

Drawer DD UN STATES
Artesia DEPARTMENT OF THE INTERIOR

C/SF

GEOLOGICAL SURVEY

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

JACK GRYNBERG AND ASSOCIATES ✓

3. ADDRESS OF OPERATOR

1050 17th Street, Suite 1950, Denver, CO 80265

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

At surface

1780' FNL and 1980' FWL of Sec. 12, T 6 S - R 24 E

At proposed prod. zone

1780' FNL and 1980' FWL of Sec. 12, T 6 S - R 24 E

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

25 Miles NNE of Roswell, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

1980'

16. NO. OF ACRES IN LEASE

2,360.00

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

Approx. 1800'

19. PROPOSED DEPTH

4,200'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

April 15, 1982

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-1/2"	10-3/4"	32.75	900'	good returns to surface, circulate
7-7/8"	4-1/2"	10.75	4200'	500' above top of pay

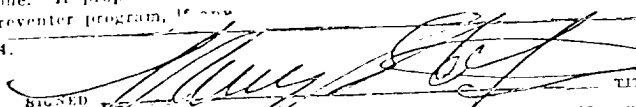
1. Spud well, drill 12-1/2" hole to 900', run 10-3/4' surface casing.
2. Drill 7-7/8" hole to 4,200', checking B.O.P. daily.
3. Run tests and logs as needed.
4. Run 4-1/2" production casing to 4,200' if warranted.
5. Perforate and stimulate as needed.

In the event that circulation is lost while drilling 7-7/8" hole and intermediate casing is needed, the hole will be reamed and 1,500' of 7-7/8" intermediate casing will be set.

B.O.P. Diagram Attached - Exhibit "A"

Gas is not dedicated.

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.  TITLE Land Manager

DATE 4-2-82

SIGNED Nancy Stofle
(This space for use of State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

TITLE

DATE

(Sup. Sign) GEORGE H. STEWART

APR 8 1982

FOR

JAMES A. GILLHAM
DISTRICT SUPERVISOR

*See Instructions On Reverse Side

30-015-61532 RECEIVED
USA-M-11795
APR 9 1982

6. IF INDIAN, ALLOTTEE OR TRIBAL MEMBER
N/A
7. UNIT AGREEMENT NAME
N/A
8. FARM OR LEASE NAME
Hobbs Canyon Federal

9. WELL NO.
5

10. FIELD AND POOL, OR WILDCAT
Pecos Slope Abo Gas
11. SEC., T., R., M., OR B.L.
AND SURVEY OR AREA
Sec. 12, T 6 S - R 24 E

12. COUNTY OR PARISH
Chaves
13. STATE
NM

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OIL & GAS

GEOLOGICAL SURVEY

Operator **Jack Grynberg & Associates** Lease **Hobbs Canyon Federal** Well No. **5**

Unit Letter **F** Section **12** Township **6-S** Range **24-E** County **Chaves**

