

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.

NM 12268

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Grynberg-Elkins

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

17-7S-29B

12. COUNTY OR PARISH 13. STATE

Chaves

N.M.

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

Fred Pool Drilling, Inc.

3. ADDRESS OF OPERATOR

437 J P White Bldg.

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

At surface

1650 FWL 2310FSL Section 17

At proposed prod. zone

San Andres

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

30 miles NE Roswell - 2 mi NE Elkins

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

330 ft.

16. NO. OF ACRES IN LEASE

160

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

NA

19. PROPOSED DEPTH

2900

20. ROTARY OR CABLE TOOLS

Cable tool

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

GR 4027.00

22. APPROX. DATE WORK WILL START*

8-15-80

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8	24# new	200 ft.	150 sx
8"	4 1/2	9.5 # new	2900 ft.	225 sx

Cable tool control head will be used.

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ARTESIA, NEW MEXICO

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 prevention program, if any.

24

SIGNED

Pete Jones

TITLE Secretary

DATE 6-16-80

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

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.

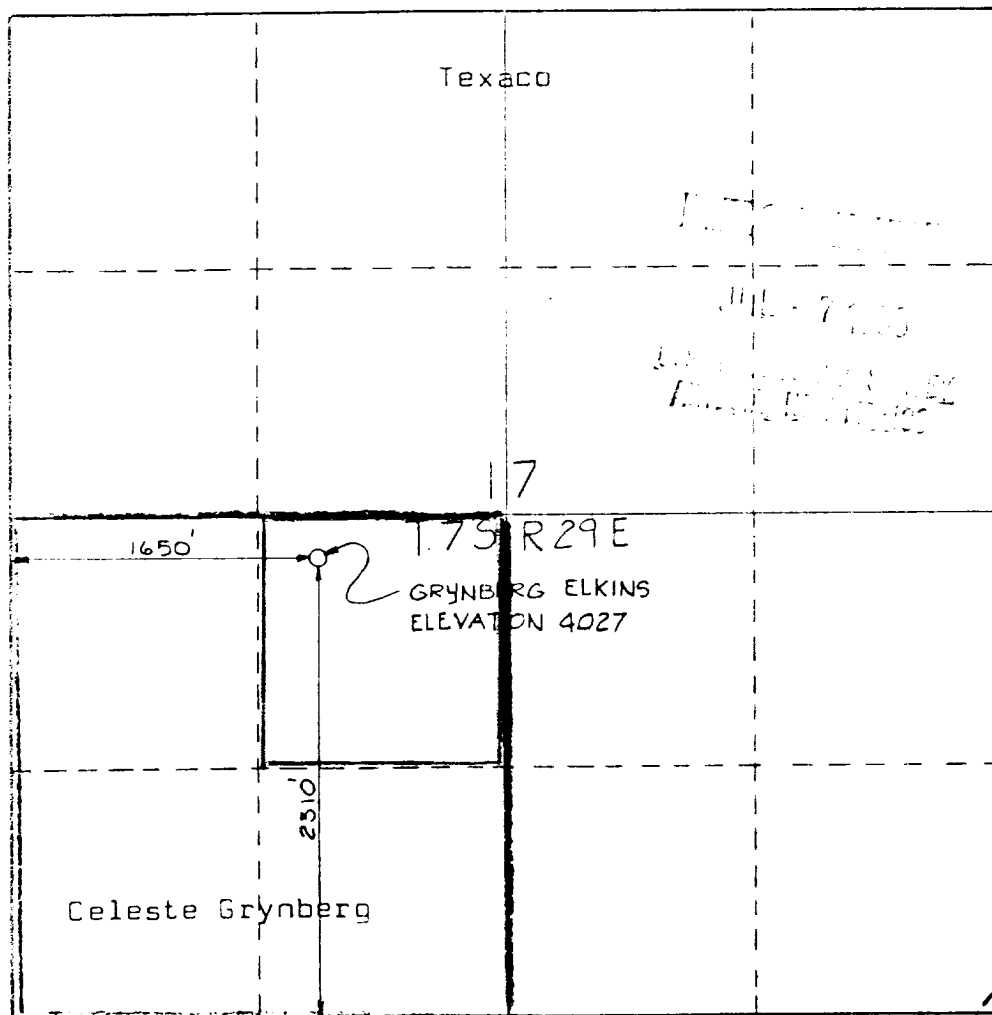
Fred Pool Drilling, Inc.			Lease Grynberg-Elkins		Well No. 1
Section Letter K	Section 17	Township 7S	Range 29E	County CHAVES	
Actual Footage Location of Well: 2310 feet from the South line and 1650 feet from the West line					
Ground Level Elev. 4027.00	Producing Formation San Andres	Pool Wildcat	Dedicated Acreage: 40 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.



