SUBMIT IN TRIPLICATE*

Form approved. Budget Bureau No. 42-R1425.

(Other instructions on reverse side) UNITED STATES

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with 75 sacks. Drill 64" hole to 1500 feet. Run open note logs to evaluate return cliff formation. If commercial production is indicated, 44" casing will be set at 1500 feet and cemented with 150 sacks. If well is non-commercial, same will be plugged and abandoned with U.S.G.S. specifications. 6" 600 series blow-out preventers will be installed before drilling out from under surface pipe. Gas under this lease is not committed to a contract. AUG 1 1976 W. S. GEGLOGICAL SURVEY F. P. W. W. GLOW OF THE STATE	_6 1	<u> 4½</u>	10.5		1900				
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Olal

Archaeological Clearance Survey Report

for

Kirby Exploration Co.

Location

Federal No. 1



Sub mitted by

Dr. J. Loring Haskell
Operations Director and
Principal Investigator
Agency of Conservation Archaeology

Prepared by

Pat Zarnowski

Introduction

The Agency of Conservation Archaeology of the San Juan County Museum Association and Eastern New Mexico University recently completed an archaeological clearance survey in the Hugh Lake area on land which is to be impacted by the scheduled construction of a well and access road by Kirby Exploration Company.

The survey was initiated at the request of Mr. Bill Jones of 3E Company, Inc. on July 21, 1976. It was adminitered by Mr. Jones and by Dr. J. Loring Haskell who serves as the principal investigator for the Division of Conservation Archaeology in Portales, New Mexico.

The field work was conducted on July 23, 1976 by Pat Zarnowski of the Agency of Conservation Archaeology in Farmington, New Mexico under pro mit number 76-NM-023 issued by the Bureau of Land Management represented Kirby Exploration in the field.

The requested archaeological clearance survey involved one well) pad sid accroad described below, which is located on land under the jurishing the Bureau of lane Management. road described below, which is located on land under the jurisdiction of the Bureau of Land Management. For specific details as to location, please refer to the attached copies of maps and plats and the recommendations 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.

Federal No. 1: The proposed location for this well is on the rolling plains on the bluffs south of Farmington. The soil is very sandy and sand dunes are scattered throughout. The predominant vegetation is Morman tea, Ephedra viridis, prickly 'pear cacti, Opuntia sp., yucca, Yucca angustissima, and various herbs and grasses.

