

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-005-61848

5. LEASE DESIGNATION AND SERIAL NO.

NM 17417

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Barbara Ann Federal

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Undesignated Abo

11. SEC., T., R., M., OR BLM.

AND SURVEY OR AREA

Sec. 7-7S-27E

12. COUNTY OR PARISH 13. STATE

Chaves N.M.

1a. TYPE OF WORK

DRILL ☒

DEEPEEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER

RECEIVED
SINGLE ZONE ☒

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

ISLER EXPLORATION, INC.

NOV 22 1982

3. ADDRESS OF OPERATOR

2282 Avenal Lane, Grand Junction, CO 81503 O. C. D.

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

At surface

660' FNL 660' FWL

Sec. 7-7S-27E

At proposed prod. zone

Same

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

29 Miles northeast of Roswell, New Mexico

15. DISTANCE FROM PROPOSED*

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

660'

16. NO. OF ACRES IN LEASE

640.26

17. NO. OF ACRES ASSIGNED TO THIS WELL

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

None

19. PROPOSED DEPTH

4950' Abo

20. ROTARY OR CABLE TOOLS

Rotary

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

3883.17' GL

22. APPROX. DATE WORK WILL START*

November 21, 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14-3/4"	11-3/4"	42.0# H-40	301' 350'	Grout To Surface CIRCULATE
12-1/4"	8-5/8"	24.0# J-55	1800'	900 sx Circulated
7-7/8"	4-1/2"	9.5# J-55	TD	300 sx Cemented from shoe to 200' above top of Abo

Propose to drill to approximately 4950' to test Abo and intermediate formations.

See attached "Supplemental Drilling Data" and NTL-6 requirements.

3000# Double-ram BOP will be installed and tested before drilling below the 8-5/8" casing.

RECEIVED
NOV 10 1982

Gas is not dedicated to a pipeline.

OIL & GAS
U.S. GEOLOGICAL SURVEY
NEW MEXICO

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present production 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

JERRY W. LONG

TITLE Agent

DATE November 10, 1982

(This space for Federal or State office use)

(Orig. Sgd.) GEORGE H. STEWART

PERMIT NO.

