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NEW MEXICO OIL CONSERVATION COMMISSION

30-093-20329
Form C-101
Revised 1-1-65

| |
|--|
| 5A. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> |
| 5. State Oil & Gas Lease No. NA |
| 7. Unit Agreement Name NA |
| 8. Farm or Lease Name Diamond Trail Ranch |
| 9. Well No. Brent No. 2 |
| 10. Field and Pool, or Wildcat Wildcat Entrada |
| 12. County Sandoval |
| 19. Proposed Depth 1700 |
| 19A. Formation Entrada |
| 20. Rotary or C.T. Rotary |
| 21. Elevation (Show whether D.F., K.H., etc.) 5670" GL |
| 21A. Kind & Status Plug, Head One Well |
| 21B. Drilling Contractor Stewart Bros. |
| 22. Approx. Date Work will start May 12, 1978 |

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | | | |
|--|---|--|--|
| 1a. Type of Work b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> | 2. Name of Operator Helton Engineering & Geological Services, Inc. | 3. Address of Operator 860 Anaconda Tower, 555 - 17th St., Denver, CO 80202 | 4. Location of Well * UNIT LETTER T LOCATED 1200 FEET FROM THE East LINE AND 1470 FEET FROM THE South LINE OF SEC. 19 T4E. 13N R6E. 6E |
| 23. PROPOSED CASING AND CEMENT PROGRAM | | | |
| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH |
| 12-1/4 | 8-5/8 | 24 | 150 |
| 7-7/8 | 4-1/2 | 10.5 | 1700 |

* Well location as stated is based on a projected section in the Tejon Land Grant. (Sections are not surveyed in 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 [Signature] DATE MAY 17 1978

CONDITIONS OF APPROVAL, IF ANY:

N. 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.

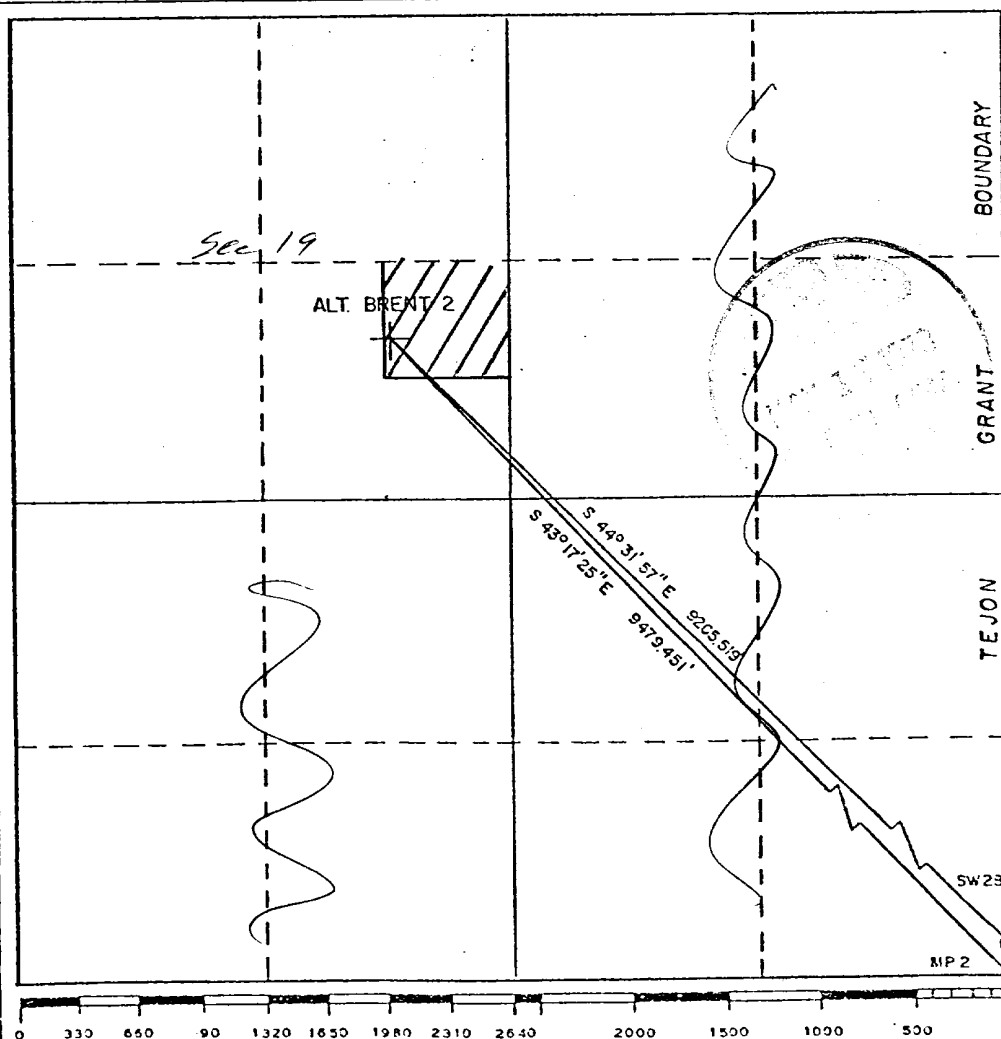
| | | | | | |
|--|--|------------------------|-------------------------------------|------------------------------|----------------------|
| Operator Brent Explorations, Inc. | | | Lease Diamond Trail Ranch | | Well No. 2 |
| Unit Letter NA I | Section NA 19 | Township 13N | Range 6E | County Sandoval | |
| Actual Footage Location of Well: See Plat Below | | | | | |
| feet from the | | line and | | feet from the line | |
| Ground Level Elev. 5670' | Producing Formation NA Entrada | | Pool NA Wildcat | Dedicated Acreage: 40 | |