Cultural resources: None

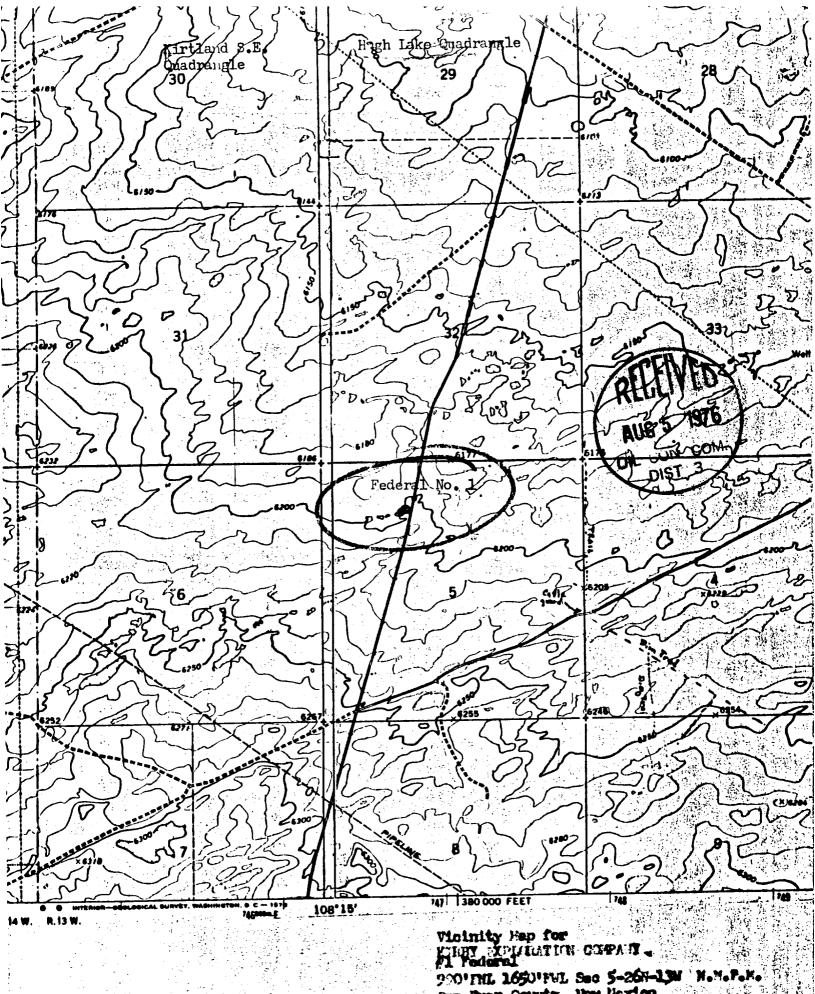
Recommendations

Due to the lack of cultural resources on this proposed location, it is recommended that archaeological clearance be granted.

Well	Area	Location		Clearance	Status
Federal No. 1		990 feet from the		Recommend	led 🔭 🖟
	100 feet by 100 feet.	1,650 feet from th	e West line,		
		in the NW of Sec.	5, Township		
	Road: 30 feet by	26 Morth, Range 13	West, San		
-	175 feet	Juan County, New M			
		source: Hugh Lake	U.S.G.S 7.5		
••		minute quadrangle.			电音经 環境

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section Operator Federal Kirby-Exploration Company County Range Section Unit Letter San Juan 26N Actual Footage Location of Wells West North line and feet from the Pool Ground Level Elevi **Producing Formation** 6198 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? 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 Commis-िर्देश केने ने कर्नियों है स्मेर्स CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. I heroby certify that the well location shown on this plat was platted from field notes of actual surveys made by me or under my supervision, and that the same Is true and correct to the best knowledge and belief. July 22 Fred B Kerr 1650



San Duan County, New Hexten Scale: 1 2000

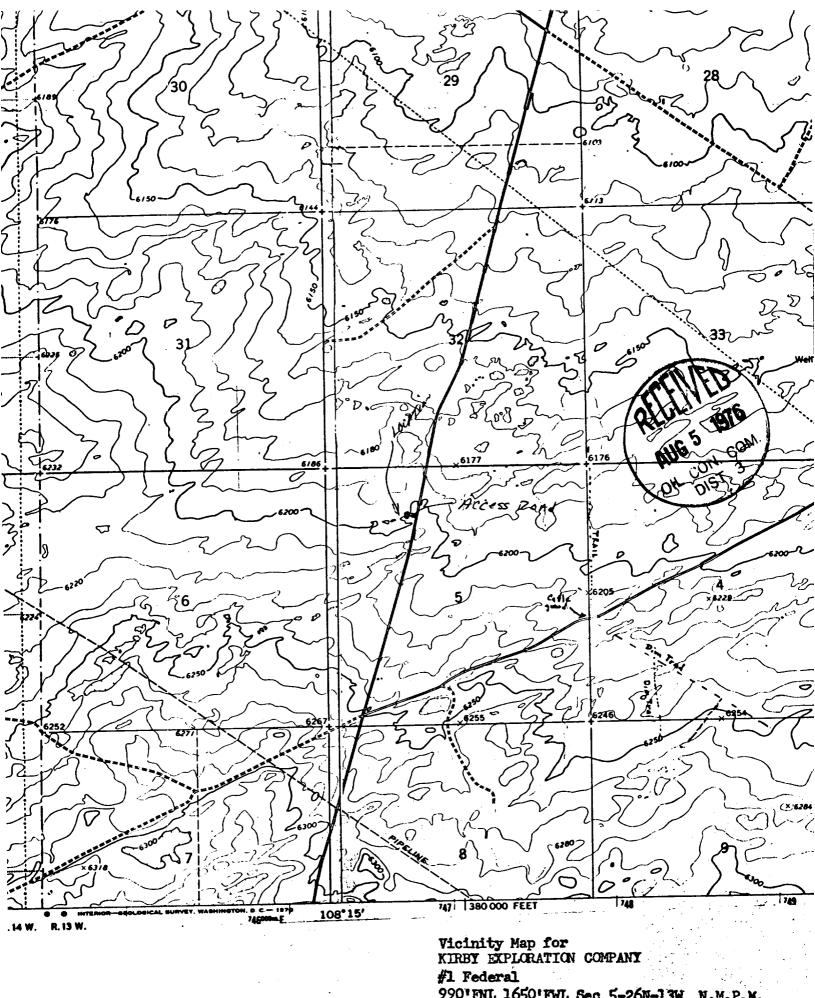
NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section. Well No. Operator 1 Federal Kirby Exploration Company County Range Township Section Unit Letter San Juan 13W 5 26N Actual Footage Location of Well: 1650 West line feet from the North line and feet from the Dedicated Acreage: Pool Froducing Formation Ground Level Elev: 4 Acres WAW Extension Picture Cliff 6198 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? If answer is "yes," type of consolidation _ X No ີ Yes 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. 1650 W. T. Jones Name Agent Position Kirby Exploration Company Compony August 2. 5 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. Certificate No. 500 1000 1980 2310 2000 1500 1320 1650 330 660 190