NOV 19 1982

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY

JAMES A. GILLHAM
DISTRICT SUPERVISOR

TITLE

DATE

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

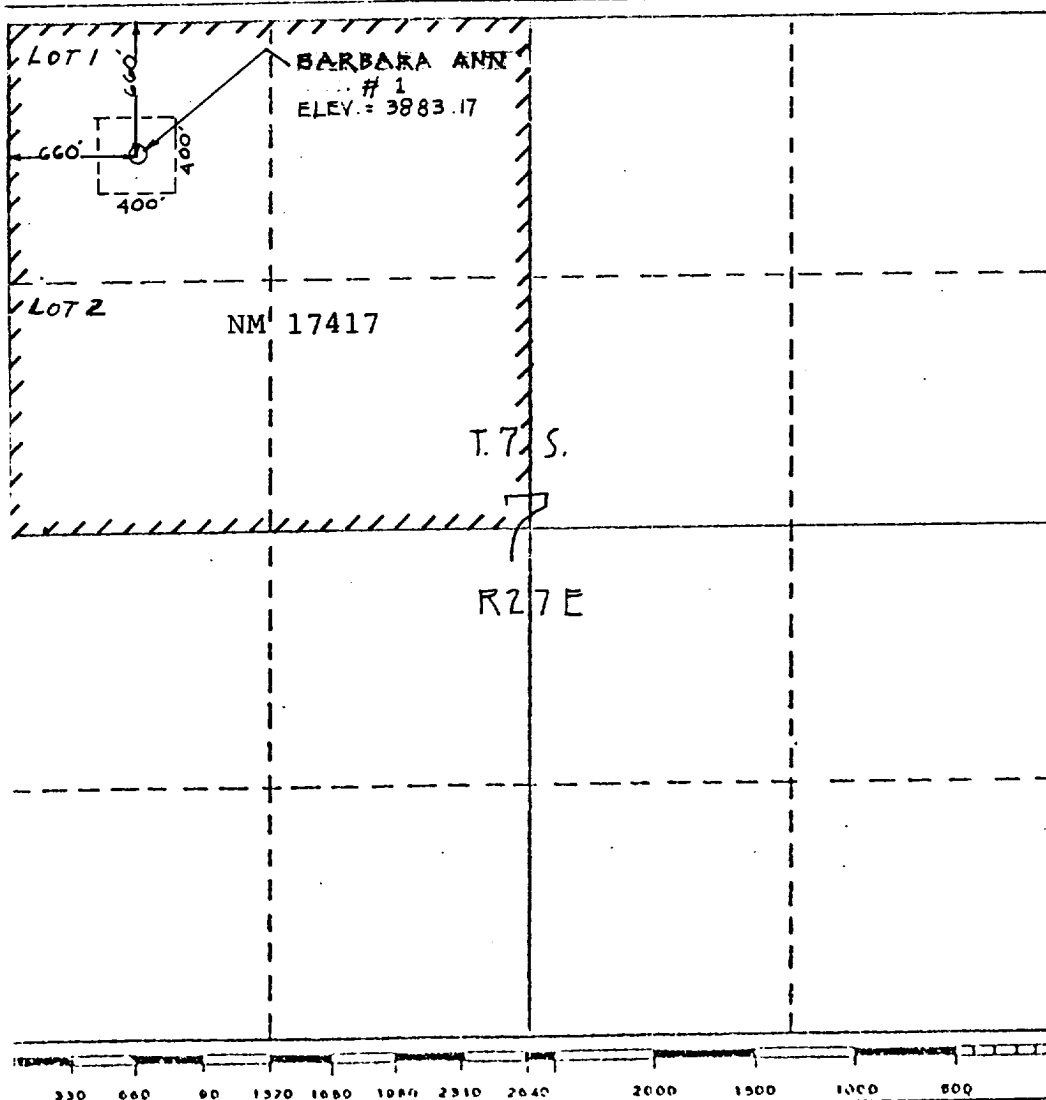
Operator Isler Exploration, Inc.		Lease Barbara Ann Federal		Well No. 1
Unit Letter D	Section 7	Township 7 South	Range 27 East	County Chaves
Actual Footage Location of Well: 660 feet from the north line and 660 feet from the west line				
Ground Level Elev. 3883.17	Producing Formation Abo	Pool Undesignated Abo		Dedicated Acreage: 159.86 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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). SINGLE LEASE
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 Division.



CERTIFICATION

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

Name
JERRY W. LONG

Position
Agent

Company
ISLER EXPLORATION, INC.

Date
November 10, 1982

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
11/9/82
REARDB. WRIGHT
Registered Professional Engineer
and/or Land Surveyor
Richard B. Wright
Certificate No.
7929

SUPPLEMENTAL DRILLING DATA

ISLER EXPLORATION, INC.
No.1 Barbara Ann Federal
660'FNL 660'FWL Sec.7-7S-27E
Chaves County, N.M.

NM 17417

The following items supplement Form 9-331C in accordance with instructions contained in NTL-6.

1. SURFACE FORMATION: Artesia Group of Permian System

2. ESTIMATED TOPS OF GEOLOGIC MARKER:

Queen	-	650'	Glorieta	-	2100'
Penrose	-	750'	Tubb	-	3650'
San Andres	-	1100'	Abo	-	4350'

3. ESTIMATED DEPTHS TO WATER, OIL OR GAS FORMATION:

Water	-	Above 250'
Oil	-	1100' - 1500'
Gas	-	Below 4350'

4. PROPOSED CASING PROGRAM:

11-3/4" Casing	-	30', H-40, Conductor pipe	<i>* 350' cement</i>
		Grouted to surface.	
8-5/8" Casing	-	1800', J-55, 24# casing	
		Cemented from shoe to surface.	
4-1/2" Casing	-	4950', 9.5#, J-55 Production casing.	
		Cemented from shoe to 200' above Abo	
		and from 500' below 8-5/8" shoe to	
		200' above the shoe.	

