

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ONE ORIGINAL AND SIX COPIES
SUBMIT NEXT MONDAY
(Other instructions on reverse side)
Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

C/3F

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☐ Re-Enter ☐ DEEPEN ☐ PLUG BACK ☒

b. TYPE OF WELL

OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR

R.N. Ainsworth, Inc. ✓

3. ADDRESS OF OPERATOR

Box 7 Milnesand, New Mexico 88125

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

At surface

710' FNL and 1980' FWL

At proposed prod. zone

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

43 miles northeast of Roswell, NM.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

710'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

1285'

16. NO. OF ACRES IN LEASE

640

19. PROPOSED DEPTH

5250'

17. NO. OF ACRES ASSIGNED

TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

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

4061 GL

22. APPROX. DATE WORK WILL START*

Dec. 22, 1987

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
	13 3/8	40#	26'	w/3 Yards
	8 5/8	24#	1295'	w/500 SX
	4 1/2	9.5#	5250'	w/ 500 sx "H" "C"

Mud Program:

0' -1662' Brine, native mud (Drlg. plugs @ 20', 1245', and 1540')
1662' -5250' Brine, native mud, Vis. 30-32, Wt. 8.4-9.0#

BOP Program:

A 10" Series 600 Shaffer Double BOP, 3000 psi W.P., with Hydraulic closing unit and blind rams will be installed and tested daily.

Gas is not dedicated.

NOTE: To tag on to the existing 4 1/2" casing, a 4 1/2 X 5 1/2 casing bell will be used.

FORMER FOREST OIL CORP. - HAYSTACK AFD #1
OTO-6294 P & A 11-11-74

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 _____ Agent for:

SIGNED

R.N. Ainsworth

TITLE

R.N. Ainsworth

DATE

Dec. 12, 1986

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

S/Phil Kirk

TITLE

Area Manager

DATE

DEC 29 1986

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL OF THIS APPLICATION DOES NOT WARRANT OR

CERTIFY THAT THE APPLICANT HOLDS LEGAL OR EQUITABLE

TITLE TO THOSE RIGHTS IN THE SUBJECT LEASE WHICH OWNSIDE

ENTITLES THE APPLICANT TO CONDUCT OPERATIONS THEREON.

Title 18 U.S.C. Section 1001 makes it a crime to knowingly and willfully make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NL 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 R. N. Ainsworth, Inc.			Lease McKamey Federal		Well No. #2
Unit Letter C	Section 28	Township 6 South	Range 27 East	County Chaves	
Actual Footage Location of Well: 710 feet from the North line and 1980 feet from the West line					
Ground Level Elev. 4061	Producing Formation Abo		Pool Undesignated Pecos Slope Abo	Dedicated Acreage: 160 Acres	

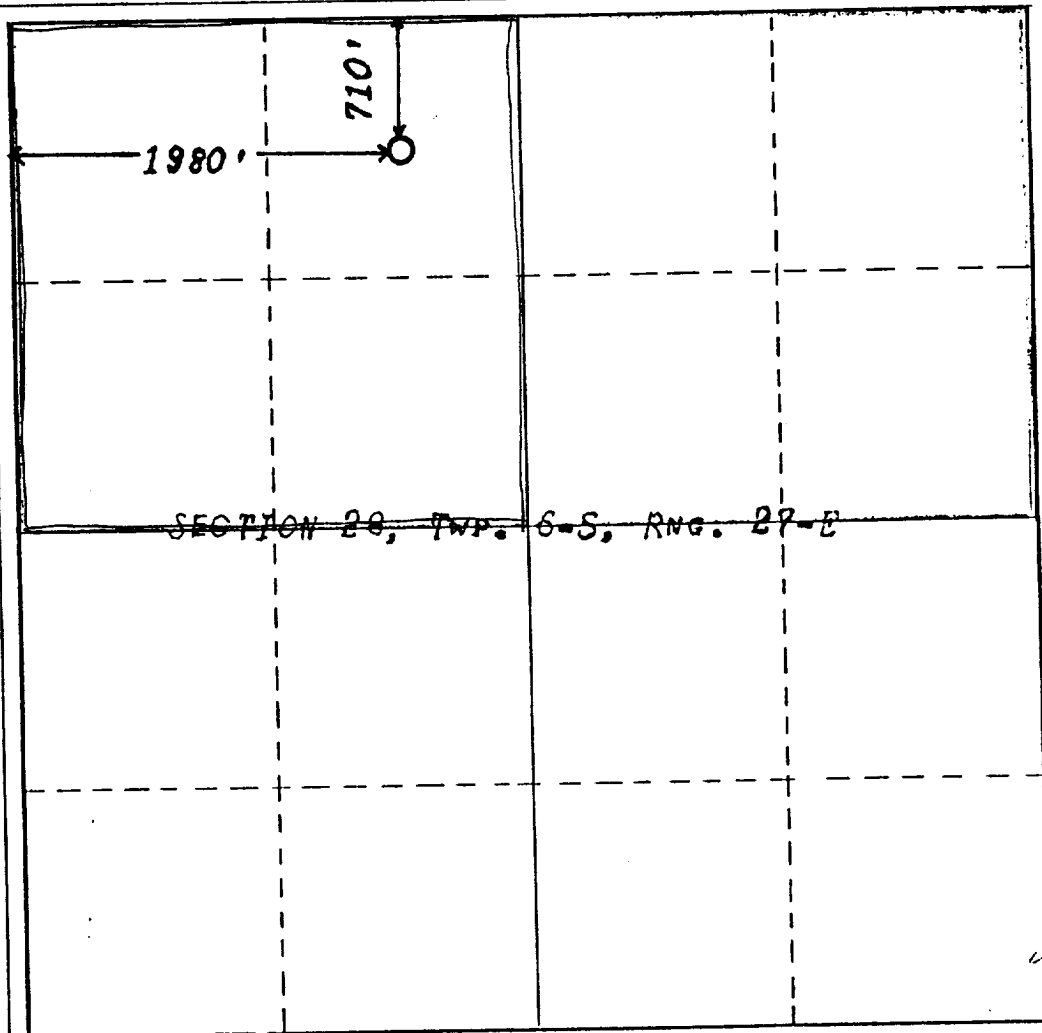
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

