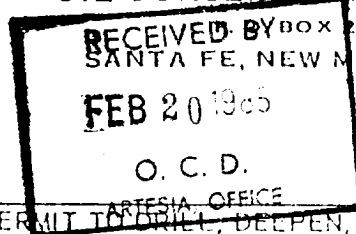


STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

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AND OFFICE	✓
OPERATOR	✓



Form C-101
Rev. 10-1-84
30-019-25195

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 OIL WELL ☒ GAS WELL ☐ OTHER ☐ 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 2190 FEET FROM THE North LINE AND 990 FEET FROM THE East LINE OF SEC. 5 TWP. 17 S. RGE. 29 E. NAD 83 16. Proposed Depth 1400 19A. Formation Seven Rivers 19B. Rotary or C.T. Rotary 20. Elevation (show whether D.F., K.I., etc.) 1610 Gr. 21A. Kind & Status Plug. Bond Blanket 21B. Drilling Contractor L & M 22. Approx. Date Work will start asap				7. Unit Agreement Name 8. Farm or Lease Name Hardin State 9. Well No. 2 10. Field and Pool, or Wildcat Wildcat 17. County Eddy	
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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	23.74	250	200	circulated
7/8	5 1/2	15.5	1400	400	circulated

Mud Program: 0-250 Fresh Water and spud mud
250-1400 Brine Water

POP: BOP will be installed on 8 5/8 csng

180
8-25-85

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 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. 2
Unit Letter H	Section 5	Township 17 South	Range 29 East	County Eddy
Actual Wellbore Location of Well:				
2190	feet from the	North	line and	990
				feet from the
				East
Ground Level Elev. 3610	Producing Formation SEVEN RIVERS		Pool WINDCA 7	Dedicated Acreage: 4.0 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 Barbara 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.