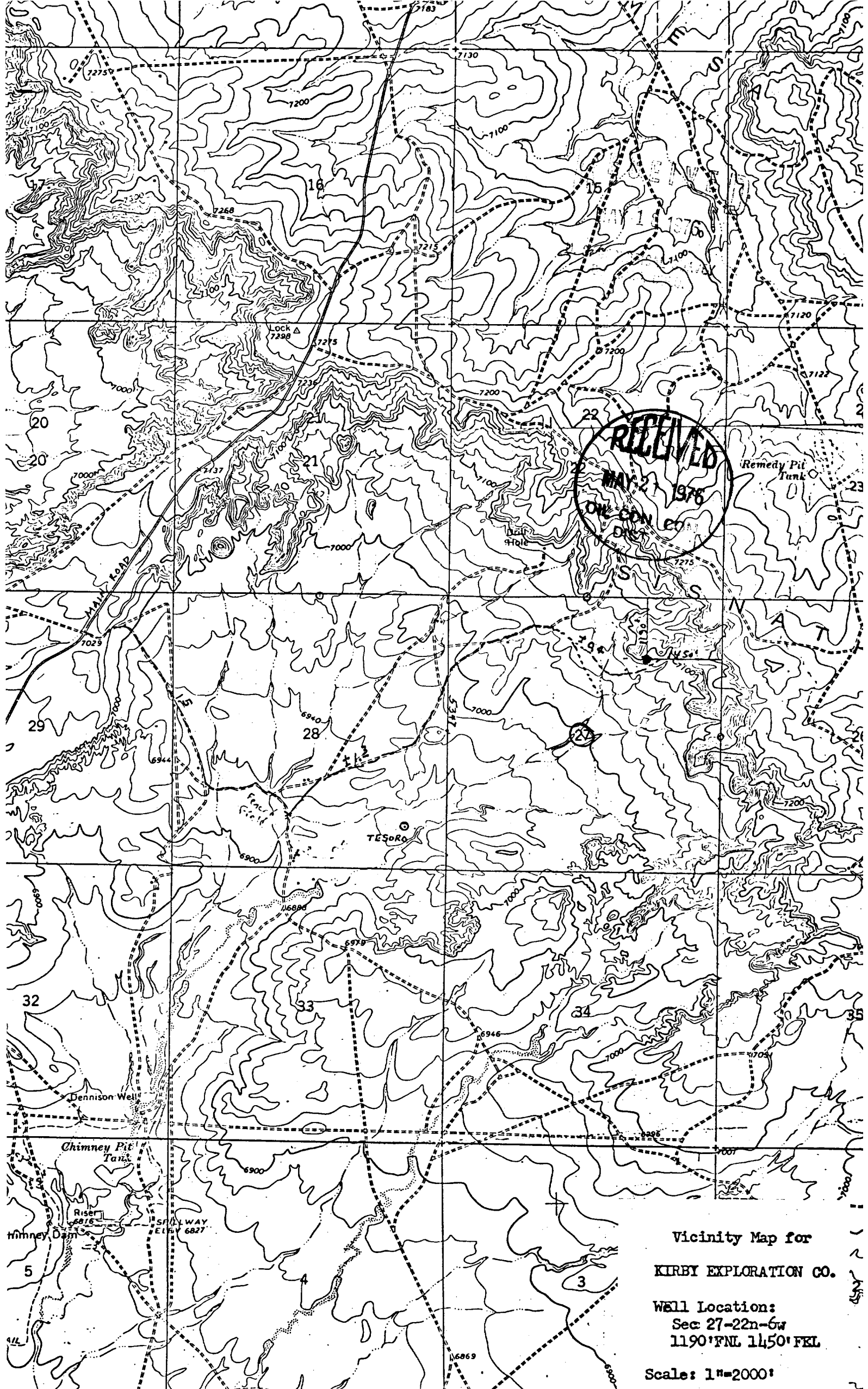
Registered Professional Engineer and/or Land Surveyor