RECEIVED BY
JAN -7 1987
O. C. D.
ARTESIA, OFFICE

☐ 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.

Name _____

Position _____

Company _____

Date _____

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

See plat for original well for survey.

Date Surveyed _____

Registered Professional Engineer and/or Land Surveyor

Certificate No. _____

MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-4-65

All distances must be from the outer boundaries of the Section.

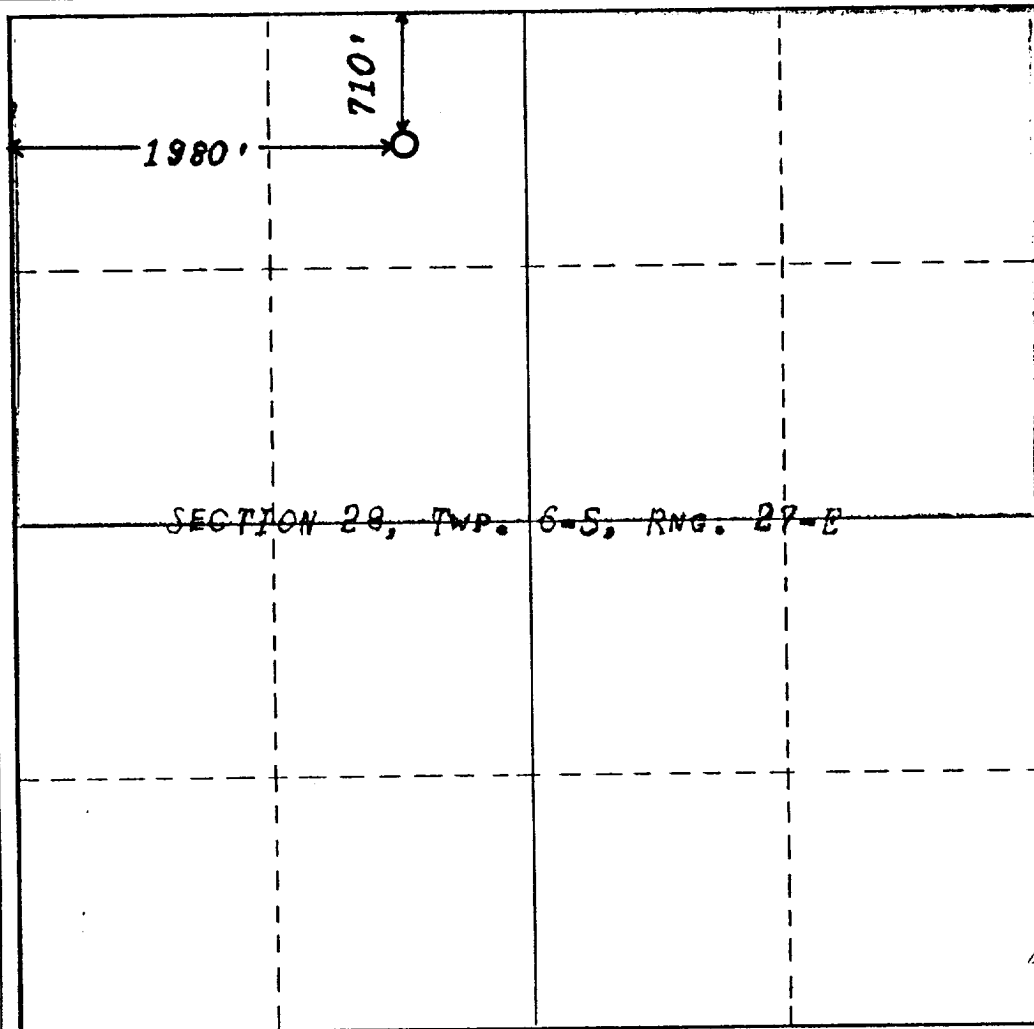
Operator Forest Oil Corporation			Lease Federal Haystack "A" Fed		Well No. 2 / 1
Unit Letter C	Section 28	Township 6 South	Range 27 East	County Chaves	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 710 feet from the North line and 1980 feet from the West line </div>					
Ground Level Elev. 4061	Producing Formation CISCO	Pool HAYSTACK CISCO		Dedicated Acreage: 320 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 **One Lease Dedicated**

