

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-005-61275

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, Colorado 80265

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface
 1980' FNL & 1980' FEL of Sec. 29, T 5 S - R 24 E RECEIVED
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 27 miles NNE of Roswell, New Mexico DEC 15 1981

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
 560.00 ARTESIA, OFFICE

17. NO. OF ACRES ASSIGNED TO THIS WELL
 160

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 approx. 15840'

19. PROPOSED LEPTH
 4200'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4101.1 Gr.

22. APPROX. DATE WORK WILL START*
 Dec. 15, 1981

5. LEASE DESIGNATION AND SERIAL NO.
 USA-NM-11592

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 N/A

7. UNIT AGREEMENT NAME
 N/A

8. FARM OR LEASE NAME
 Grynberg 29 Federal

9. WELL NO.
 1

10. FIELD AND POOL, OR WILDCAT
 Undesignated Abo

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 ut-6
 Sec. 29, T 5 S - R 24 E

12. COUNTY OR PARISH
 Chaves

13. STATE
 NM

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	0-900'	good returns to surface
7-7/8"	4-1/2"	10.75	900-4200'	500' above top of pay

1. Spud well, drill 13-1/2" hole to 900', run 10-3/4" surface casing.
2. Drill 7-7/8" hole to 4200', checking B.O.P. Daily.
3. Run tests and logs as needed.
4. Run 4-1/2" production casing to 4200' 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 1500' of 7-7/8" intermediate casing will be set.

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

Gas is not dedicated.

RECEIVED
APR 11 1981
12-12-81

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 Nancy Stozle TITLE Land Manager DATE 11-30-81
 (This space for Federal or State office use)

PERMIT NO. **APPROVED** APPROVAL DATE _____

APPROVED BY JAMES A. GILLHAM TITLE _____

CONDITIONS OF APPROVAL **DEC 11 1981**

JAMES A. GILLHAM
DISTRICT SUPERVISOR

*See Instructions On Reverse Side

RECEIVED
DEC 03 1981

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

WELL LOCATION AND DEDICATION PLAT

All dimensions shown in feet.

JACK Grynberg and Associates

²⁹ Grynberg Federal

1

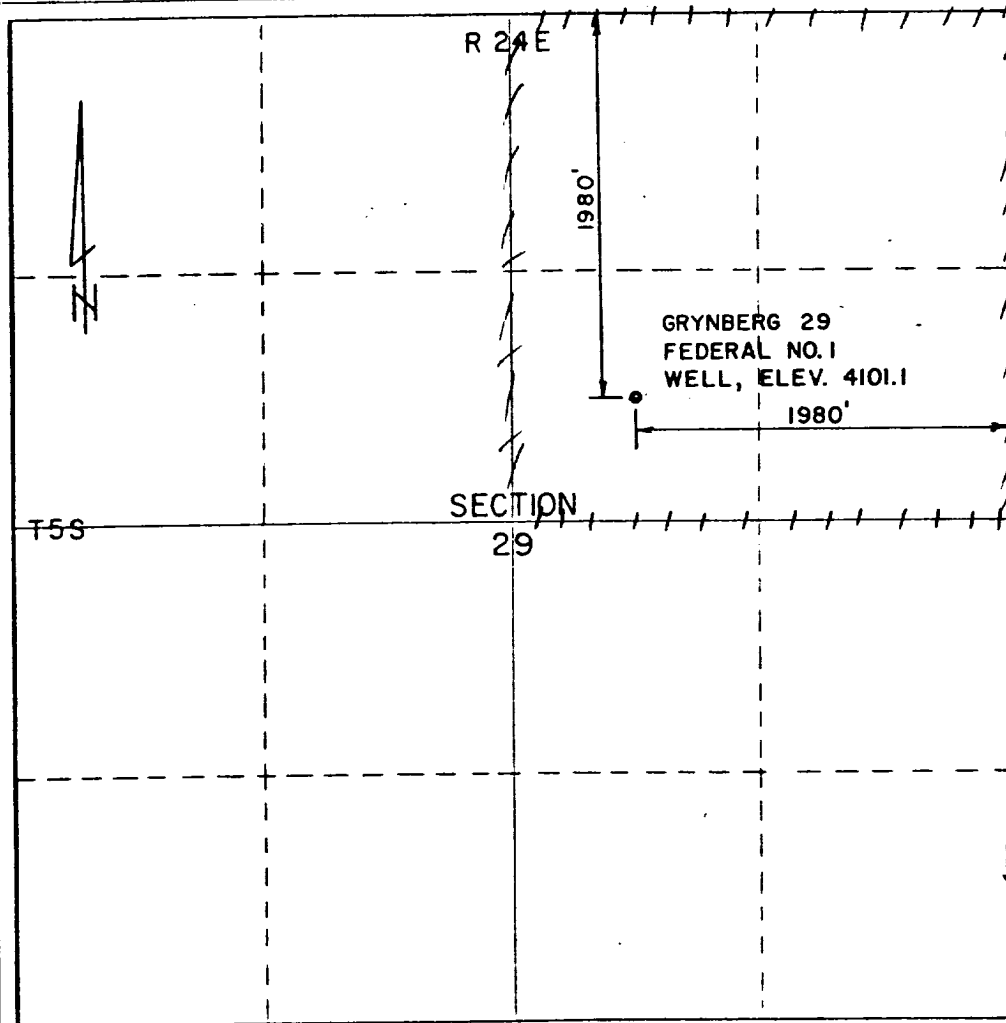
Tract Number G	Section 29	Township 5-S	Range 24-E	County Chaves
Actual Frontage Location of Well: 1980 feet from the NORTH line and 1980 feet from the EAST line.				
Ground Level Elev. 4101.1'	Producing Formation Abo	Foot Undesignated Abo	Dedicated Acreage: 160 Acres	