Fred B. Kerr

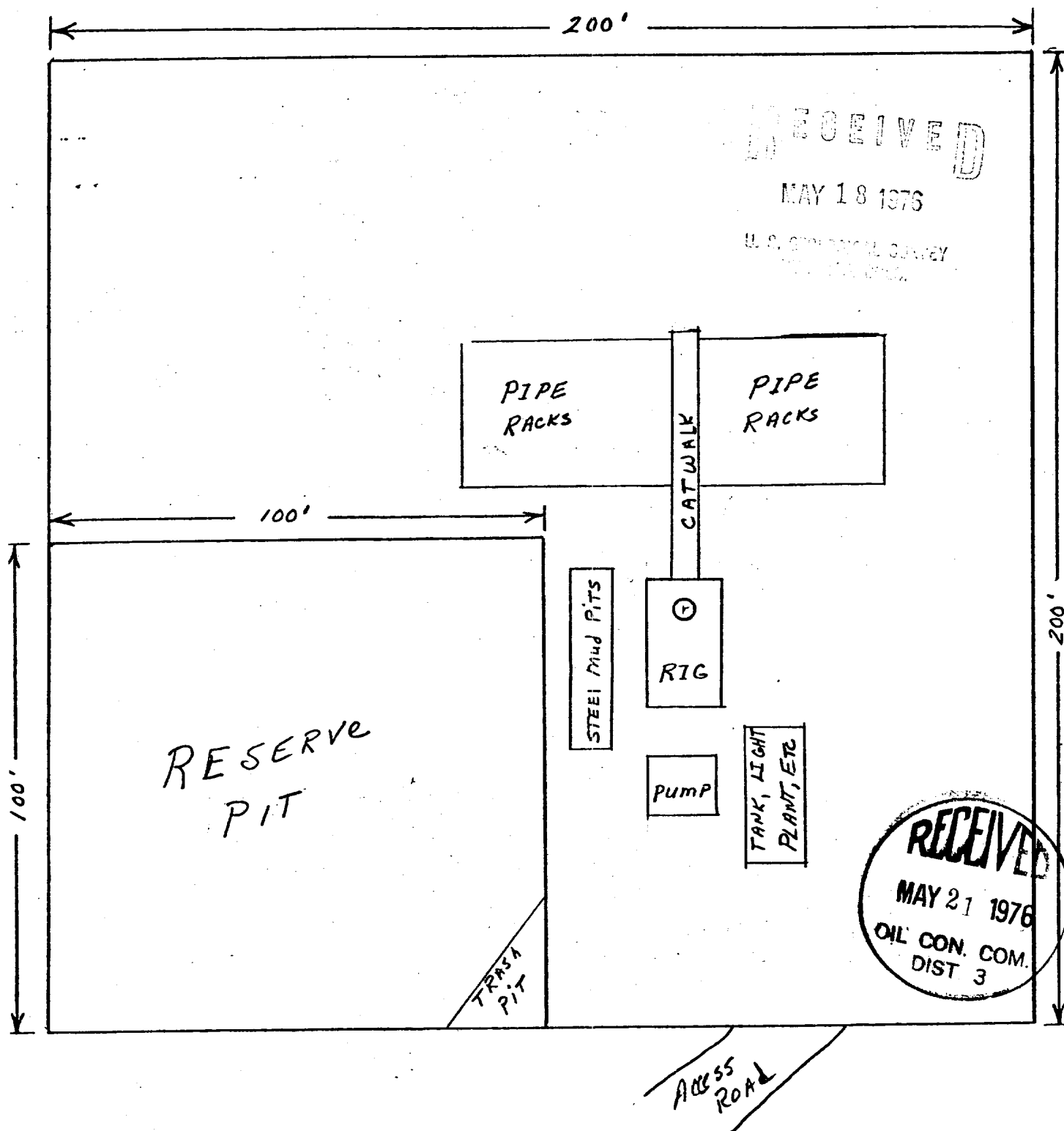
Fred B. Kerr

Certificate No.

3950



Vicinity Map for
KIRBY EXPLORATION CO.
Well Location:
Sec 27-22n-6w
1190' FNL 1150' FEL
Scale: 1"=2000'



Kirby Exploration Company
 Bradshaw Federal #1
 1190' FNL & 1450' FEL
 Sec 27 - 22N - 6W
 Wildcat
 Sandoval County, New Mexico

3E COMPANY, INC.

Engineering • Energy • Exploration

P. O. Box 190 —:— 505/327-4020

FARMINGTON, NEW MEXICO 87401

May 17, 1976

U. S. Department of Interior
Geological Survey
P.O. Box 1809
Durango, Colorado 81301

RECEIVED
MAY 18 1976

P.O. BOX 1809
DURANGO, CO 81301

Attention: Mr. Jerry Long
District Engineer

RE: Development Plan for
Surface Use
Kirby Exploration Company
Bradshaw Federal #1
1190' FNL & 1450' FEL
Sec 27 - 22N - 6W
Wildcat

Gentlemen:

Enclosed is the "Application for Permit to Drill" (form #9-331-C) for the subject well. Attached to the application are the following reports: Archaeological Report, surveyor plat, drill site plat and vicinity map. A visual inspection of the location was made on May 11, 1976 by the following representatives: Ms. Pat Zarnowski with Eastern New Mexico University Division of Conservation Archaeology, Mr. Bob Moore with the Bureau of Land Management, and Mr. John Keller with the United States Geological Survey.

