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NEW MEXICO OIL CONSERVATION COMMISSION

30-043-20328
Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE ☐	FEE ☒
5. State Oil & Gas Lease No.	
NA	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL ☒ DEEPEN ☐ PLUG BACK ☐		NA	
OIL WELL ☒ GAS WELL ☐ OTHER ☐		8. Farm or Lease Name	
SINGLE ZONE ☒ MULTIPLE ZONE ☐		Diamond Trail Ranch	
2. Name of Operator		9. Well No.	
Helton Engineering & Geological Services, Inc.		Brent No. 3	
3. Address of Operator		10. Field and Pool, or Wildcat	
860 Anaconda Tower, 555 - 17th St., Denver, CO 80202		Wildcat Entrada	
4. Location of Well *		12. County	
UNIT LETTER <u>G</u> LOCATED <u>2200</u> FEET FROM THE <u>East</u> LINE		Sandoval	
AND <u>2550</u> FEET FROM THE <u>North</u> LINE OF SEC. <u>19</u> TWP. <u>13N</u> RGE. <u>6E</u> NMPM			
19. Proposed Depth		19A. Formation	
1700		Entrada	
20. Rotary or C.T.			
Rotary			
21. Location (Show whether DL, RL, etc.)		22. Approx. Date Work will start	
5668' GL		May 19, 1978	
21A. Kind & Status Plug, Bond		21B. Drilling Contractor	
One Well		Stewart Bros	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	8-5/8"	24	150	100	Surface
7-7/8	4-1/2	10.5	1700	100	1200

* Well location as stated is based on a projected section in the Tejon Land Grant. (Sections are not surveyed within the land grant boundary.). See Form C-102 for actual surveyed location.

Drilling Program: Drill 12-1/4" hole to $\pm$ 150', set 8-5/8" surface pipe. Drill 7-7/8" hole to TD ($\pm$ 1700') using drilling mud with a weight of 9.0-9.4, and viscosity of 40-50. Run DST as required. Run SNP-FDC and induction logs. If productive, run 4-1/2", 10.5# casing and cement with 100 sacks.

See attached BOP Schematic.

8-15-78

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed [Signature] Title [Signature] Date 5/15/78

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DIST. 43 DATE MAY 17 1978

CONDITIONS OF APPROVAL, IF ANY:

WELL LOCATION AND ACREAGE DEDICATION PLAT

Supersedes L. J.
Effective 1-1-65

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

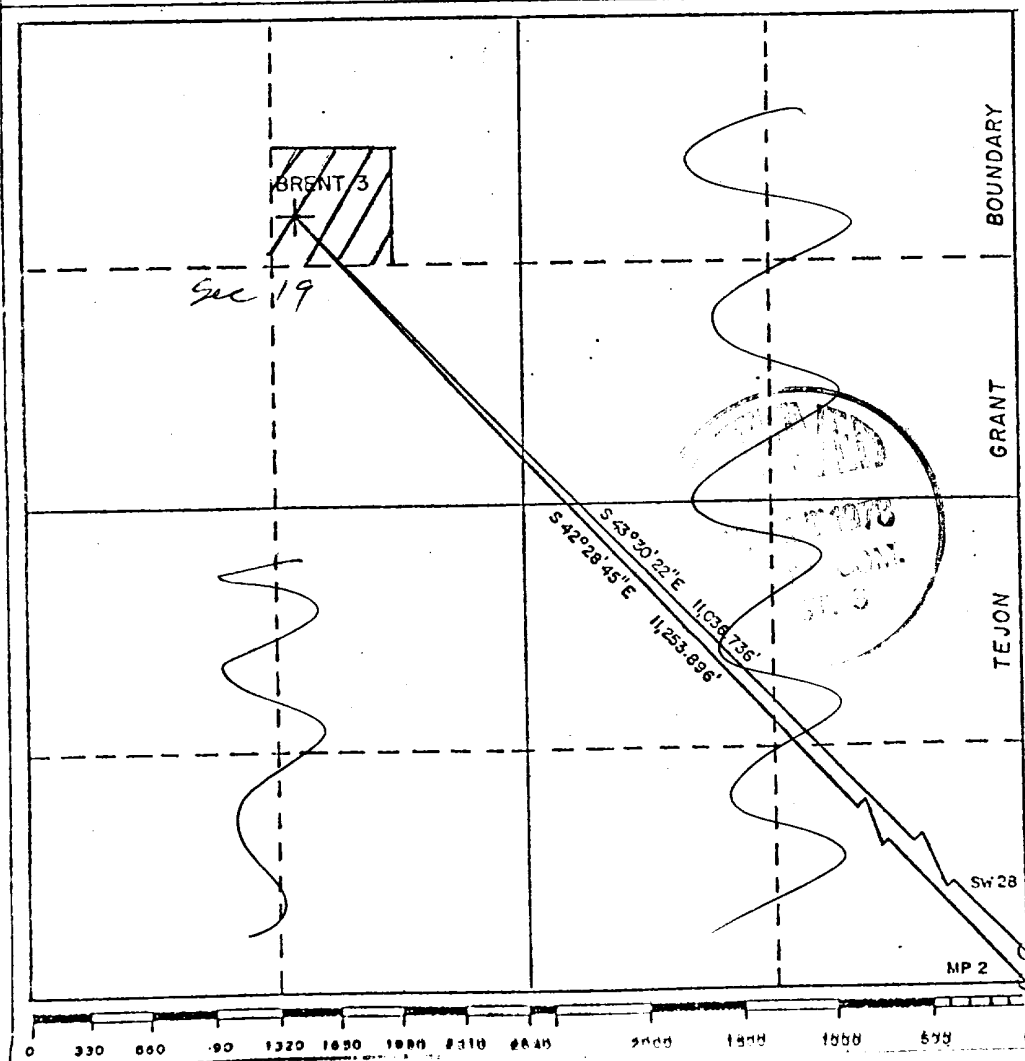
Operator Brent Explorations, Inc.			Lease Diamond Trail Ranch		Well No. 3
Unit Letter NA G	Section NA 19	Township 13N	Range 6E	County Sandoval	
Actual Footage Location of Well: See plat below.					
Ground Level Elev. 5668	Producing Formation NA Entrada	Pool NA Wildcat	Dedicated Acreage: 40		