Actual Footage Location of Well: **1780'** North line and **1980'** West line

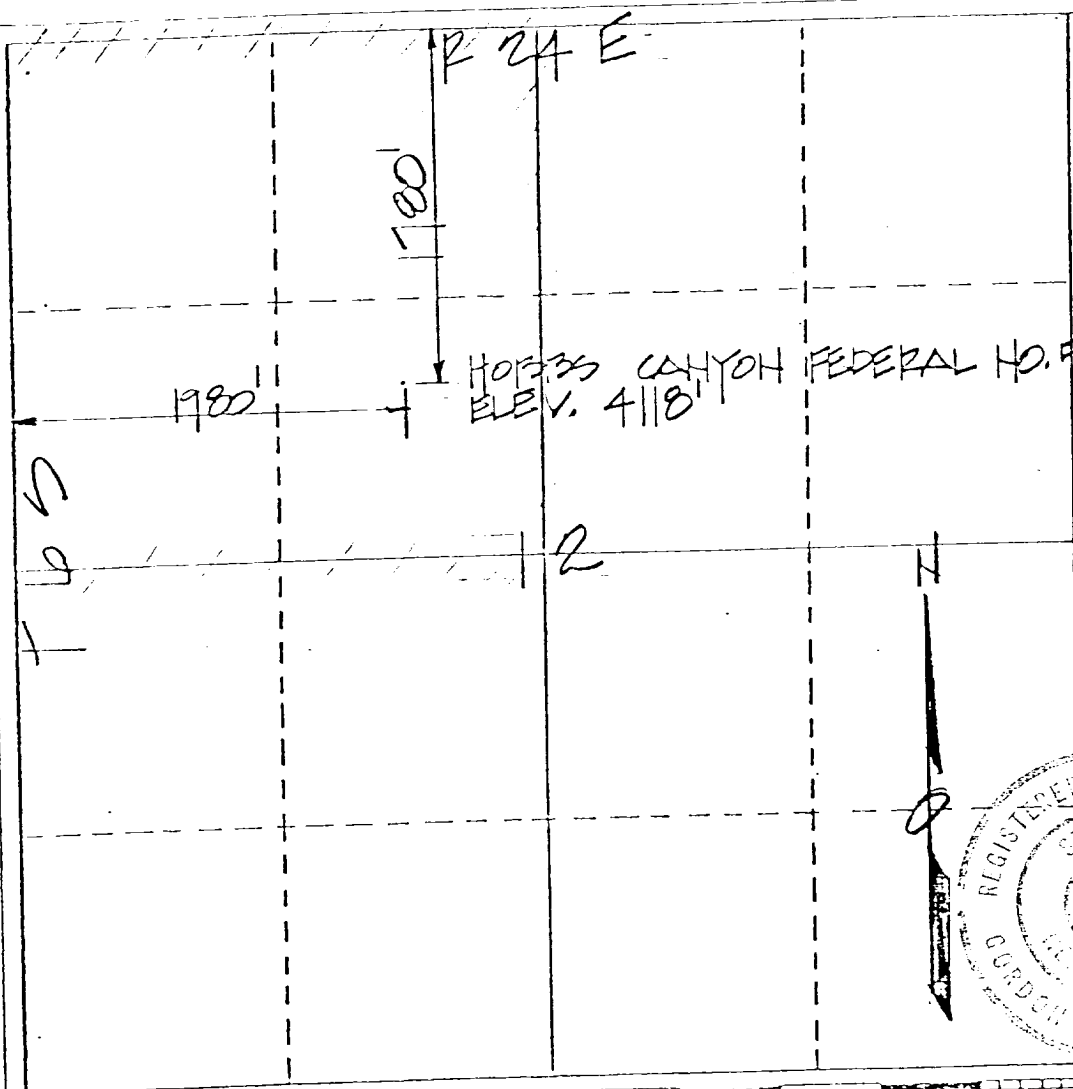
Ground Level Elev. **4118'** Producing Formation **ABO** Pool **Undesignated ABO** Dedicated Acreage: **160'** Acres

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).
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 **Agent**
Position **Jack Grynberg & Associates**
Company **Jack Grynberg & Associates**
Date **3-1-82**

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 **31 March 1982**
Registered Professional Engineer and/or Land Surveyor **Gordon J. Douglas, PLS**
N.M. License No. **6054**

Certificate No. _____

TEN POINT COMPLIANCE PROGRAM
Attachment to Form 9-133C, Application for Permit to Drill

Jack Grynberg and Associates
#5 Hobbs Canyon Federal
1780' FWL and 1980' FWL
Section 12, T 6 S - R 24 E
Chaves County, New Mexico

1. Geologic Surface Formation
Sandy Residuum

2. Estimated Tops of Important Geologic Marker

San Andres	550'
Glorieta	1400'
ABO	3600'
TD	4200'