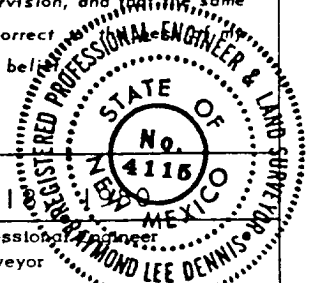
CERTIFICATION

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

Fred Pool, Jr.

Name Fred Pool, Jr.
Position Fred Pool Drilling, Inc.
Company 6-19-80
Date

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 June 1, 1980
Registered Professional Engineer and/or Land Surveyor Raymond Lee Dennis, P.E.
Certificate No. 4115



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United States Department of the Interior

REC-13

AUG 1 1980

GEOLOGICAL SURVEY

P. O. Drawer U
Artesia, New Mexico 88210

O. C. D.
ARTESIA OFFICE

July 31, 1980

Fred Pool Drilling, Inc.
437 J P White Bldg.
Roswell, New Mexico 88201

Gentlemen:

FRED POOL DRILLING, INC.
Grynberg-Elkins No. 1
2310 FSL 1650 FWL Sec. 17 T.7S R.29E
Chaves County Lease No. NM-12268

Above Data Required on Well Sign

Your APPLICATION FOR PERMIT TO DRILL the above-described well to a depth of 2,900 feet to test the San Andres formation is hereby approved subject to compliance with the OIL AND GAS OPERATING REGULATIONS (30 CFR 221) and the following conditions:

1. Drilling operations authorized are subject to compliance with the GENERAL REQUIREMENTS FOR OIL AND GAS OPERATIONS ON FEDERAL LEASES, dated July 1, 1978.
2. Prior to commencing construction of road, pad, or other associated developments, operator will provide the dirt contractor with a copy of the SURFACE USE PLAN and this approval including the GENERAL REQUIREMENTS.
3. All access roads will be limited to a 12 foot wide driving surface, excluding turnarounds. Surface disturbance associated with road construction will be limited to 20 feet in width.
4. Submit a Daily Report of Operations from spud date until the Well Completion Report (form 9-330) is filed. The progress report should be not less than 8" x 5" in size and each page should identify the well.
5. All permanent above-ground structures and equipment shall be painted in accordance with the attached Painting Requirements. The color used should simulate Sandstone Brown (Federal Standard No. 595A, color 20318 or 30318).
6. Notify the Survey by telephone 24 hours prior to spudding well.
7. Cement behind the 8-5/8" casing must be circulated.
8. Please have anyone contacting the Survey in regard to this well to identify the well with all of the information required above for the well sign.

Sincerely yours,

George H. Stewart
Acting District Engineer

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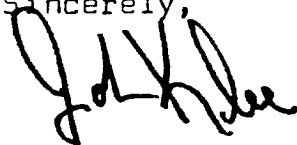
JUNE 26, 1980

Fred Pool Drilling Company
Suite 437, White Building
Roswell, NM 88201

TO WHOM IT MAY CONCERN: USGS
Section 17 - T7S - R29E
1650 FWL 2310 FSL
Chaves County, N.M.

This letter is a confirmation by the undersigned that an agreement between Mr. A.L. Daughtry and Fred Pool Drilling Company has been made concerning the building of an access road and the construction of a well pad on the A.L. Daughtry fee land.

Sincerely,



John Klee
Fred Pool Drilling Company

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ALBUQUERQUE, NEW MEXICO

SUPPLEMENTAL DRILLING DATA

Fred Pool Drilling Company
Well # 1 Grynberg Elkins
1650 FWL 2310 FSL Sec. 17
Township 75 Range 29E Chaves County N.M.

In conjunction with form 9-331C, application for permit to drill subject well, Fred Pool Drilling Company submits the following eight items of pertinent information in accordance with USGS requirements.

1. Surface Formation: Permian
2. Production Zone: San Andres
3. Proposed Depth: 2900 feet
4. Proposed Casing Program: See Form 9-331C
5. Circulating Medium: None
6. Auxiliary Equipment: Cable tool control head will be used.
7. Testing and Logging Program : Surface: Casing to TD
Logging: Compensated
Neutron Formation Density
will be run when TD is reached.
8. Anticipated starting date: It is planned that operation will commence about August 1, 1980.