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 Commission.



CERTIFICATION

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

Nancy Stolze

Name
NANCY STOLZE
Position
LAND MANAGER
Company
JACK Grynberg & Assoc.
Date
11-30-81

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.

24 November 1981
Date Surveyed
Thomas T. Mann
Professional Engineer
Thomas T. Mann, P.E. & L.S.
N.M. License No. 277

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

Jack Grynberg and Associates
#1 Grynberg 29 Federal
1980' FNL & 1980' FEL
Section 29, T 5 S - R 24 E
Chaves County, New Mexico

1. Geologic Surface Formation
Sandy residuum

2. Estimated Tops of Important Geologic Marker

San Andres	500'
Glorieta	1300'
ABO	3500'
TD	4200'

3. Estimated Depths of Anticipated Water, Oil, Gas or Other Minerals
Gas 3500 - 4200

4. Proposed Casing Program

<u>HOLE SIZE</u>	<u>CASING SIZE</u>	<u>INTERVAL</u>	<u>GRADE</u>	<u>WT./FT.</u>	<u>NEW OR USED</u>
13 1/2"	10 3/4"	0-900	H-40	32.75	new
7 7/8"	4 1/2"	900-4200	J-55	10.75	new
9 1/4" (Contingency)	7 7/8"	900-1500	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's 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