3. Estimated Depths of Anticipated Water, Oil, Gas or Other Minerals
Gas 3600' - 4200'

4. Proposed Casing Program

Hole Size	Casing Size	Interval	Grade	Wt./Ft.	New or Used
13-1/2"	10-3/4"	0-900	H-40	32.75	New
7-7/8"	4-1/2"	0-4200	J-55	10.75	New
9-1/4" (contingency)	7-7/8"	0-1500	K-55	26.40	New

5. Operator's Minimum Specifications for Pressure Control
Exhibit "A" is a schematic diagram of the blowout preventor equipment. The BOP will be hydraulically tested to the full working pressure after nipping up and after any use under pressure. Pipe rams will be operationally checked each 24 hour period, as will blind rams each time pipe is pulled out of the hole.

6. Type and Characteristic of Proposed Circulating Mediums
Adequate stocks of sorptive agents will be on site to handle possible spills of fuel and oil on the surface. Heavier muds will be on location to be added if pressure requires.

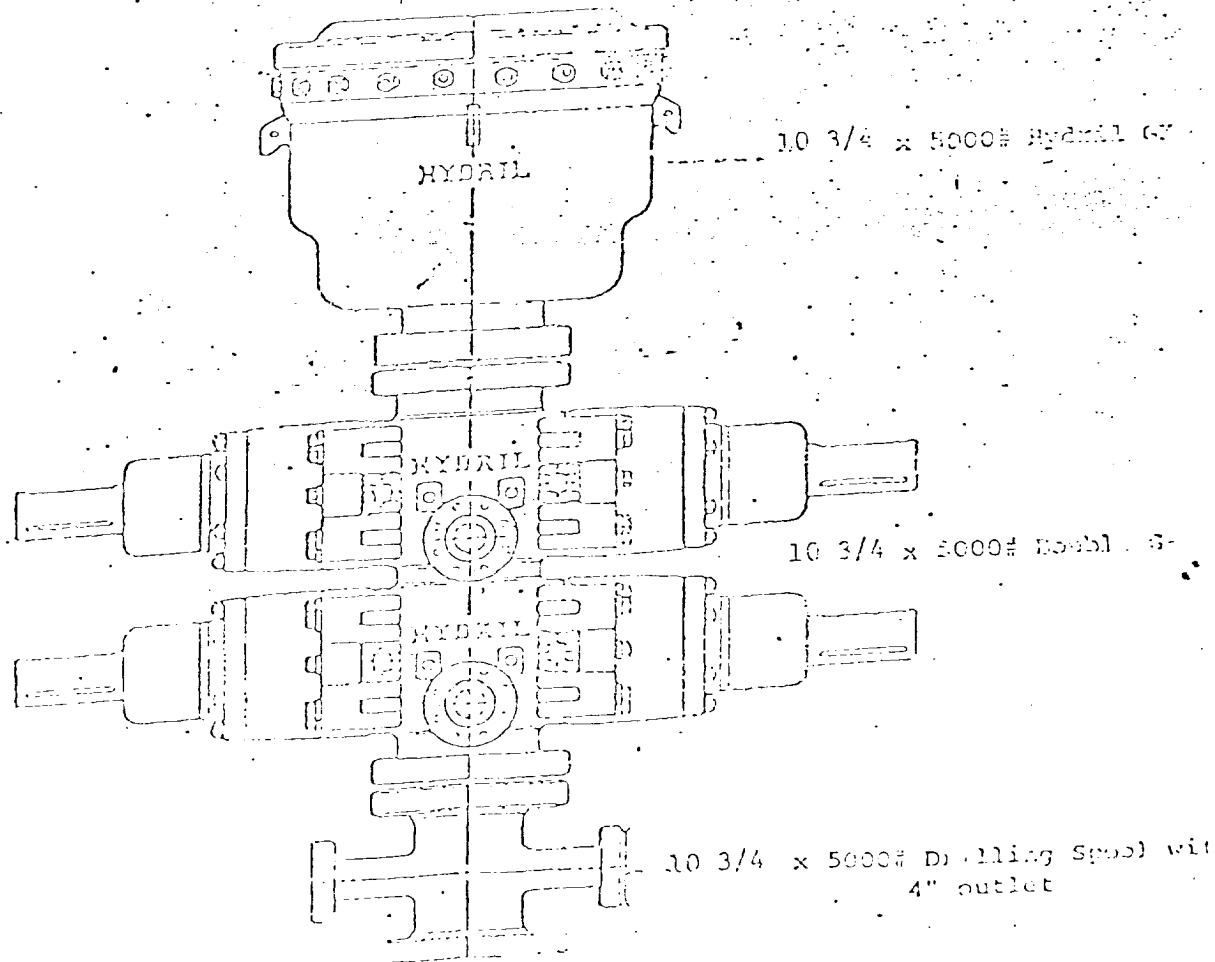
Interval	Type	Weight #/Gal.	Visc.-Sec./Qt.	Fluid Loss-CC
0-900	Native Mud	-	-	-
900-3200	Native Mud	-	-	-
3200-TD	Brine Base	10.2	32-40	20-30 CC Wtr.

