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P. O. BOX 2088
SANTA FE, NEW MEXICO 87501
FEB 20 1985
O. C. D.
ARTESIA, OFFICE

Form C-101
Revised 10-77
30-015-25198
5A. Indicate Type of Lease
STATE ☒ FEE ☐
5. State Oil & Gas Lease Fee

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SANTA FE	1
FILE	1
U.S.G.S.	2
LAND OFFICE	1
OPERATOR	1

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
b. Type of Well DRILL ☒ DEEPEN ☐ PLUG BACK ☐
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐
2. Name of Operator Diamondback Petroleum Inc. ✓
3. Address of Operator P.O. Box 2938, Ruidoso NM 88345
4. Location of Well UNIT LETTER E LOCATED 2310 FEET FROM THE North LINE AND 410 FEET FROM THE West LINE OF SEC. 4 TWP. 17 S RGE. 29 E
11. Elevation (show whether D.F., R.F., etc.) 3598 Gr.
21A. Kind & Status Plug. Bond Blanket
19. Proposed Depth 1400
15A. Formation Seven Rivers
20. Rotary or C.O. Rotary
21B. Drilling Contractor L&M
22. Approx. Date Work will start ASAP

7. Unit Agreement Name
8. Term or Lease Name
Hardin State
9. Well No. 5
10. Field and Feet, or Well No. Wildcat - SF
11. County Eddy

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4	85/8	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

FOR 180 DAYS
8-25-85
CUTTING UNDERWAY

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.

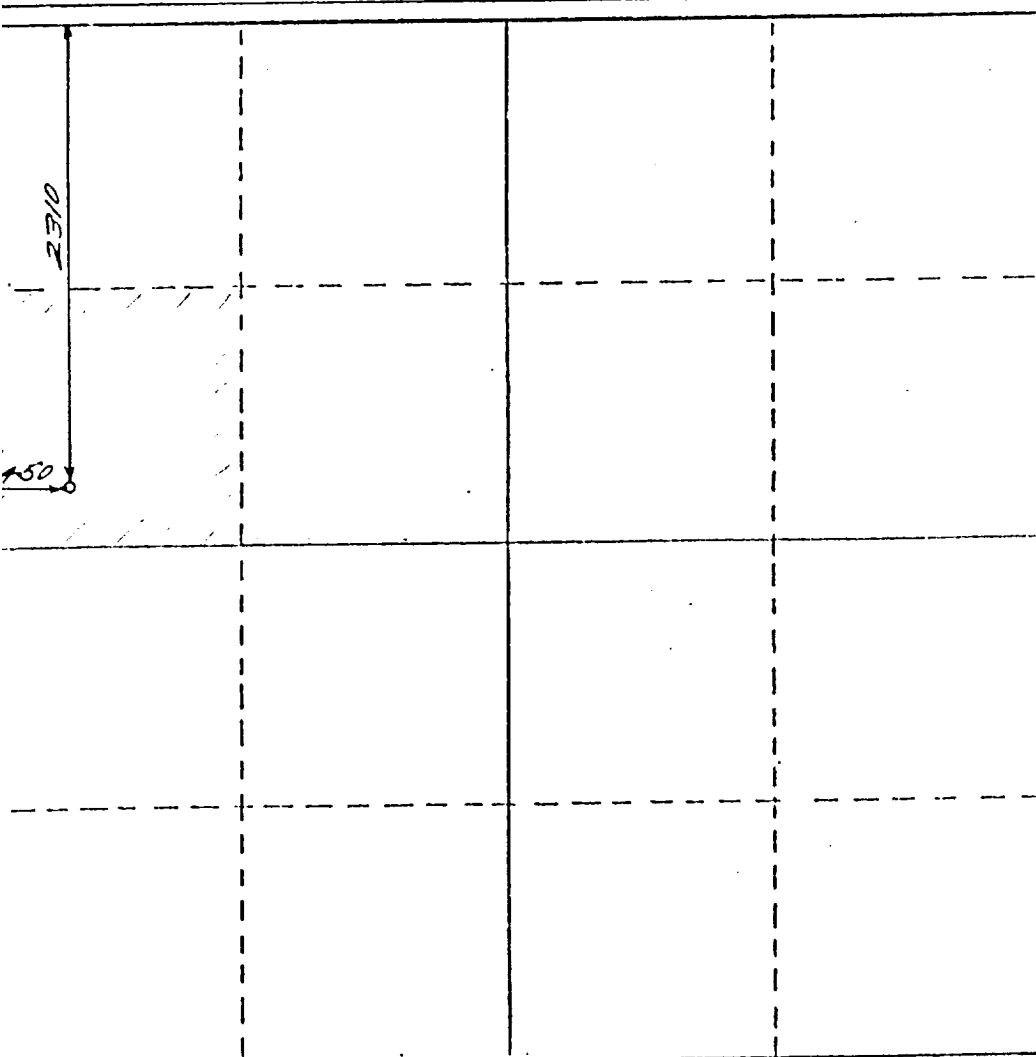
Operator Diamondback Petroleum, Inc		Lease Hardin State		Well No. 5
Section Letter E	Section 4	Township 17 South	Range 29 East	County Eddy
Well Location: Location of Well: 2310 feet from the North line and 450 foot from the West line				
Well Elev. 3598	Producing Formation SAN JUAN, URS	Pool WILD CAT	Dedicated Acreage: 2.1 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 _____

Position _____

Company _____

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.

Feb 19, 1985

Date Surveyed
P.R. Patton

Registered Professional Surveyor
and/or Land Surveyor

8112

Certificate No.

0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 6500 7000 7500 8000 8500 9000 9500 10000