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.

Leroy Reeves
Name

Leroy Reeves

Position
Landman

Company
Forest Oil Corporation

Date
May 12, 1971

I hereby certify that the well location shown on this plat was located 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.

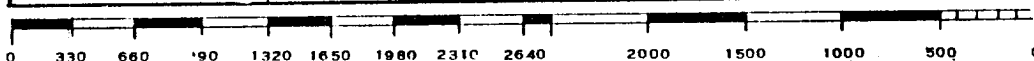
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ARTS & SCIENCES

[Signature]
Date Surveyed

Registered Professional Engineer
and/or Land Surveyor

754

Certificate No.



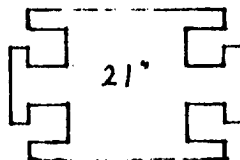
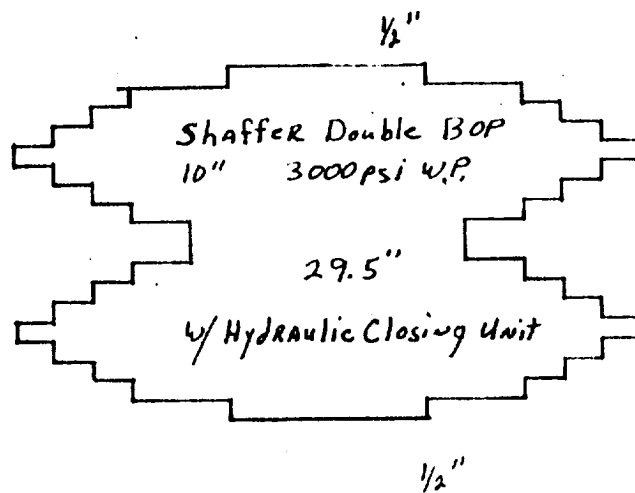
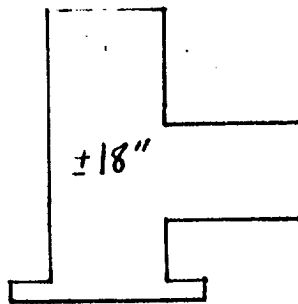


EXHIBIT "E"
R. N. AINSWORTH, INC.
McKamey, Federal, Well No. 2
BOP Specifications

APPLICATION FOR DRILLING

R. N AINSWORTH, INC.
McKamey Federal, Well No. 2
710' FNL & 1980' FWL Sec. 28-T6S-R27E
Chaves County, New Mexico
Lease No.: NM 45221
(Development Well)



In conjunction with Form 9-331C, Application for Permit to Drill subject well, R. N. Ainsworth, Inc. submits the following items of pertinent information in accordance with BLM requirements:

1. The geologic surface formation is recent Permian with quaternary alluvium and other surficial deposits.
2. The estimated tops of geologic markers are as follows:

San Andres	1274'
Glorieta	2410'
Tubb	3841'
Abo	4526'
T.D.	5250'

3. The estimated depths at which water, oil or gas formations are anticipated to encountered:

Water: Surface water between 100' to 300'.