5. PRESSURE CONTROL EQUIPMENT: BOP stack will consist of at least a double ram blowout preventer rated to 3000# WP. The BOP will be installed and casing tested to 1200 psi. prior to drilling cement out of the 8-5/8" casing shoe. The pressure control system will include choke, kill and fill lines.

6. CIRCULATING MEDIUM:

0' - 1800'	Drill with fresh water mud with appropriate additives to control viscosity.
1800' - TD	Drill with salt base mud conditioned for control of viscosity and water loss.

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T.4.S.

T.5.S.

T.6.S.

T.7.S.

T.8.S.

T.9.S.

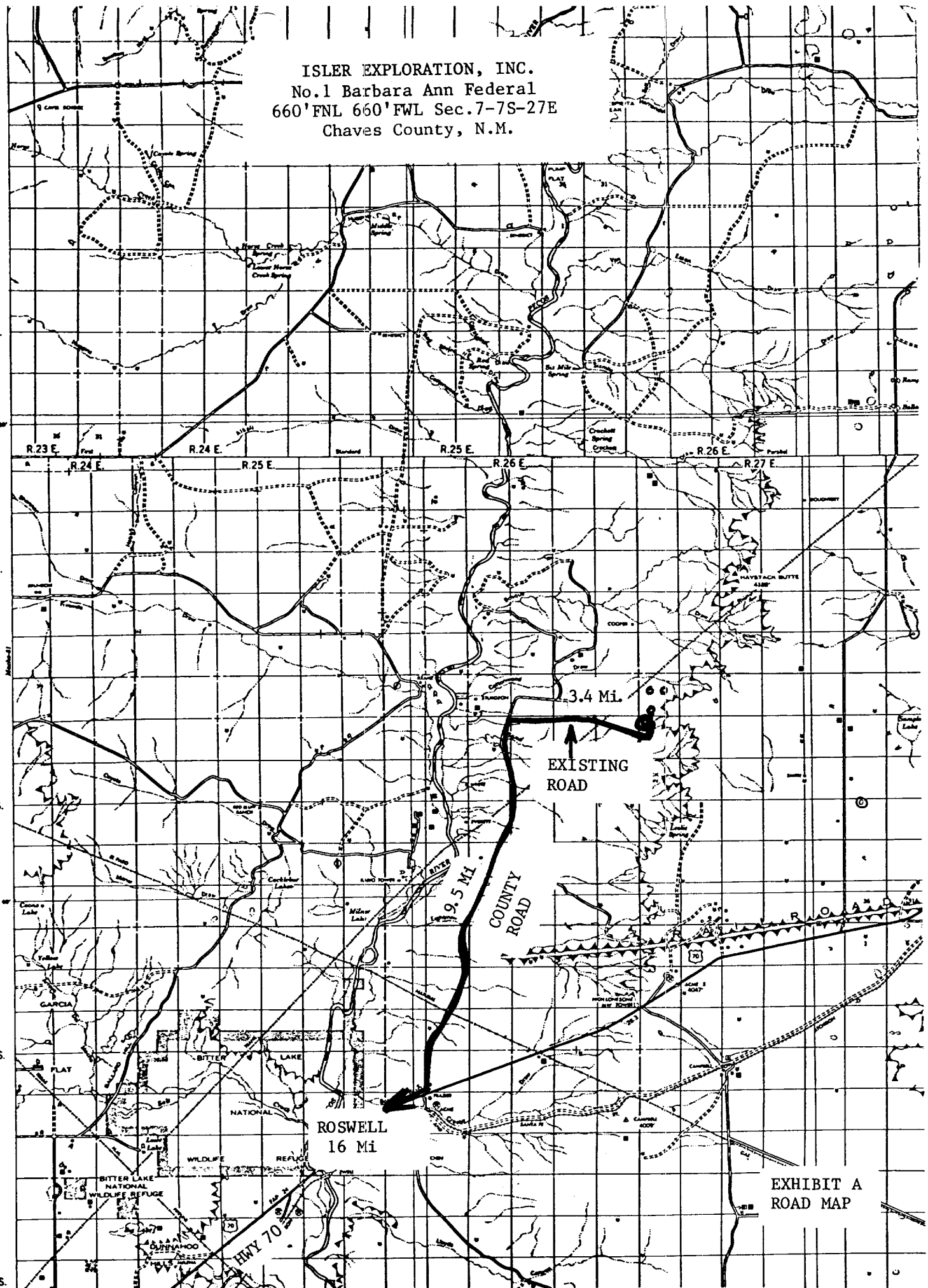
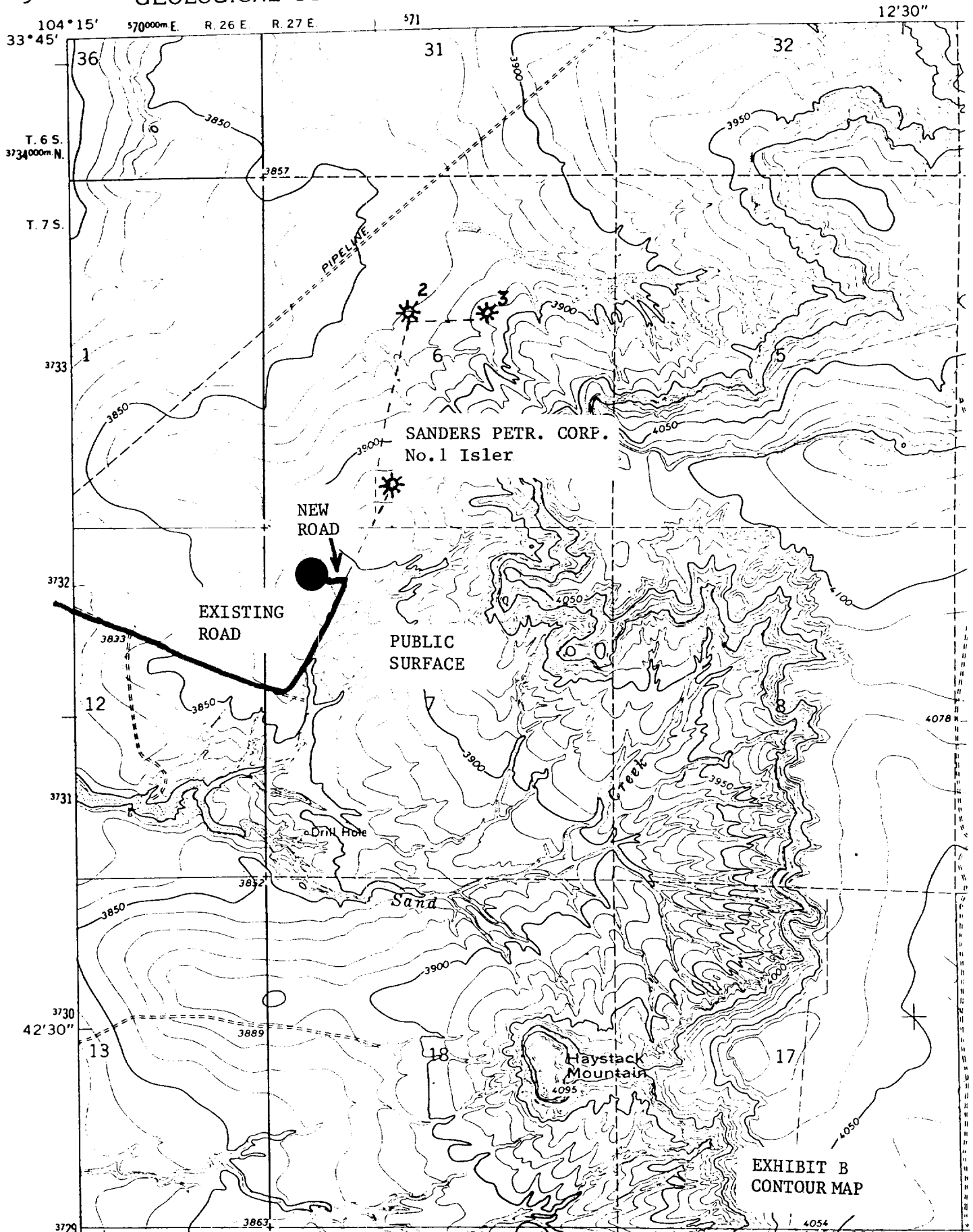