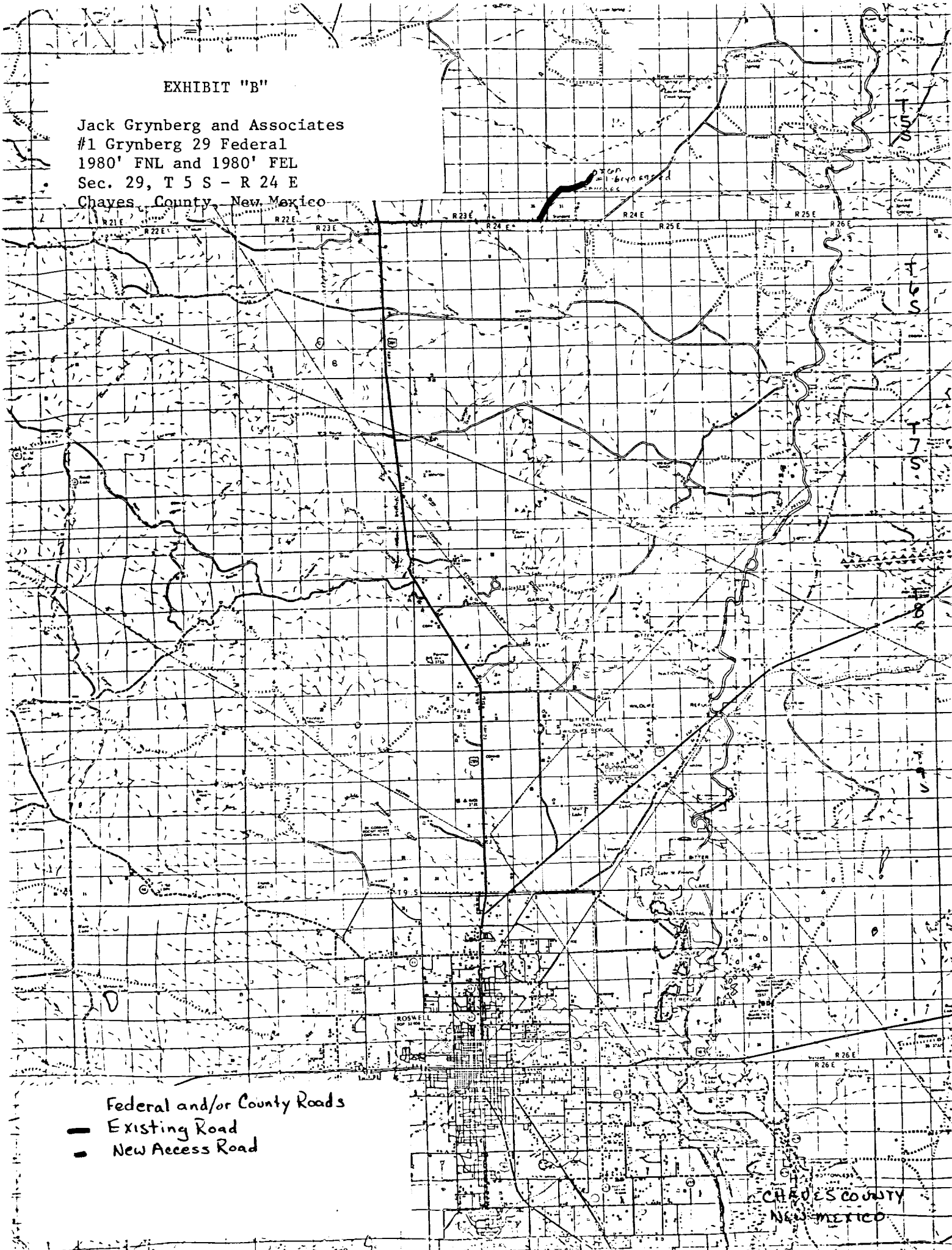
Adequate stocks of sorptive agents will be on site to handle possible spills of fuel and oil on the surface. Heavier muds will be on location to be added if pressure requires.

<u>INTERVAL</u>	<u>TYPE</u>	<u>WEIGHT #/GAL</u>	<u>VISC.-SEC./QT.</u>	<u>FLUID LOSS-CC</u>
0-900	native mud	-----	-----	-----
900-3200	native mud	-----	-----	-----
3200-TD	salt base, 4-5% diesel fuel	10.2	32-40	20-30CC 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 December 15, 1981 or as soon as permit and surface use program are approved by the USGS and BLM.

