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SANTA FE	<input checked="" type="checkbox"/>
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U.S.G.S.	<input checked="" type="checkbox"/>
LAND OFFICE	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work			7. Unit Agreement Name		
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			8. Farm or Lease Name		
2. Name of Operator Diamondback Petroleum INC. ✓			9. Well No. 4		
3. Address of Operator P.O. Box 2938 Ruidoso NM			10. Field and Pool, or Wildcat Cave - G - 5A		
4. Location of Well UNIT LETTER <u>F</u> LOCATED <u>1650</u> FEET FROM THE <u>North</u> LINE AND <u>1650</u> FEET FROM THE <u>West</u> LINE OF SEC <u>4</u> TWP <u>17 S</u> RGE. <u>29 E</u> NMPM			11. County Eddy		
15. Proposed Depth 2500			16A. Formation SanAndres		16B. Rotary or C.T. Rotary
21. Elevations (Show whether DF, HT, etc.) 3589 Gr.		21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor Rhymes		22. Approx. Date Work will start ASAP

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/2	8 5/8	24#	350±	480	Circulated
7 7/8	5 1/2	15.5#	2500	1000	Circulated

Mud Program:

Fresh water and spud mud surface to 350
Brine water w/gel 350 to TD

BOP will be installed on 8 5/8" csng

*Will sh. to
JEN*

APPROVAL VALID FOR 180 DAYS
PERIOD IN DAYS 7-3-84
UNLESS DRILLING UNDERWAY

4. 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.

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

Signed [Signature] Title Geologist Date 1/2/84

(This space for State Use)

APPROVED BY [Signature] TITLE OIL AND GAS INSPECTOR DATE JAN 03 1984

CONDITIONS OF APPROVAL, IF ANY:

*Posted at
RD-101/Booth
1-6-84*

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

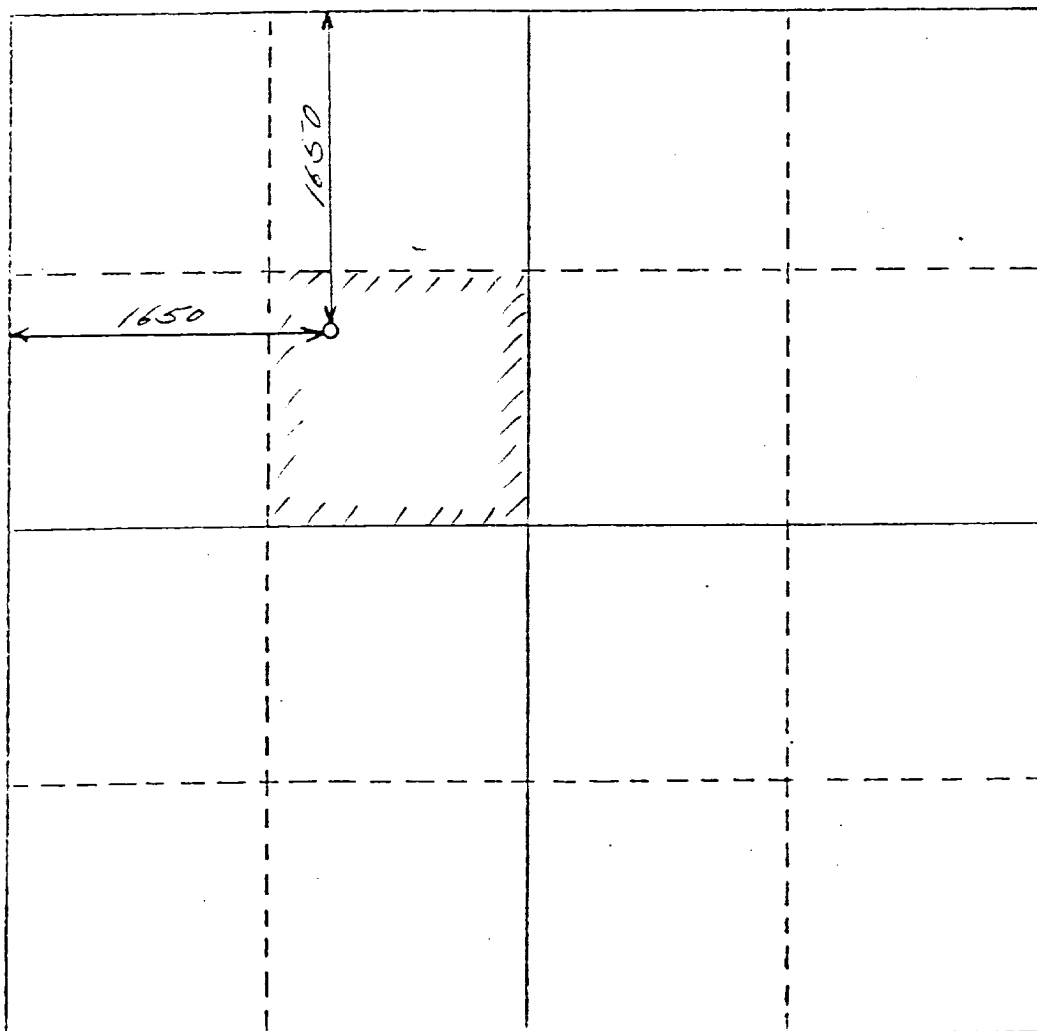
Operator Diamondback Petroleum, Inc.		Lease Cave State		Well No. 4
Unit Letter =	Section 4	Township 17 South	Range 29 East	County Eddy
Actual Footage Location of Well: 1650 feet from the North line and 1650 feet from the West line				
Ground Level Elev. 3589 MSL	Producing Formation SAN ANDRES	Pool CAVE - G-SF	Dedicated Acreage: 40 Acres	

- 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).
- 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
RANDALL L. HARRIS

Position
GEOLGIST

Company
DIAMONDBACK

Date
1/2/84

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.

December 3, 1983

Date Surveyed
P.R. Patton
Registered Professional Engineer
and/or Land Surveyor

8112

Certificate No.