EXHIBIT A
ROAD MAP

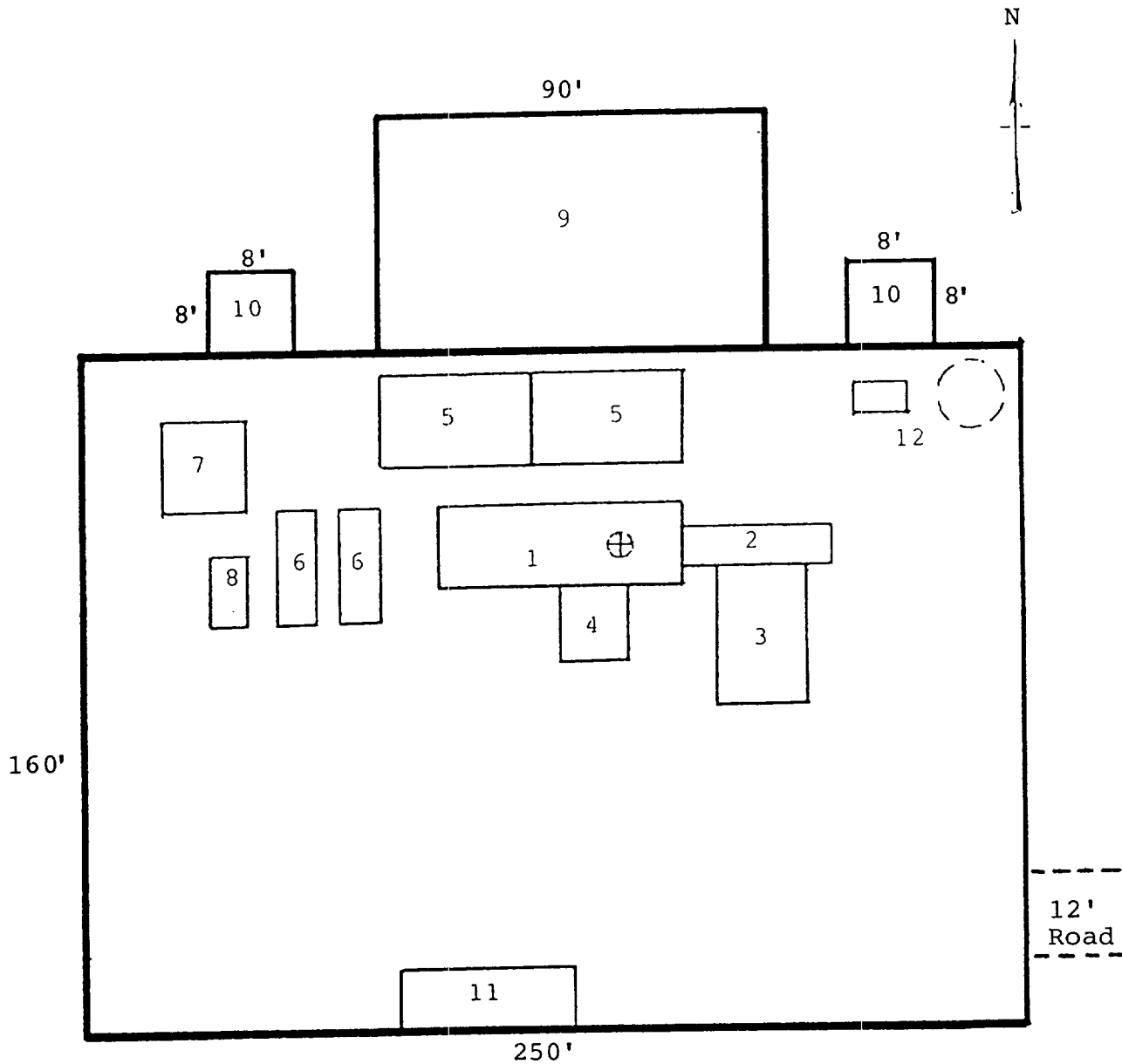
5131 IV SE
TTONWOOD DRAW

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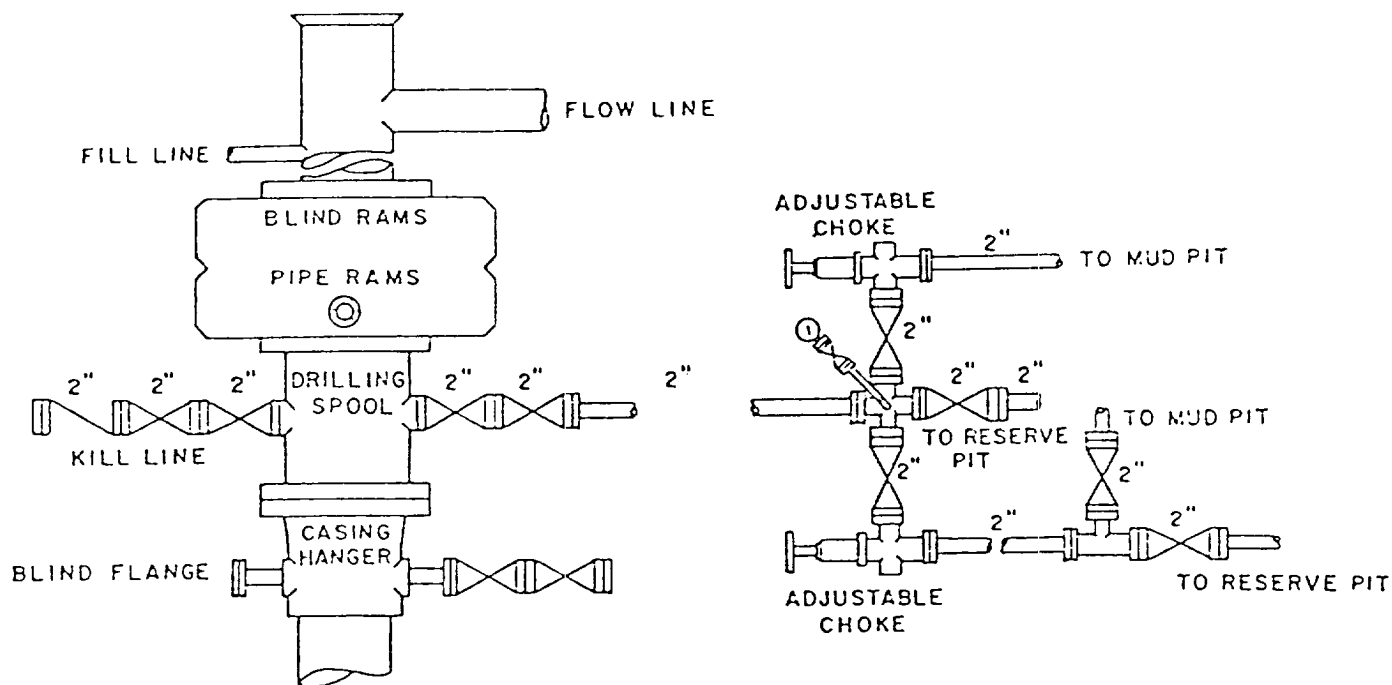
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RIG LAYOUT

- | | |
|-----------------|---------------------------|
| 1. Substructure | 7. Water Tank |
| 2. Catwalk | 8. Light Plant |
| 3. Pipe Rack | 9. Reserve Pit |
| 4. Doghouse | 10. Trash Pit |
| 5. Mud Pits | 11. Trailer House |
| 6. Mud Pumps | 12. Production Facilities |

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BOP DIAGRAM

3000# WP Double-Ram
 Operated Daily