MULTI-POINT SURFACE USE

AND

OPERATIONS PLAN

Fred Pool Drilling Company
Grynberg - Elkins No. 1
1650 FWL 2310 FSL Sec. 17
Township 7S - 29 E Chaves County NM

This plan is submitted with Form 9-331C, application for permit to drill. The purpose of this plan is to describe the location of proposed well, the proposed construction activities pad, pits and access roads.

1. LOCATED: 31 Miles N.E. of Roswell
2. FEDERAL LEASE NUMBER: NM 12268
3. RECORD LESSEE: Celeste C. Grynberg
4. OPERATION AUTHORITY: Designation of operator from record lessee.
5. BOND COVERAGE: 10,000 Bond of oil & gas lessee
6. ACRES IN LEASE: 160 More or less
7. Surface Ownership: A.L. Daughtry
Clovis Star RTE
Roswell, NM 88201
8. WELL SPACING: San Andres 40 Acres

9. DIRECTION: Starting point is intersection of Highway 70 and 285 N. of Roswell. Take Highway 70 30 miles to Elkins (Gas Station). Proceed 1/2 mile to dirt road south of highway (White Lakes Ranch) cross RR tracts and turn left (N.E.) and follow new road approximately four miles to well site.
10. PLANNED ACCESS ROAD:
- A. See Exhibit A
 - B. The proposed new access road will be approximately 1 1/2 mile in length.
 - C. The new road will be 12 feet in width (Driving surface, except at point of origin, adjacent to existin road, at which point enough additional width will be provided to allow heavy trucks and equipment to turn.
11. WATER SUPPLY: Water tank will be used. Water to be hauled.
12. LOCATION OF EXISTING WELLS: There is no producing well on this lease at the present time.
13. WELL SITE LAYOUT :
- A. The drill site has been surveyed, staked and flagged.
 - B. The dimensions of location and pits is shown on attachment B.

14. PLANS FOR RESTORATION OF THE SURFACE:

A. After completion of drilling and / or completion operation, 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 unguared pits containing fluid will be fenced until they are filled.

15. PONDS AND STREAMS - None

16. SOURCE ON CONSTRUCTION MATERIAL: Some caliche may be hauled from privately owned pit.
(A.L. Daughtry)

17. ARCHAEOLOGICAL REPORT: Archaeological report was preformed by Rodrick MacLennan, E.N.M.U., June 27, 1980. This report was to be submitted to USGS office in Artesia.

18. LAND USE: Grazing and occassional hunting.

19. OPERATOR'S REPRESENTATIVE: Representative

responsible for assuring compliance with the
approved surface use plan:

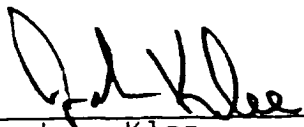
Fred Pool Jr.
437 J.P. White BLDG.
Roswell, NM 88201
Phone: (505) 623-8202

20. CERTIFICATION:

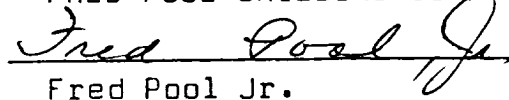
I hereby certify that I have inspected the
proposed drill site and access routes that I
am familar with the conditons which presently
exists; that the statements made in this plan
are, to the best of my knowledge true and
correct: and, that the work associated with
the operations proposed herein will be performed
by FRED POOL DRILLING COMPANY and its subcontractors
in conformity with this plan and terms and condtions
under which it is approved.

Prepared: June 27, 1980.