Oil: None

Gas: In the Abo at approximately 4526'

4. Proposed Casing Program: See Form 9-331C.
5. Proposed Control Equipment: See Form 9-331C and Exhibit "E".
6. Mud Program: See Form 9-331C.
7. Auxiliary Equipment: Blowout preventer, gas detector, kelly cock, pit level monitor, flow sensors and stabbing valve.
8. Testing, Logging, and Coring Program:

Drill Stem Tests: None Planned

Logging: None Planned

Coring: None planned.

9. No abnormal pressures or temperatures are anticipated. In the event abnormal pressures are encountered the proposed mud program will be modified.
10. Anticipated starting date: 12/22/1986.
Anticipated completion of drilling operations: Approximately 35 days.

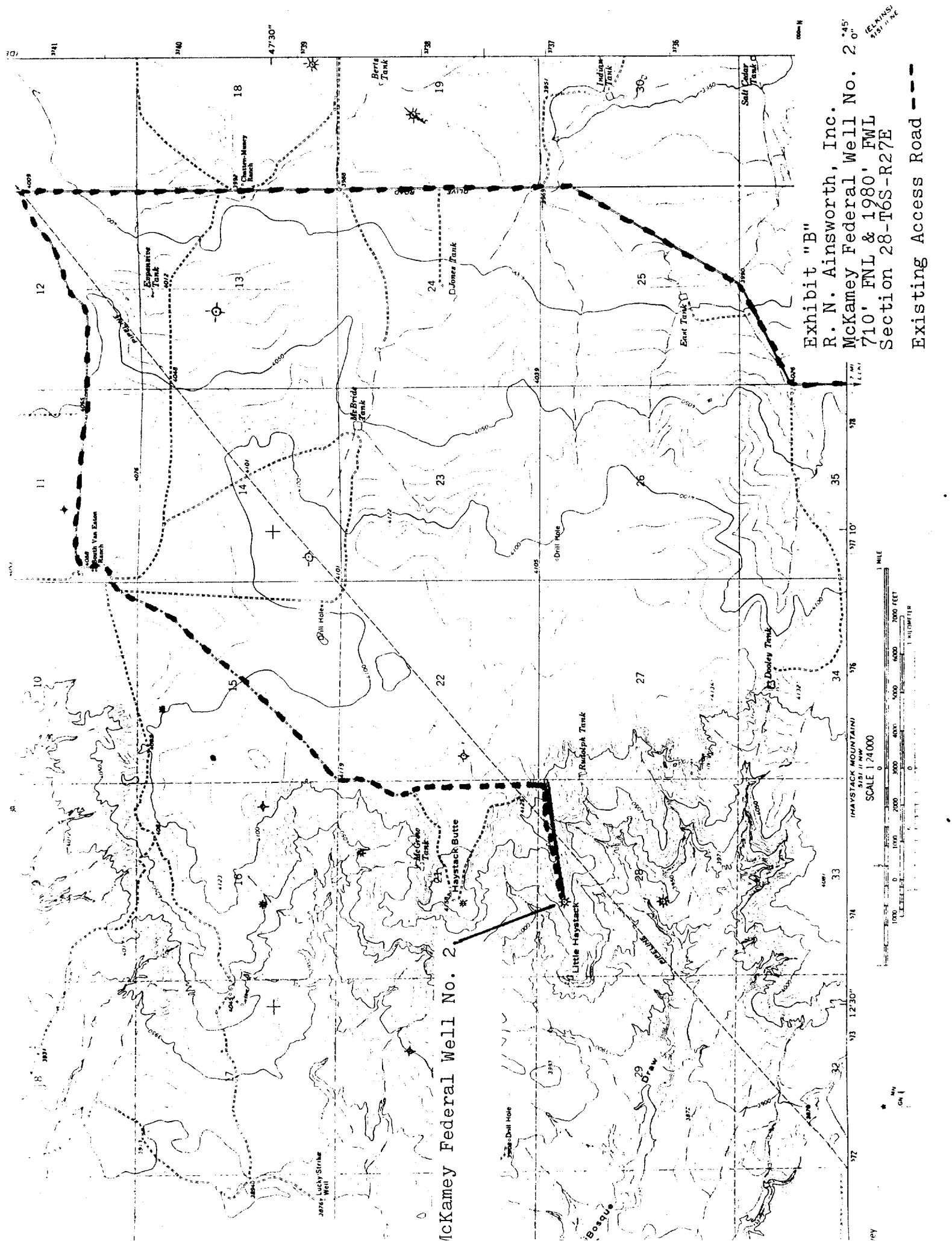


Exhibit "B"