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). **Only one 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? **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

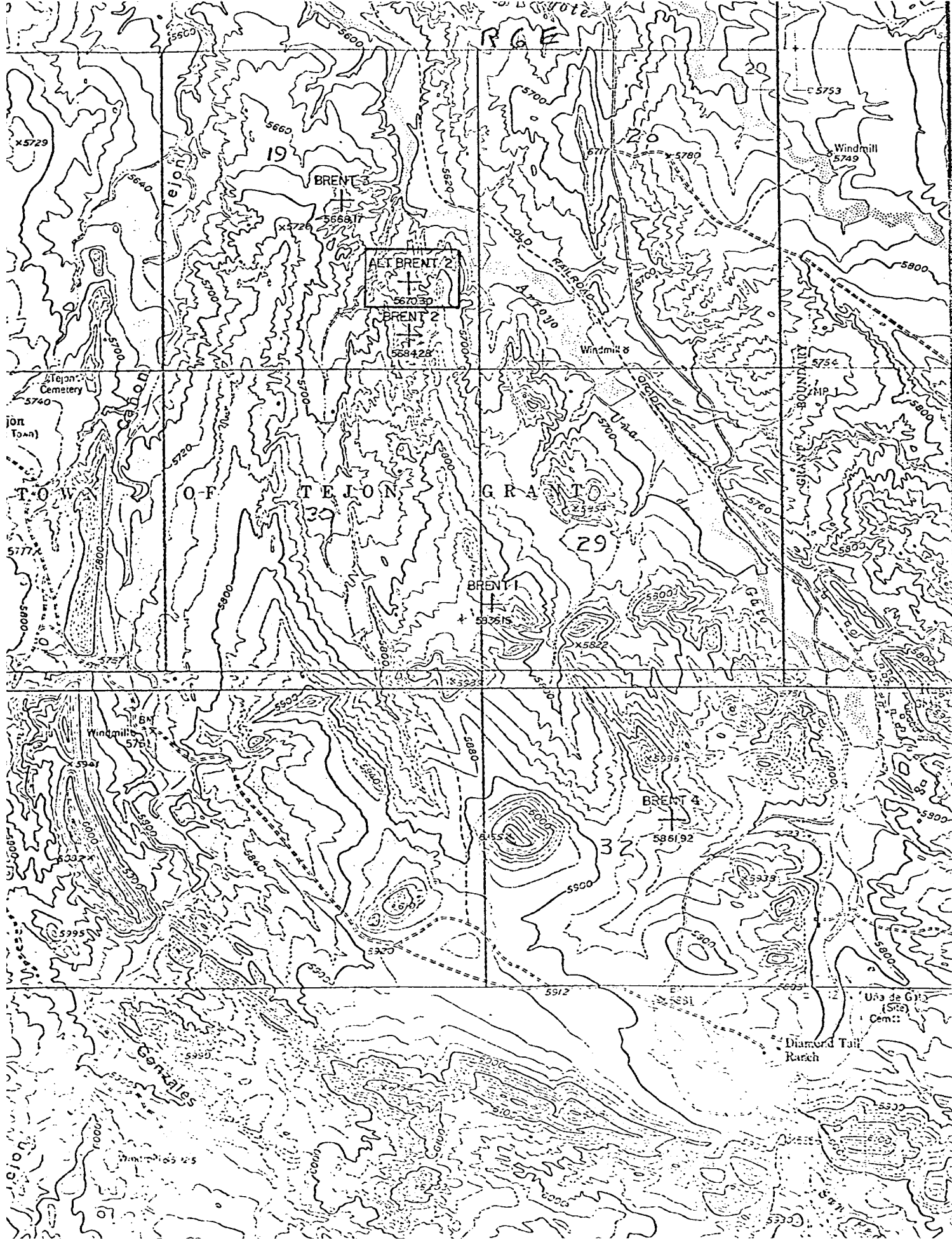
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.
Jerome B. Weber
Jerome B. Weber

Name
Acting for Brent
Position
Helton Engineering
Company
5-3-78
Date

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.