7. Auxiliary Equipment
Kelly cock, a float will be used at the bit, pit level indicators and flow sensor equipment, sub with full-opening valve on floor, drill pipe connection.
8. Testing, Logging and Coring Program
 - A. DST's as warranted.
 - B. The logging program will consist of a CNL-FDC and Dual Lateral Log-MSFL.
 - C. No coring is anticipated.
 - D. Stimulation procedures will be determined after evaluation of logs.
If treatment is indicated, appropriate Sundry Notice will be submitted.
9. Anticipated Abnormal Pressures or Temperatures
No abnormal pressures or temperatures are anticipated.
10. The well will be spudded around April 15, 1982 or as soon as permit and surface use program are approved by M.M.S. and B.L.M.

EXHIBIT "A"

Jack Grynberg and Associates
#5 Hobbs Canyon Federal
1780' FNL and 1980' FWL
Chaves County, New Mexico

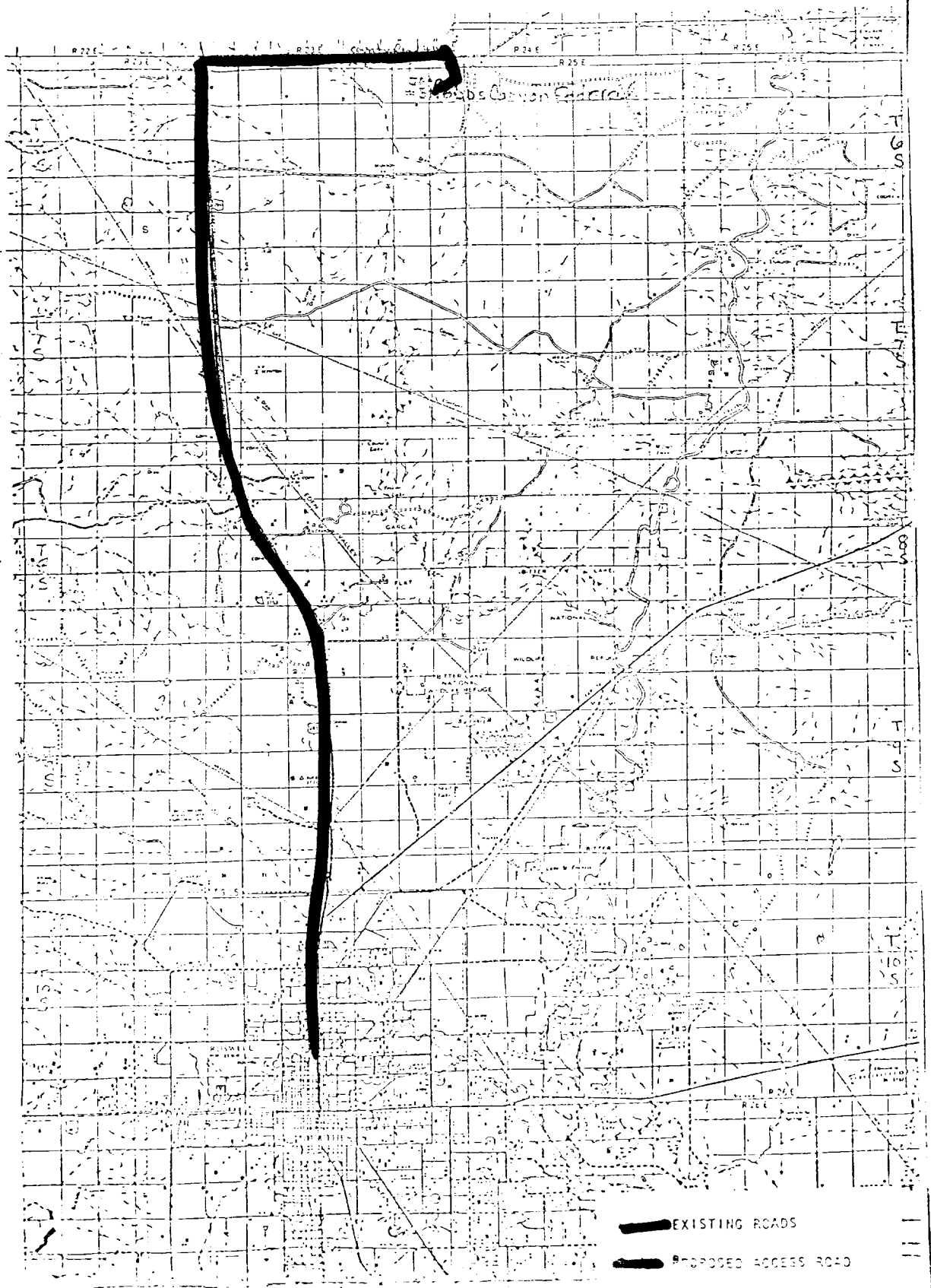
BOP Stack



All items NPS trimmed

EXHIBIT "B"