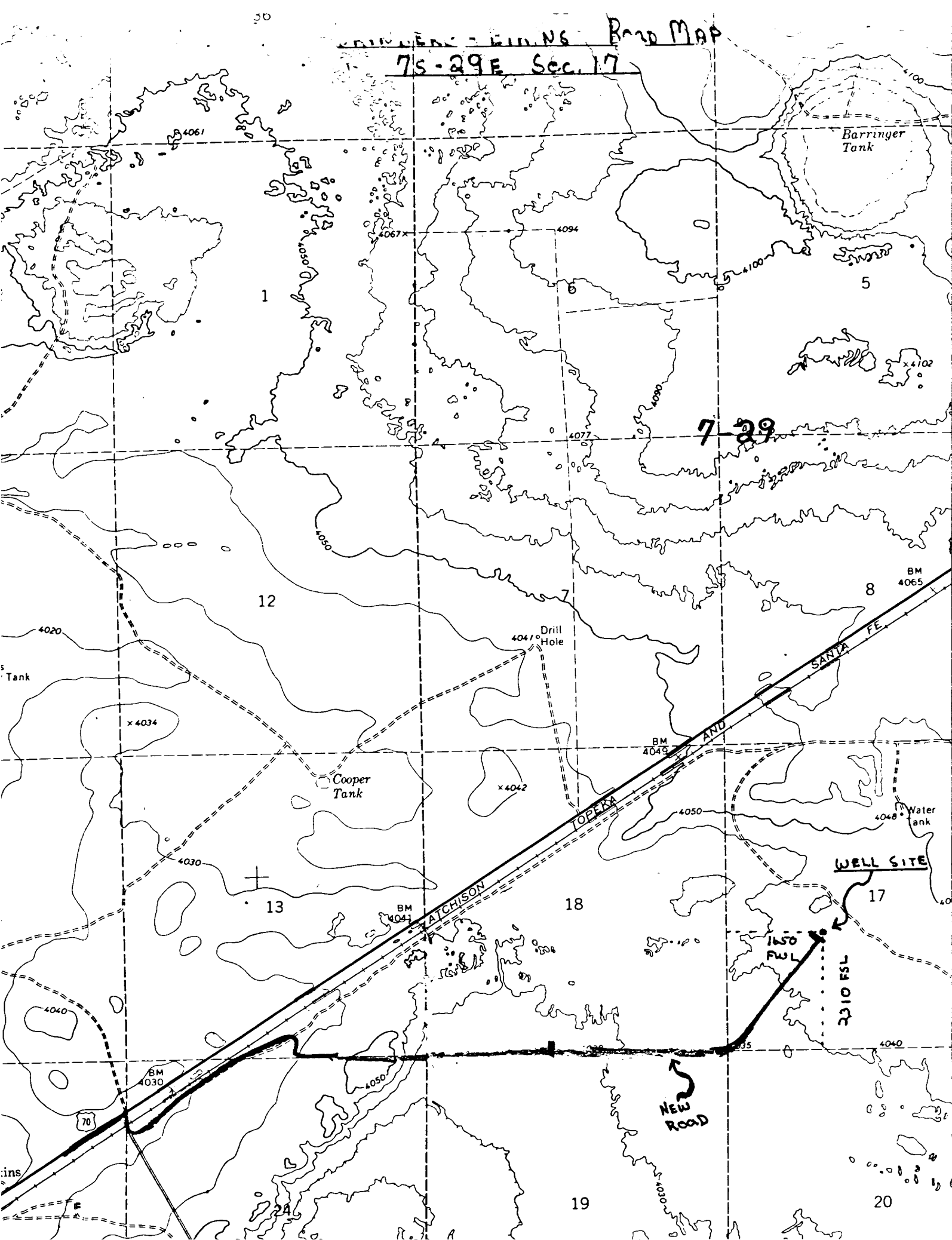
by


John Klee

FRED POOL DRILLING COMPANY


Fred Pool Jr.

CRIMINAL - WINNS ROAD MAP
75-29E Sec. 17



CABLE TOOL WELL PAD

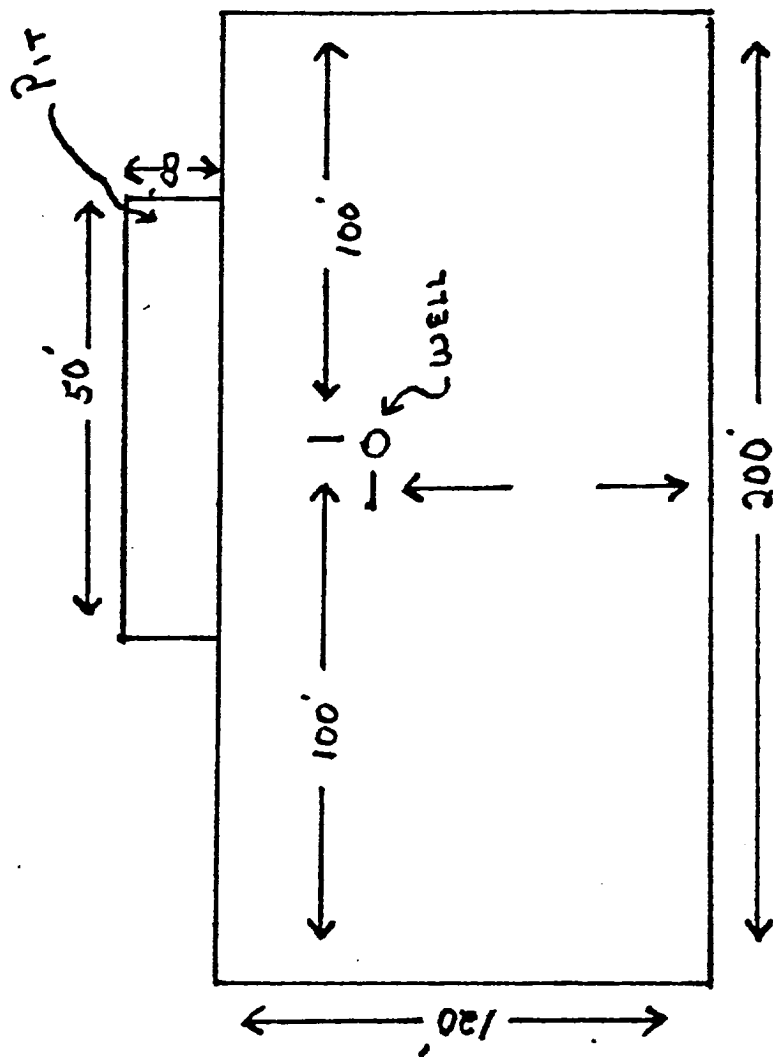
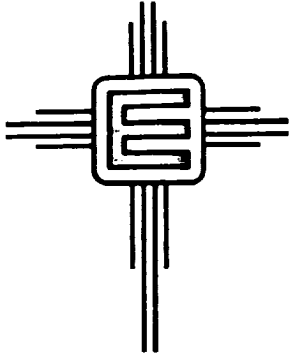