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). **Only one lease.**
- 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? **Only one lease.**

☐ 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 Jerome B. Weber
 Position Acting for Brent Exploration
 Company Helton Engineering
 Date 5-3-78

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 Apr. 23, 1978

Registered Professional Engineer and/or Land Surveyor

Certificate No.

N.M.L.S. # 4975

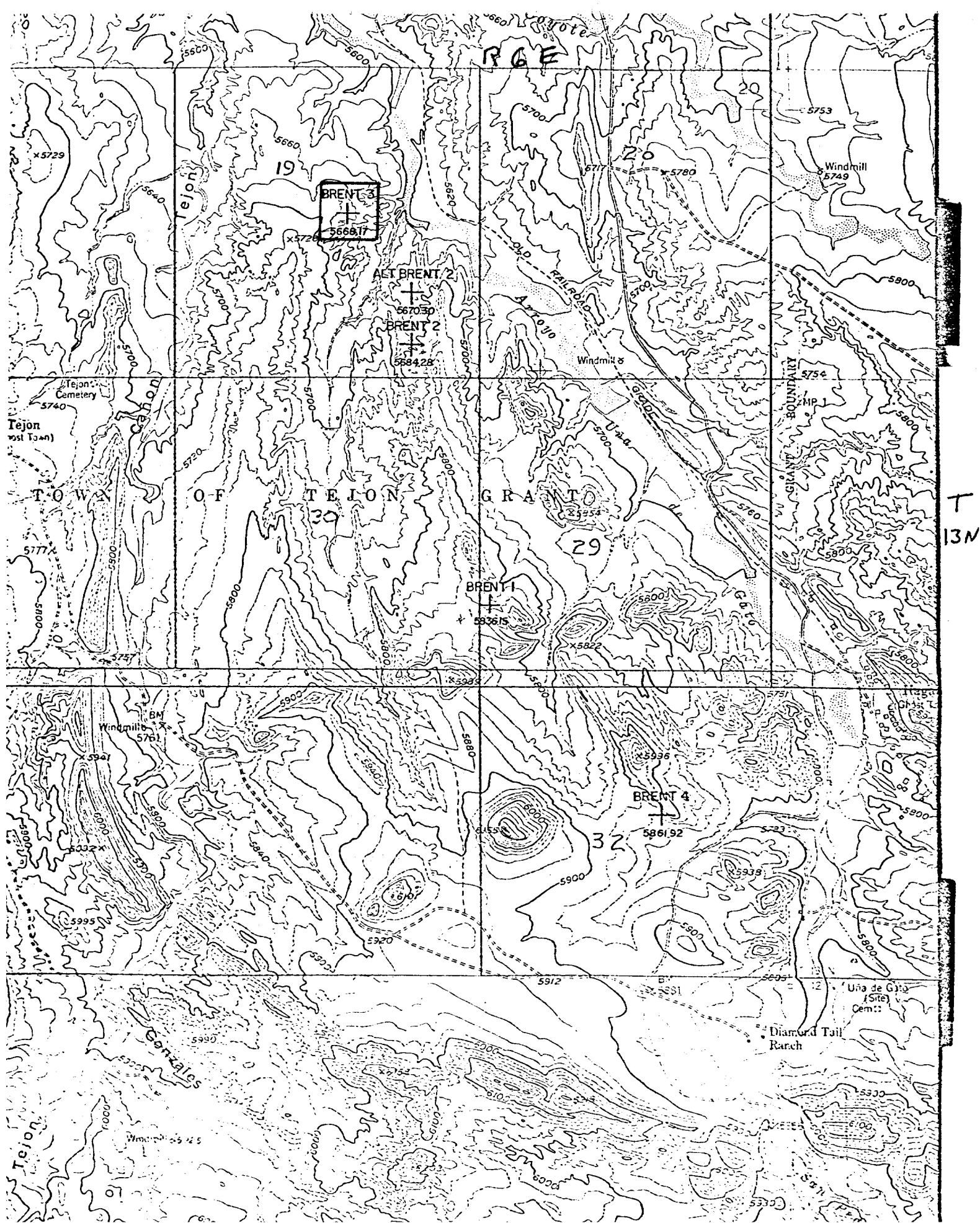
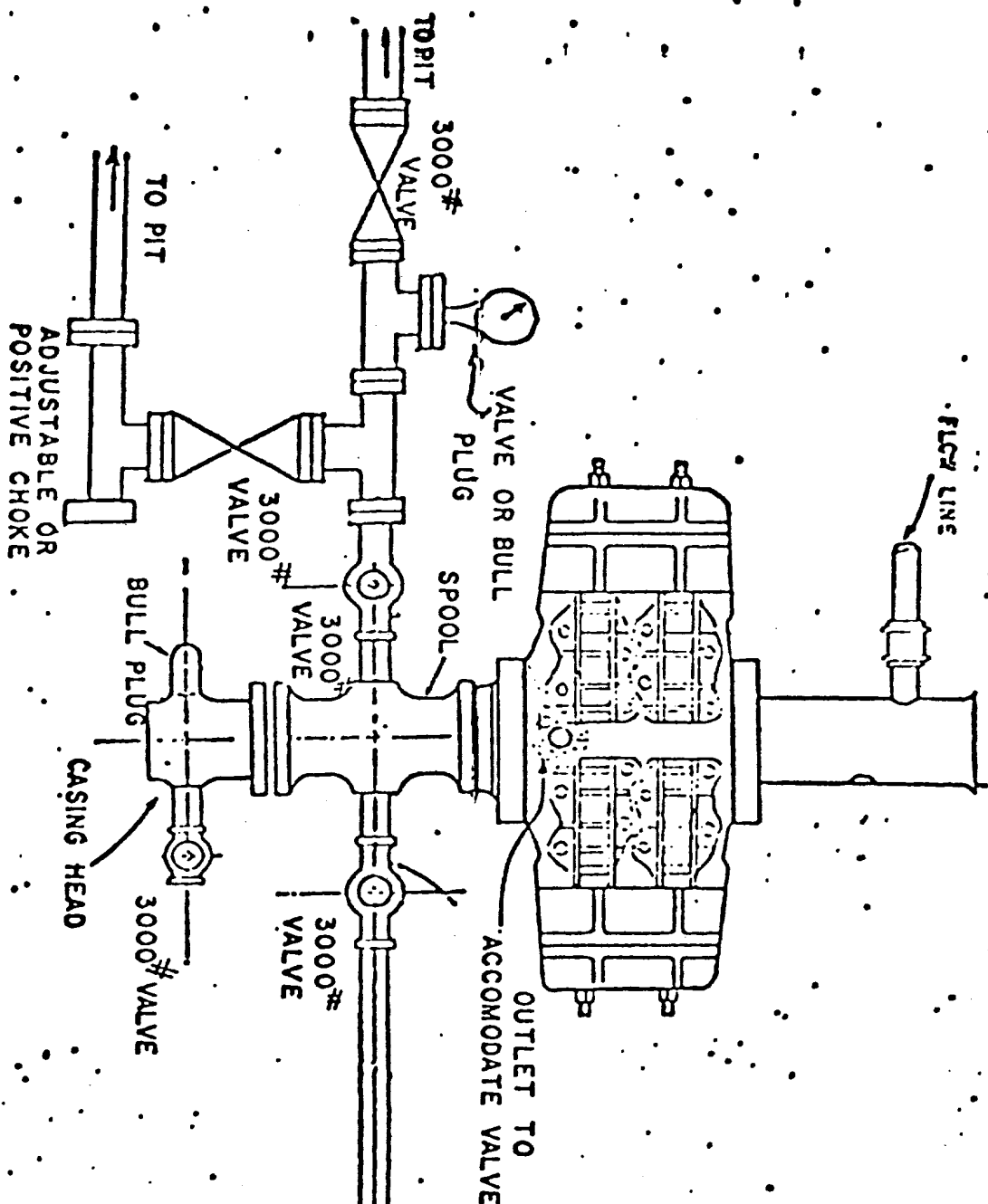


Exhibit "3"



NOTES

1. WHEN DRILLING USE,
2. TOP PREVENTER-DRILL PIPE RAY,
3. BOTTOM PREVENTER-BLIND RAY,
4. WHEN RUNNING CASING USE,
5. TOP PREVENTER-CASING RAYS,
6. BOTTOM PREVENTER-BLIND RAY.

EXHIBIT

1. Always remove the working threads and to in good working condition.
2. All bolts to be tightened and tight.
3. All valves to be 2000 W.P. or better.
4. After nipping up, test flange and pressure on to 1000 for 15 min. and check for possible leaks.
5. All crew members to be familiar with B.O.P. and accumulators.
6. Keep hole full on trips.
7. Use only flange type fittings.
8. Recheck bolts for tightness before 5000 feet or entering production zones.