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Chaves County, New Mexico



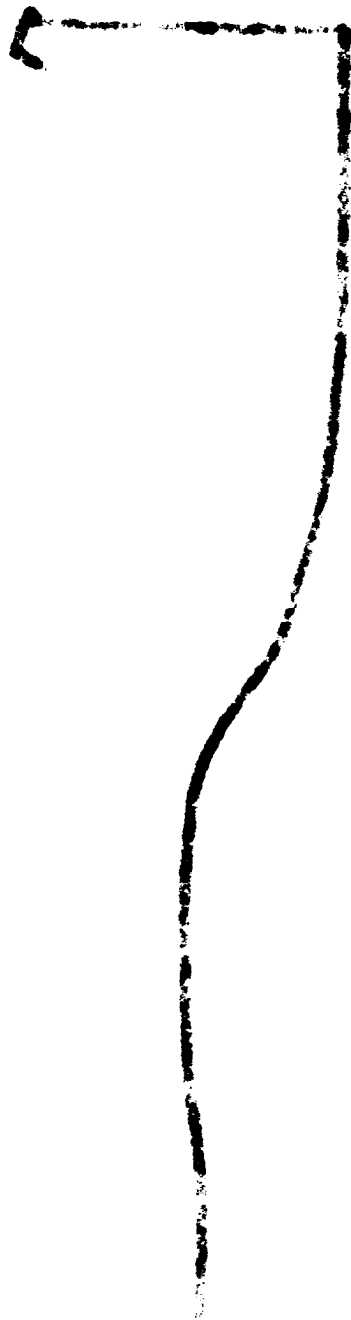


EXHIBIT "C"
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