EXHIBIT B

FRED POOL DRILLING CO.
GRYNBERG ELKINS # 7
1650 FWL 2310 FSL
75-29E Sec. 17



A C A
an archaeological service of
EASTERN NEW MEXICO UNIVERSITY
STATION #9
PORTALES, NEW MEXICO 88130
(505) 562-2254
Roswell Office (505) 347-2754



June 30, 1980

Mr. John Klee
Fred Pool Drilling Co.
Room 437, White Bldg.
Roswell, NM 88201

Dear Mr. Klee:

Enclosed please find a copy of the Agency for Conservation Archaeology's clearance report of June 27, 1980 for Fred Pool Drilling Company in Chaves County, New Mexico. No archaeological sites or isolated manifestations were encountered during the course of this reconnaissance.

If I may be of further service to you, do not hesitate to call me at (505) 562-2254.

Sincerely,

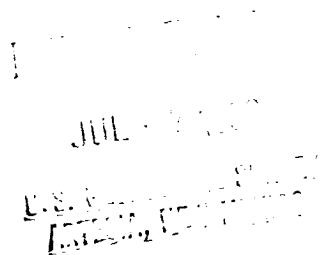
Colleen M. Beck

Dr. Colleen M. Beck
Director, ACA

dlo

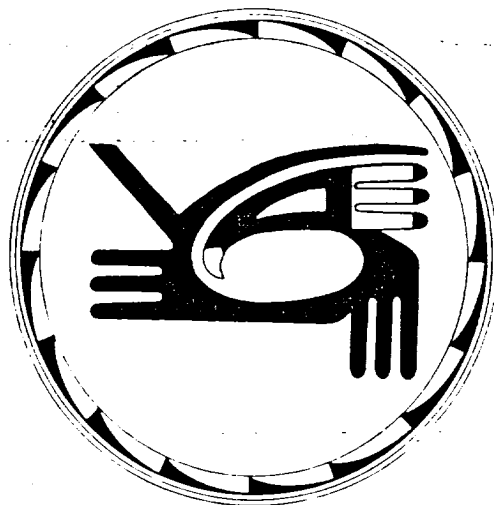
Enclosure

Copies to: A. Ramage, BLM Roswell
USGS Artesia Office
T. Merlan, SHPO



A C A

Llano Estacado Center for Advanced
Professional Studies and Research
Eastern New Mexico University
Portales, New Mexico 88130



ARCHAEOLOGICAL CLEARANCE REPORT
FOR
FRED POOL DRILLING COMPANY.