The development plan for surface use is as follows:

Points 1, 2, 3, 4, 5, & 10 Vicinity map and drill site plat attached.

Point 6. Vicinity map. Water for drilling will be obtained from location near Largo Canyon, approximately 18 miles to the north.

Point 7. A waste disposal pit will be provided for the garbage and trash. Location shown on the drill site plat.

Point 8. No camp.

Point 9. No air strip.

Point 11. If the well is a commercial producer, it will be equipped to facilitate producing operations. All drilling pits will be filled, the location leveled and areas reseeded except that used for day to day operations. In the event the well is a dry hole, all pits will be filled, location and well site reseeded in compliance with Bureau of Land Management Specifications. During dry out time required for the reserve pit, it will be fenced to eliminate livestock entry.



Archaeological Clearance Survey Report

for

Kirby Exploration Co.

May 14, 1976

by

Pat Zarnowski



Location

Bradshaw Federal No. 1

Introduction

The Division of Conservation Archaeology of the San Juan County Museum Association and Eastern New Mexico University recently completed an archaeological clearance survey on land under the control of the Bureau of Land Management to be impacted by the scheduled construction of a well and access road.

The survey was initiated at the request of Bill Jones of the Three E company. It was administered by Mr. Jones representing Kirby Exploration Co. and by Dr. J. Loring Haskell who serves as the principal investigator for the Division of Conservation Archaeology of the San Juan County Museum Association and Eastern New Mexico University.

The field work was conducted on May 11, 1976 by Pat Zarnowski representing the Division of Conservation Archaeology under provisions of Antiquities Permit No. 76-NM-023. Other representatives in the field were Bill Jones of the Three E Company, Jim Hill of Allen Construction Co., Bob Moore of the Bureau of Land Management, and Mr. Keller of the United States Geological Survey in Durango, Colorado.

Survey

The requested archaeological clearance survey involved one well pad and access road, described below. For specific details as to location, please refer to the attached copies of maps and plats and the recommendation section of this report.

The general procedure employed for this survey was to walk the area of proposed construction, in a zig-zag manner. Any artifact found initiated a further search to determine whether it was an isolated find or was associated with an architectural feature or group of artifacts. Erosional gullies and arroyos were also inspected for evidence of subsurface cultural remains. Floral, faunal and geological observations were made to briefly describe the

environmental situation.

Bradshaw Federal No. 1: This well is to be located at the base of a prom-itory of Sisnathyel Mesa. The area is generally sloping to the southwest with drainage ending at Chimney Dam, which is approximately 3 miles to the southwest. Elevation here is just under 7100 feet. At the pad area there were several Ponderosa pines, Pinus ponderosa, but they will not be damaged in the construction of this well. Gambel oak, Quercus gambelii, pinyon pines, Pinus edulis, junipers, Juniperus sp., were also present.

The access road is that of an old seismic trail and it will be widened to accomodate the heavy equipment needed for the drilling of this well. The main vegetation along the access road is sage, Artemisia tridentata, and various grasses with a few tress scattered here and there.

The only cutural resource was a fairly new animal pen constructed of branches and approximately 20 feet in diameter. No artifacts were noted. This is lo-cated at least 150 feet west of edge of the proposed pad area and 40 feet north of the access road so it will not be damaged.

Recommendations

Because the only cultural resource encountered is of a fairly recent nature and does not threaten to be damaged by the construction of this well or access road, it is recommended that archaeological clearance be granted.

<u>Well</u>	<u>Size</u>	<u>Location</u>	<u>Clearance Status</u>
Bradshaw Fed- eral No. 1.	Pad: Approximately 2 acres. Access road: Approxi- mately 30 feet by 2800 feet.	1,190 feet from the North line, 1,450 from the East line of Section 27, Town- ship 22 North, Range 6 West, Sandoval, County, New Mexico. Map source: U.S.G.S. Mule Dam 7.5 minute quadrangle.	Recommended



U. S. Department of Interior
May 17, 1976
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.. Point 12. This well is located at the base of a promitory of Sisnathyel Mesa. Several Ponderosa Pines are present in the pad area but will not be damaged. Gambel oak and pinyon pines are also present.

Should further information be desired, please advise.

Yours truly,

William T. Jones

W. T. Jones

WTJ:kj

Enclosures