Well SiTE EArthow Mud pit EArthen Peserne Air 150

Scale 1"= 30"

Kirby Exploration Company Kirby Federal #1 990' FNL and 1650' FWL Sec 5 - 26N - 13W



990'FNL 1650'FWL Sec 5-26N-13W N.M.P.M. San Juan County, New Mexico Scale: 1 = 2000

3E COMPANY, INC.

Engineering • Energy • Exploration

P. O. Box 190

_ 505/327-4020

FARMINGTON, NEW MEXICO 87401

August 2, 1976



RECEIVED

AUG 4 1976

U. S. GEOLOGICAL SURVEY

U. S. Department of Interior Geological Survey P.O. Box 959 Farmington, N.M. 87401

Attention: Mr. P. T. McGrath

District Engineer

RE: Development Plan for Surface Use Kirby Exploration Company

Kirby Federal #1

990' FNL and 1650' FWL

Sec 5, T26N, R13W WAW Picture Cliff

San Juan County, New Mexico

Gentlemen:

Attached is the "Application for Permit to Drill" (form #9-331C) for the subject well. Also enclosed are the following items: archaeological report, surveyor's plat, drill site plat and vicinity map. Mr. Bob Moore of Bureau of Land Management, Mr. Ray Swanson of the United States Geological Survey and Ms. Pat Zarnowski of the Agency of Conservation Archaeology have inspected the site.

The development plan for surface use is as follows:

Points 1, 2, 3, 4, 6, & 9 Vicinity map and drill site plat attached.

- Point 5. Water for drilling will be trucked from the San Juan River approximately 24 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.
- 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 well site reseeded in compliance with current Bureau of Land Management seeding requirements. During dry out time required for the reserve pit it will be fenced to eliminate livestock entry.

U.S. Department of Interior August 2, 1976 Page 2

Point 11. The topography of the area is that of rolling plains. The location is on a flat area approximately 200 feet from a well traveled road. No trees are present with vegation being normal for the climation condition.

Point 12.

William T. Jones 3E Company, Inc. P.O. Box 190 Farmington, N.M. 87401 Phone: 505-347-4020

Point 13. I hereby certify that I or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in the 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.

8-3-76

William T. Jones, Agent

Should further information be desired, please advise.

Yours truly, William T. Jones

William T. Jones

WTJ:kj

Attachments