GRYNBERG ELKINS NO. 1

090-248

REPORT PREPARED BY
ROD MACLENNAN
MILES LINNABERY

SUBMITTED BY
DR. COLLEEN M. BECK
DIRECTOR

JUNE 30, 1980

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U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

INTRODUCTION

AN ARCHAEOLOGICAL RECONNAISSANCE WAS RECENTLY COMPLETED BY THE AGENCY FOR CONSERVATION ARCHAEOLOGY OF EASTERN NEW MEXICO UNIVERSITY FOR FRED POOL DRILLING COMPANY. IN CHAVES COUNTY, NEW MEXICO. THE RECONNOITERED AREA WILL BE IMPACTED BY THE CONSTRUCTION OF A WELL PAD. THE PROJECT WAS ADMINISTERED BY MR. JOHN KLEE REPRESENTING FRED POOL DRILLING COMPANY AND DR. COLLEEN M. BECK, DIRECTOR, FOR ACA. THIS REPORT WAS PREPARED BY THE ROSWELL OFFICE OF ACA, ROD MACLENNAN, MANAGER.

THE FIELD WORK WAS CONDUCTED ON JUNE 28, 1980 BY ROD MACLENNAN. GOOD FIELD AND WEATHER CONDITIONS PREVAILED THROUGHOUT THE COURSE OF THIS RECONNAISSANCE. THIS SURVEY WAS CONDUCTED UNDER FEDERAL PERMIT NUMBER 80-NM-111. A SEARCH OF THE NATIONAL REGISTER HAS BEEN MADE AND PROPERTIES WITHIN THIS AREA ARE NOT LISTED ON THE REGISTER.

SURVEY TECHNIQUE

VISUAL INSPECTION OF THE WELL PAD WAS COMPLETED BY WALKING A SERIES OF PARALLEL TRANSECTS. EACH TRANSECT WAS COVERED IN A TIGHTLY SPACED ZIG-ZAG. THE DISTANCE BETWEEN TRANSECTS WAS 25 FEET. THIS METHOD MAXIMIZES THE OPPORTUNITY OF OBSERVING ANY CULTURAL RESOURCES WITHIN OR NEAR THE PROPOSED AREA OF IMPACT.

GRYNBERG ELKINS NO. 1

THE PROPOSED WELL PAD IS LOCATED 2.5 MILES NORTHEAST OF ELKINS, NEW MEXICO, IN THE PECOS RIVER VALLEY. THE PAD MEASURES 400 X 400 FEET AND IS SITUATED AS FOLLOWS:

NE 1/4 SW 1/4, SECTION 17, T7S, R29E, NMPM, CHAVES COUNTY, NEW MEXICO (PRIVATE SURFACE/FEDERAL MINERAL)

MAP REFERENCE: USGS ELKINS QUADRANGLE 7.5 MINUTE SERIES, 1967. (FIGURES 1 AND 2)

TERRAIN

THE PROPOSED WELL PAD IS LOCATED IN THE PECOS RIVER VALLEY 10,000 FEET NORTH NORTHEAST OF LITTLE RED LAKE. IT IS SITUATED IN A SHALLOW PLAYA ON A SANDY PLAIN. THE ELEVATION IS 4040 FEET (1231.392 METERS). THE SOILS ENCOUNTERED IN THE AREA ARE