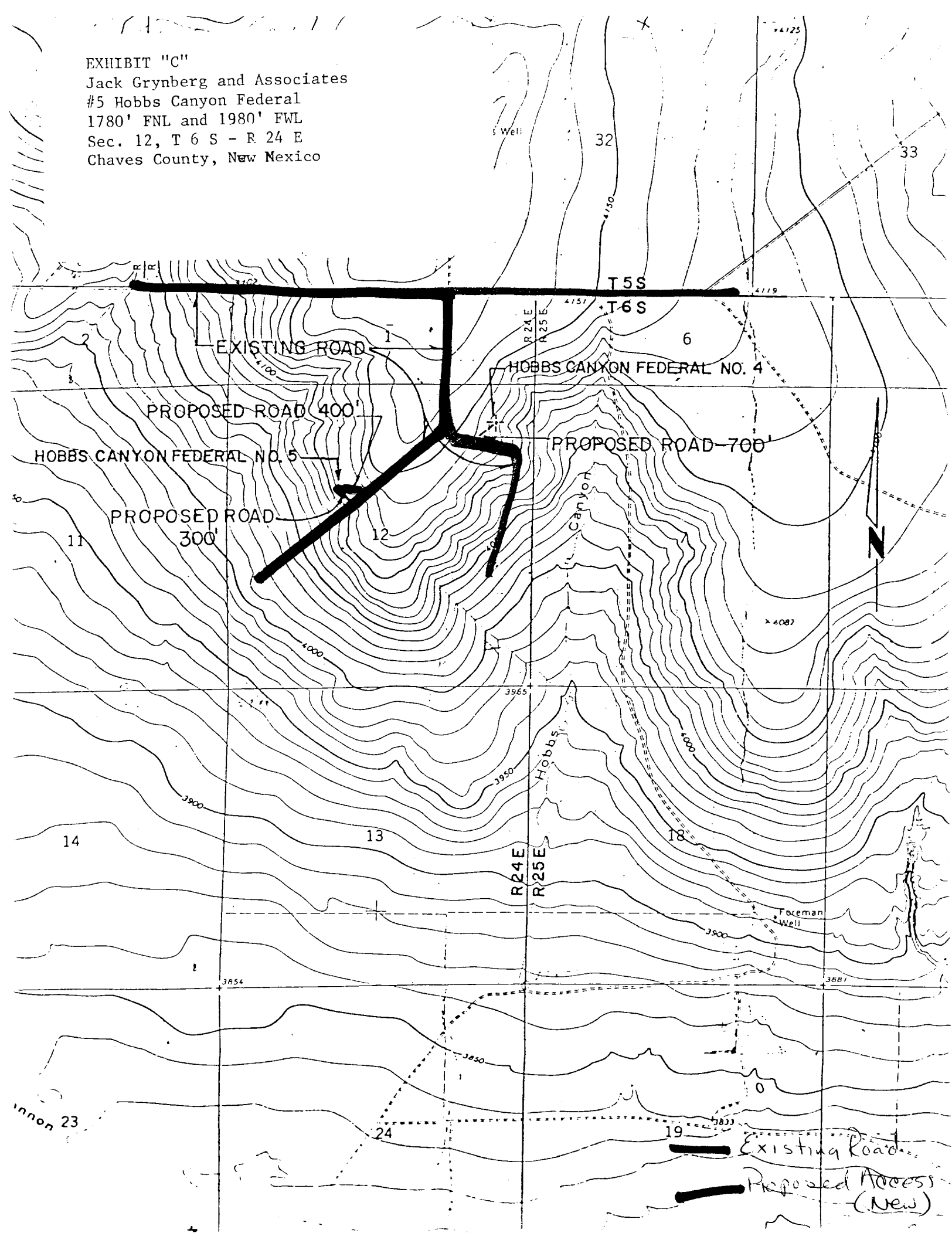




EXHIBIT "E"

JACK GRYBERG & ASSOCIATES
5 Hobbs Canyon Federal
1780' FNL and 1980' FWL
Section 12 T 6 S-R 24E
Chaves County, New Mexico