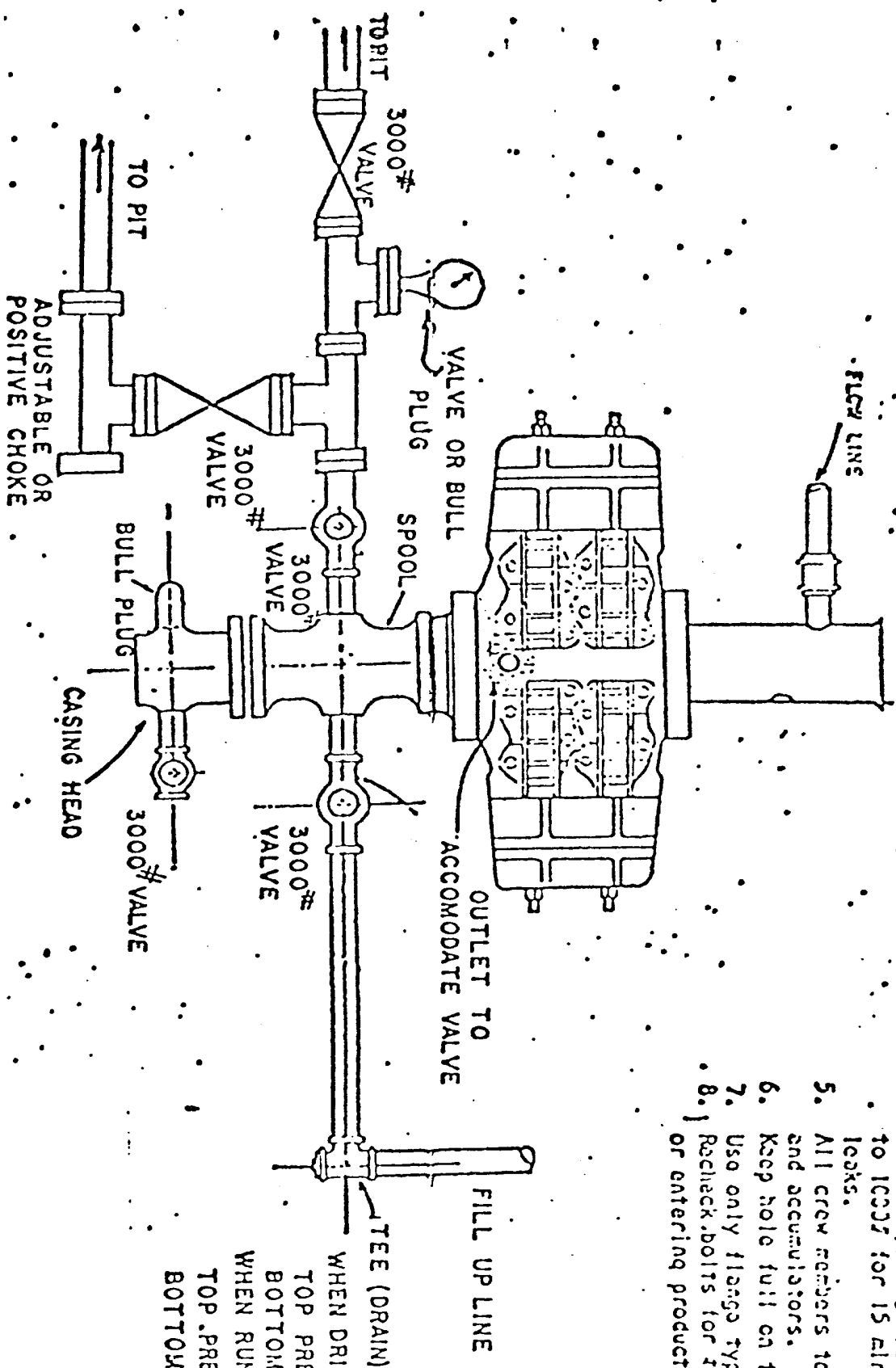
Date Surveyed
April 23, 1978
Registered Professional Engineer
and/or Land Surveyor

Certificate No.
N.M.L.S. # 4995



T
13N

Exhibit "3"



1. In good working condition.
2. All bolts to be tightened and tight.
3. All valves to be tested w.p. or bottom.
4. After nipping up, test flange and pressure up 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 500 feet or entering production zones.

EXHIBIT

NOTES

WHEN DRILLING USE
 TOP PREVENTER-DRILL PIPE RA
 BOTTOM PREVENTER-BLIND RA
 WHEN RUNNING CASING USE
 TOP PREVENTER-CASING RA
 BOTTOM PREVENTER-BLIND RA