Figure 1

Agency for Conservation Archaeology

Well Location Schematic

Company: FRED POOL DRILLING CO. Lease: Grynberg Elkins Well No.: 1

2310 feet from the South line

1650 feet from the West line

Section: 17

Township: T7S

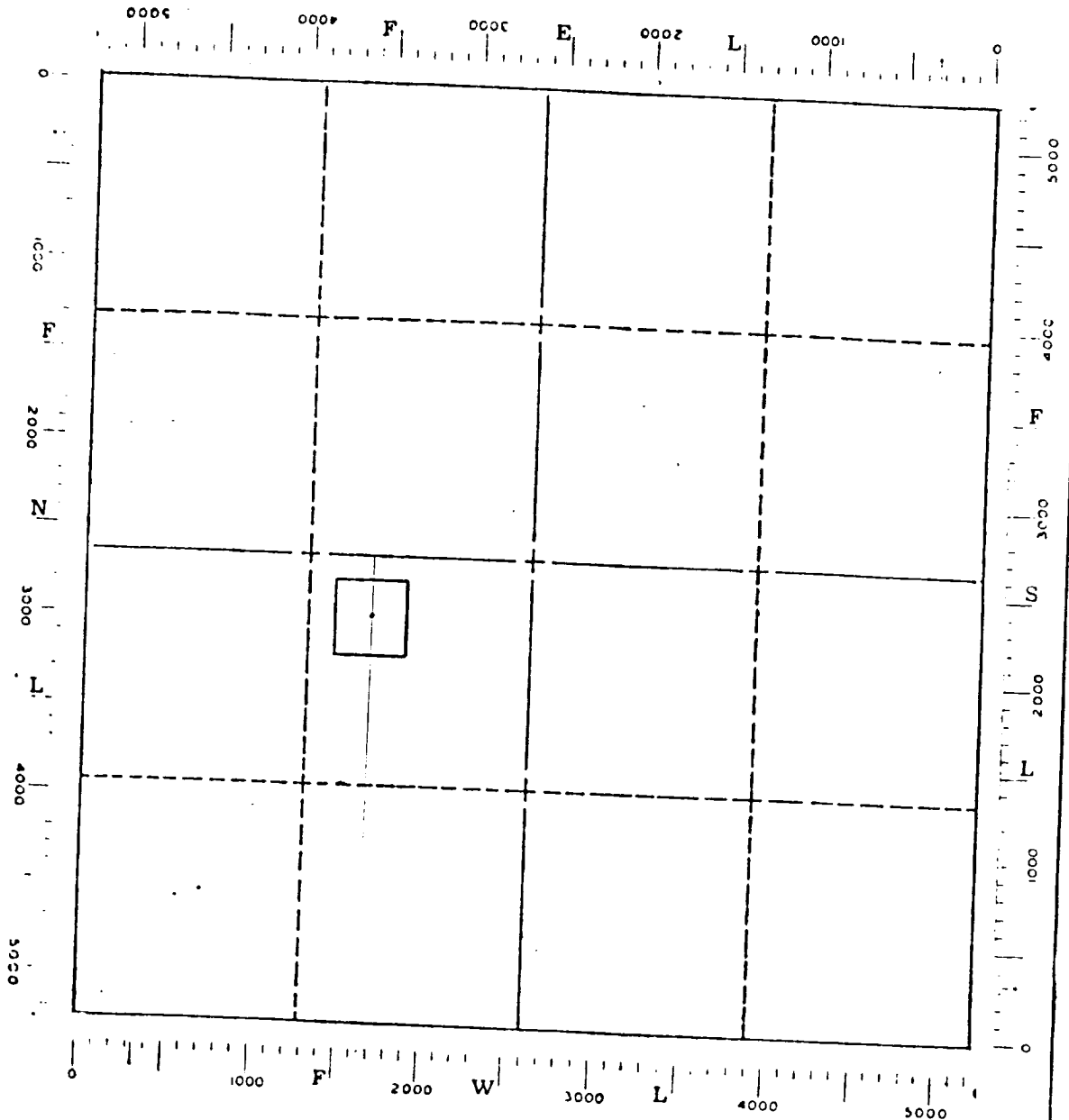
Range: R29E

County: Chaves

; State: NM

Ownership: Private Surface/Federal Mineral

SCALE: 1" = 1000'