EXHIBIT "B"

Jack Grynberg and Associates
#1 Grynberg 29 Federal
1980' FNL and 1980' FEL
Sec. 29, T 5 S - R 24 E
Chaves County, New Mexico



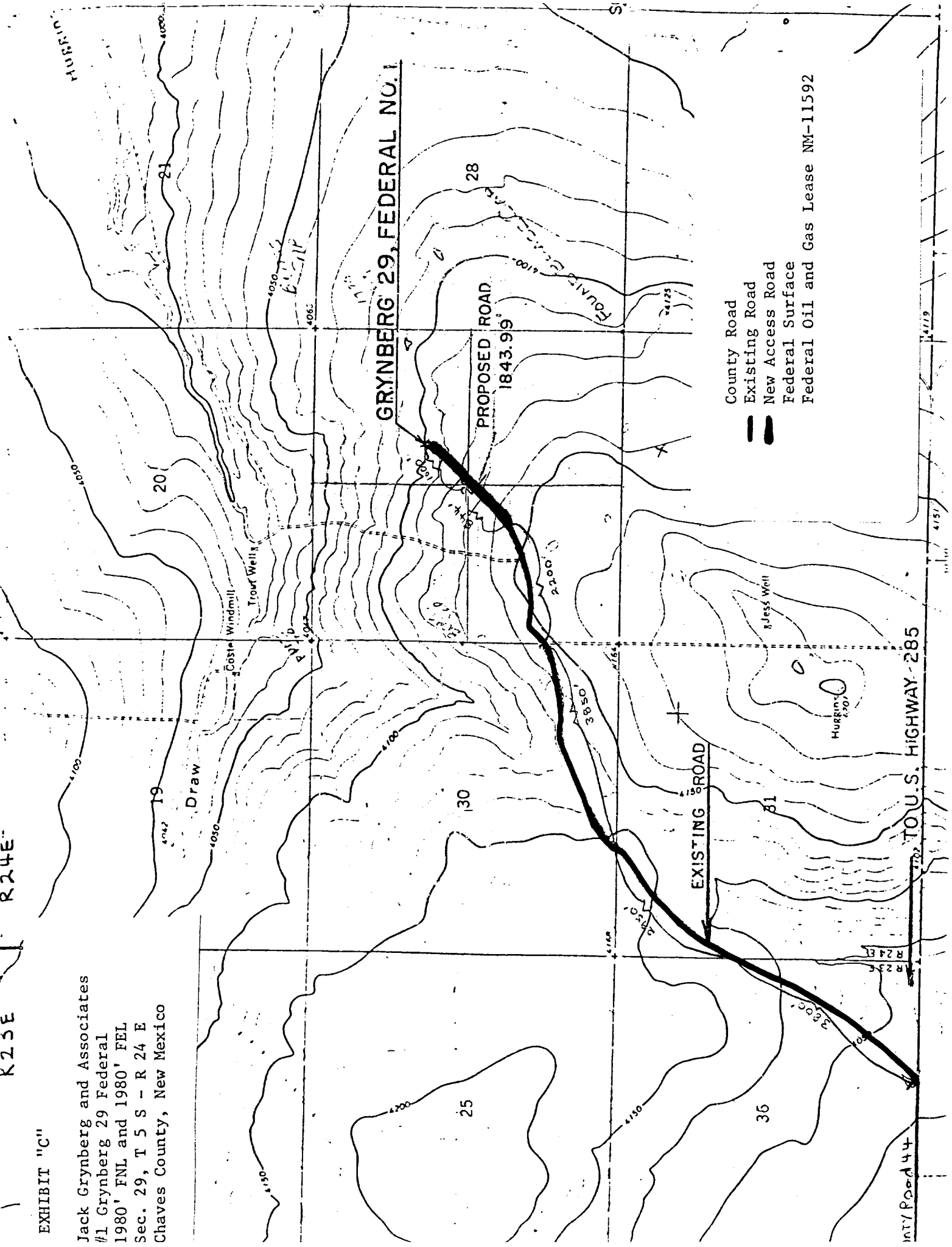
- Federal and/or County Roads
- Existing Road
- - - New Access Road

CHAVES COUNTY
NEW MEXICO

K25E R24E

EXHIBIT "C"

