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SANTA FE, NEW MEXICO 87501
FEB 20 1985
O. C. D.
ARTESIA, OFFICE

Form C-101
Rev. 1-10-78
38-015-25199

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name
b. Type of Well 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 Hardin state
2. Name of Operator Diamondback Petroleum, Inc. ✓		9. Well No. 6
3. Address of Operator P.O. Box 2938, Ruidoso NM 88345		10. Field and Pool, or Wildcat Wildcat - SR
4. Location of Well UNIT LETTER <u>D</u> LOCATED <u>990</u> FEET FROM THE <u>North</u> LINE AND <u>450</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>4</u> TWP. <u>17 S</u> RCE <u>29 E</u> NMPM		12. County Eddy
19. Proposed Depth 1400		19A. Formation Seven Rivers
20. Rotary or C.T. Rotary		
21. Elevations (Show whether DF, KT, etc.) 3602 Gr.	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor L&M
		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 1/4	8 5/8	23.24	250	200	circulated
7 7/8	5 1/2	15.5	1400	400	circulated

Mud Program 0-250 Fresh water and spud mud
250-1400 Brine water

BOP BOP will be installed on 8 5/8" csng

APPROVAL FOR 180 DAYS
8-25-85
UPPER CEMENT UNDERWAY

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 _____ Title Geologist Date 2/20/85

(This space for State Use)

Original Signed By
Mike Williams
Oil & Gas Inspector

FEB 21 1985

APPROVED BY _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

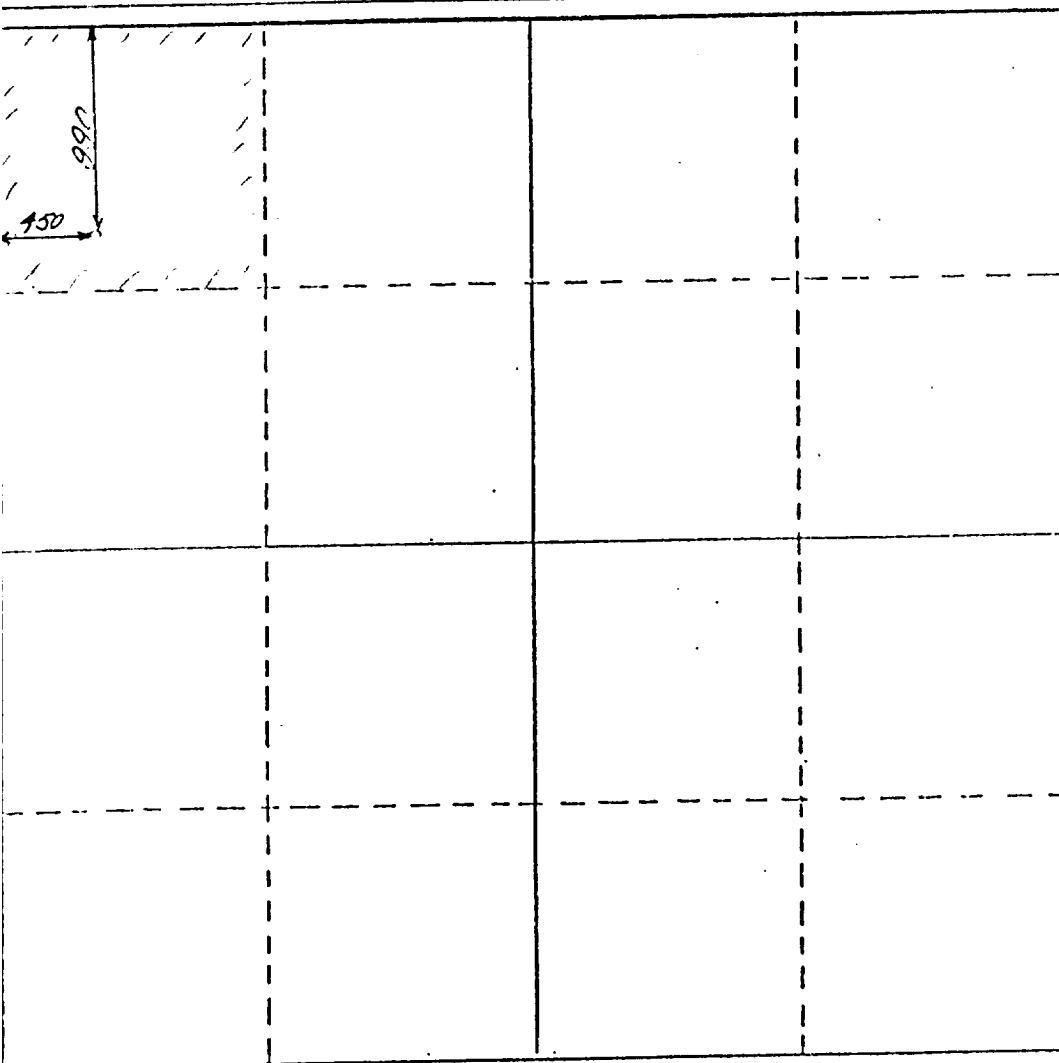
Operator Diamondback Petroleum, Inc		Lease Hardin State		Well No. 6	
Oil Letter D	Section 4	Township 17 South	Range 29 East	County Eddy	
Nearest Postage Location of Well: 990 feet from the North line and 450 feet from the West line					
Ground Level Elev. 3602	Producing Formation SAN JUAN		Pool WILCOCK		Dedicated Acreage: 1.00 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: **Richard L. Patton**
Position: **Geologist**
Company: **Diamondback**
Date: **2/19/85**

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: **Feb 19, 1985**
P.R. Patton
Registered Professional Geologist
and/or Land Surveyor
8112
Certificate No.