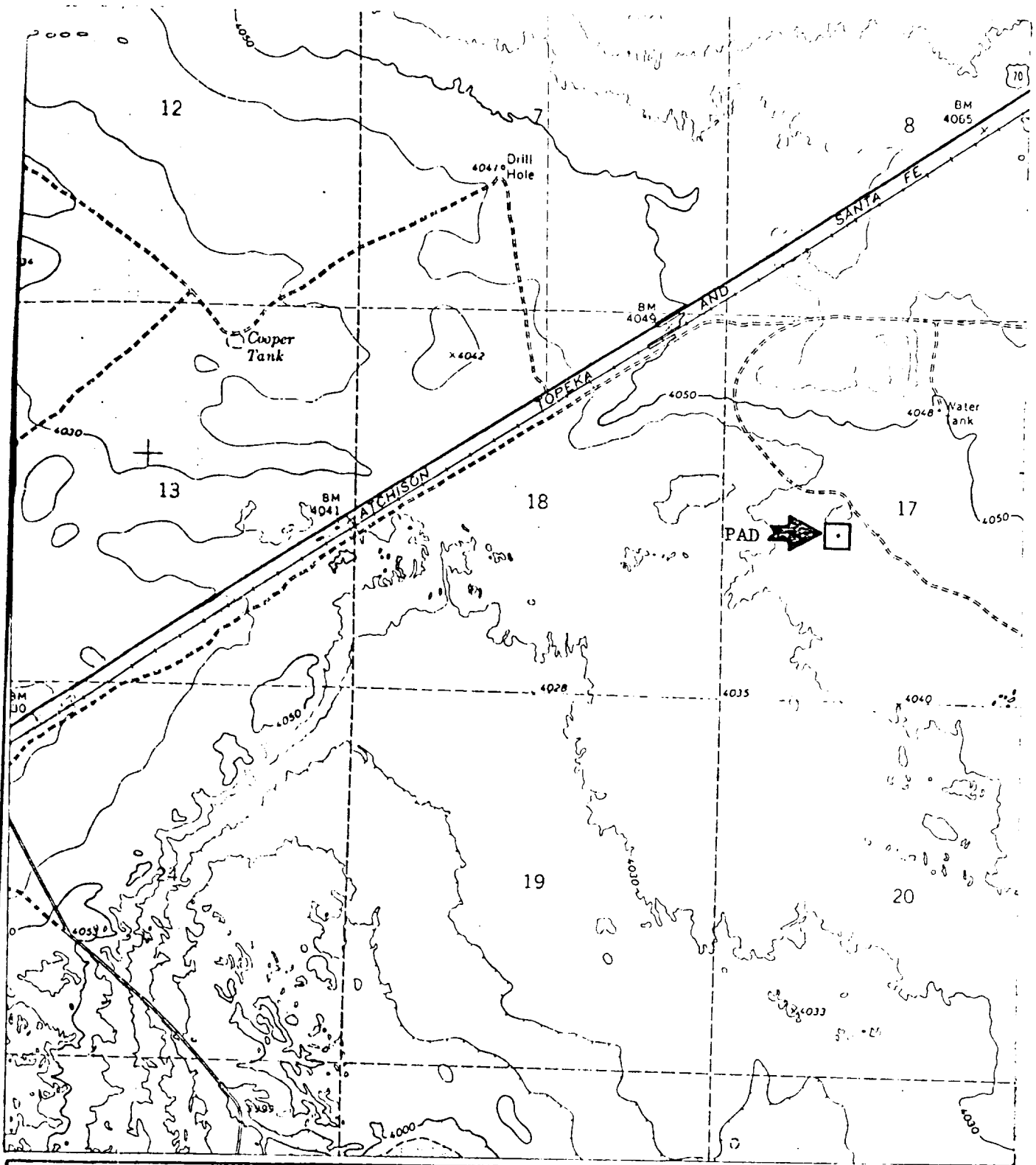
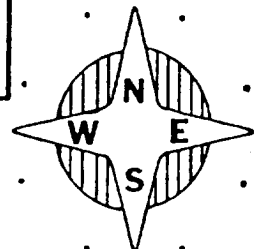


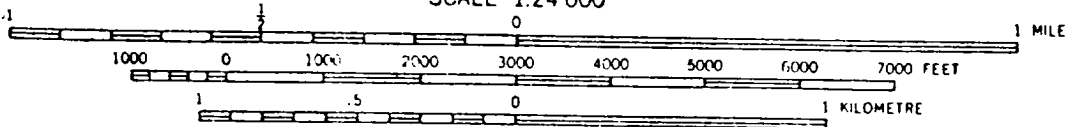
Figure 2: Location of Grynberg Elkins No. 1
Section 17, T7S, R29E, Chaves County

Map Reference: USGS Elkins Quadrangle, 1967

7.5 MINUTE
SERIES



SCALE 1:24 000



PREDOMINANTLY PINK SANDS WITH NO LITHIC INCLUSIONS. TAXONOMICALLY THIS SOIL CAN BE CLASSIFIED AS A MEMBER OF THE HAPLARGIDS- USTIPSAMMENTS ASSOCIATION.

FLORISTICS

ACA ENCOUNTERED A SPARSE FLORAL ASSEMBLAGE IN THIS VICINITY. THE DENSITY OF THE VEGETATION IN THE AREA IS APPROXIMATELY 10 PERCENT, CONSISTING PRIMARILY OF SHRUBS. THE DOMINANT SPECIES IS MESQUITE (PROSOPIS JULIFLORA). AMONG OTHER SPECIES PRESENT ARE SAND SAGE (ARTEMISIA FILIFOLIA), BLACK GRAMA (BOUTELOUA ERIOPODA), BLUE GRAMA (BOUTELOUA GRACILIS), AND BROOM SNAKEWEED (GUTIERREZIA SARTOREAE).

CULTURAL RESOURCES

ACA DID NOT ENCOUNTER ANY ARCHAEOLOGICAL SITES OR ISOLATED MANIFESTATIONS, EITHER WITHIN OR NEAR THE PROPOSED FACILITIES. A REVIEW OF THE NATIONAL REGISTER DID NOT FIND ANY PROPERTIES LISTED FOR THIS LOCATION.

RECOMMENDATIONS

ACA RECOMMENDS CLEARANCE FOR THE WELL PAD AND SUGGESTS THAT CONSTRUCTION BE ALLOWED TO PROCEED AS CURRENTLY PLANNED.