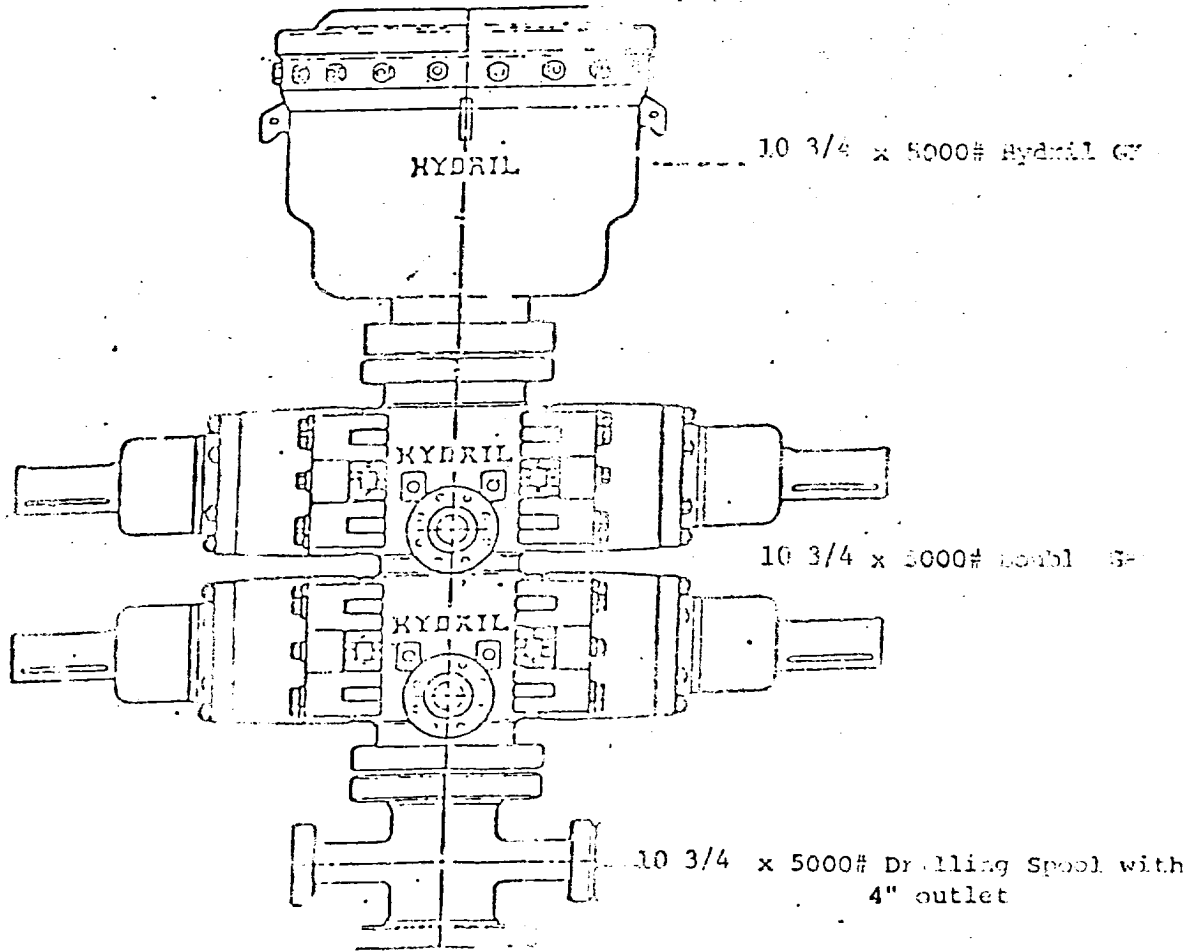
Jack Grynberg and Associates
#1 Grynberg 29 Federal
1980' FNL and 1980' FEL
Sec. 29, T 5 S - R 24 E
Chaves County, New Mexico



- County Road
- Existing Road
- New Access Road
- Federal Surface
- Federal Oil and Gas Lease NM-11592

EXHIBIT "A"
Jack Grynberg and Associates
#1 Grynberg 29 Federal
1980' FNL and 1980' FEL
Sec. 29, T 5 S - R 24 E
Chaves County, New Mexico

B.O.P. Stack



All items H₂S trimmed