

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
CONSERVATION DIVISION

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

Form C-101  
Rev. 10-1-78  
38-015-25196  
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  
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 H LOCATED 1650 FEET FROM THE North LINE  
AND 450 FEET FROM THE East LINE OF SEC. 5 TWP. 17 S RGE. 29 E NMAPM

7. Unit Agreement Name  
8. Farm or Lease Name  
Hardin State  
9. Well No.  
3  
10. Field and Pool, or Wildcat  
Wildcat  
11. County  
Eddy  
12. Rotary or C.T.  
Rotary  
19. Proposed Depth  
1400  
19A. Formation  
Seven Rivers  
20. Rotary or C.T.  
Rotary  
21. Elevation (Show whether DT, RT, etc.)  
3604 Gr.  
21A. Kind & Status Plug. Bond  
Blanket  
21B. Drilling Contractor  
L&M  
22. Approx. Date Work will start  
asap

23. 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	22.24	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 Frine Water  
BOP BOP will be installed on 8 5/8 csng

180 DAY  
8-25-85  
ONCE DRILLING 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.

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.

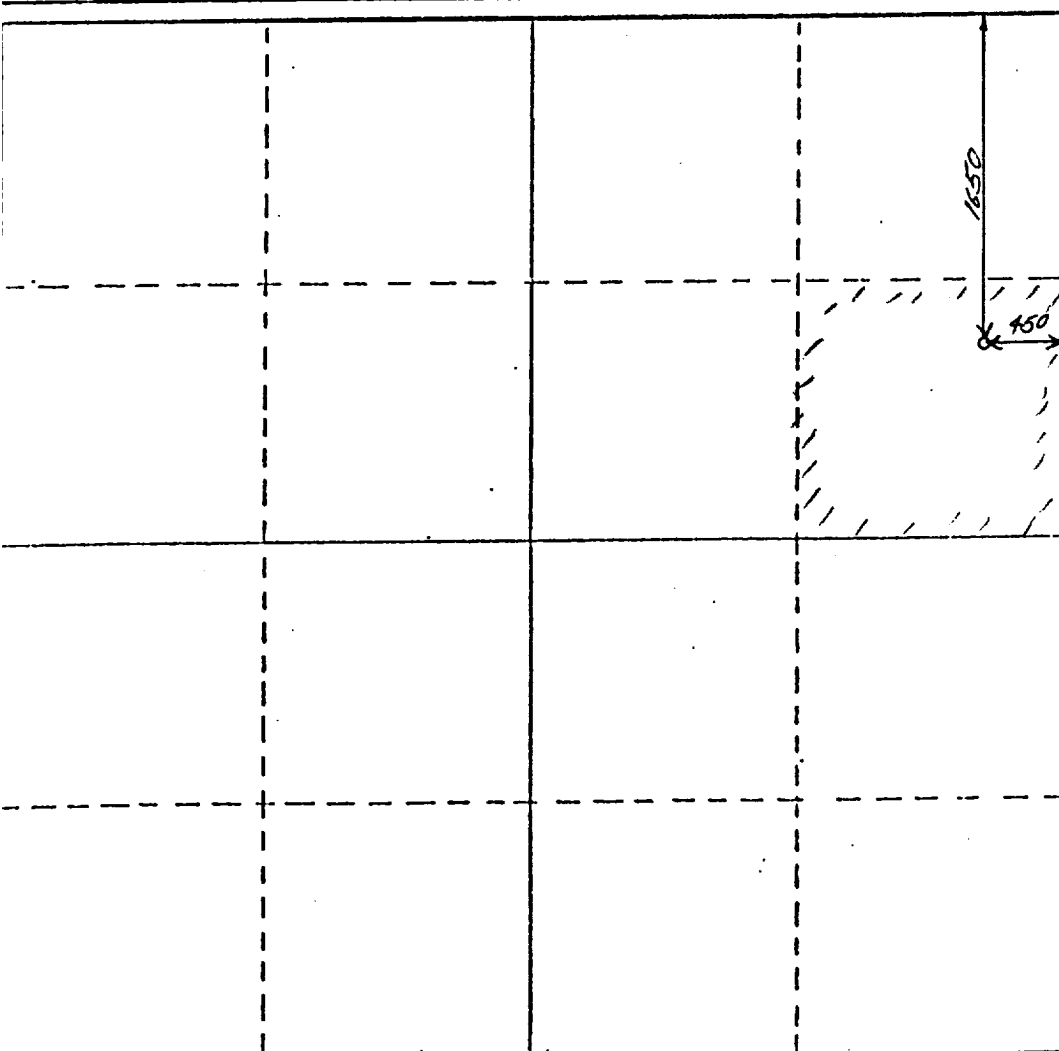
Operator <b>Diamondback Petroleum, Inc</b>		Lease <b>Hardin State</b>		Well No. <b>3</b>
Unit Letter <b>H</b>	Section <b>5</b>	Township <b>17 South</b>	Range <b>29 East</b>	County <b>Eddy</b>
Actual Footage Location of Well:				
1650 feet from the North line and		450 feet from the East line		
Ground Level Elev. <b>3604</b>	Producing Formation <b>SEVEN RIVERS</b>	Pool <b>WILDCAT</b>	Dedicated Acreage: <b>40</b> 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  
**KANDACE L. PATTON**  
Position  
**GEOLOGIST**  
Company  
**Diamondback**  
Date  
**2/20/85**

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.

Feb 19, 1985

Date Surveyed  
**P.R. Patton**

Registered Professional  
and/or Land Surveyor

8112

Certificate No.