R. N. Ainsworth, Inc.

McKamey Federal Well No. 2

710' FNL & 1980' FWL

Section 28-T6S-R27E

Existing Access Road

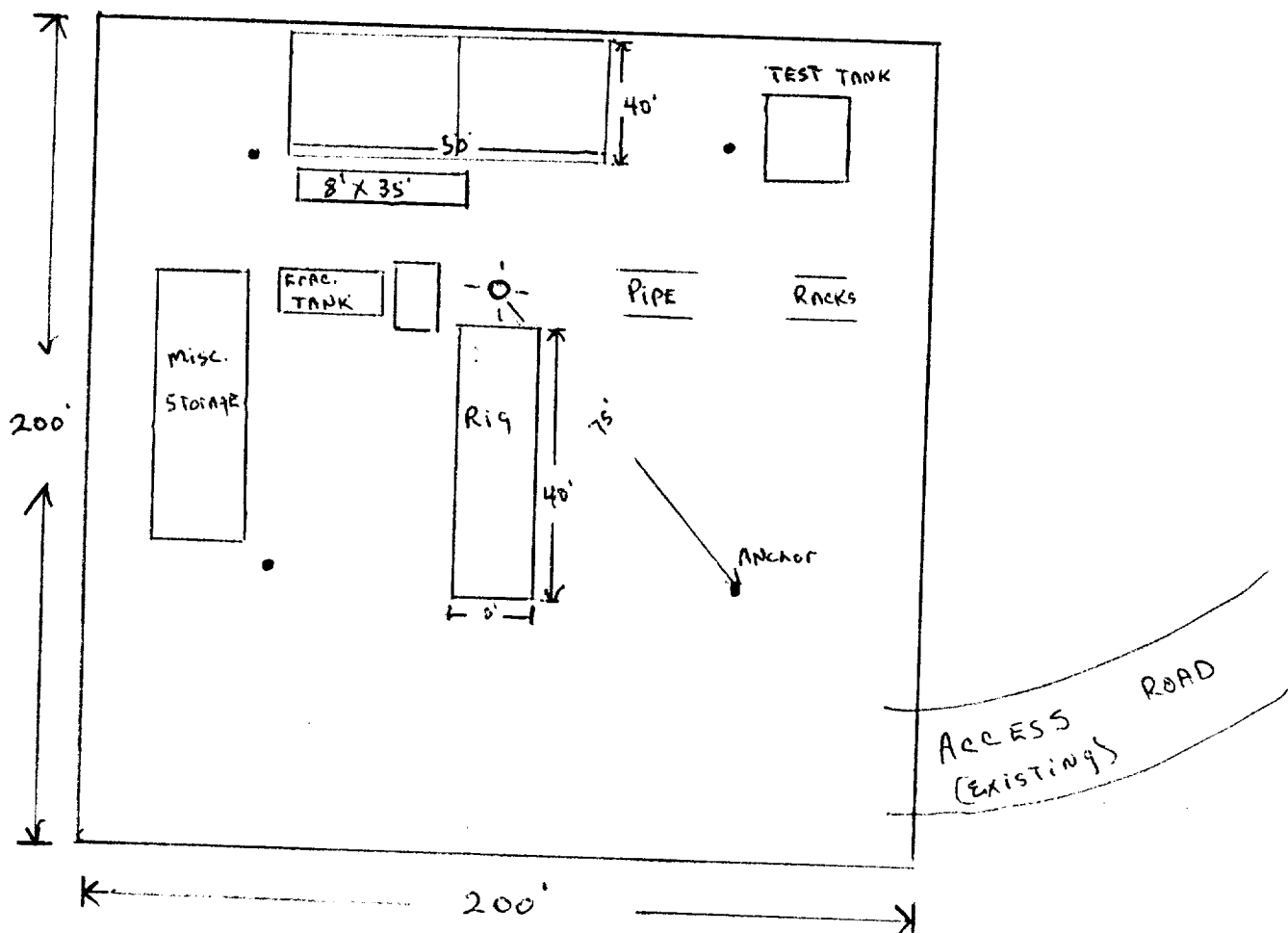
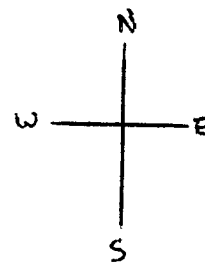


Exhibit "D"
R. N. Ainsworth, Inc.
McKamey Federal Well #2
Rig Layout