

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

RECEIVED BY
DEC 07 1983

O. C. D.
ARTESIA, OFFICE

Form C-101

Revised 10-1-78

30-015-24714

5A. Indicate Type of Lease

STATE ☒ REC ☐

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 Cave State	
2. Name of Operator Diamondback Petroleum Inc.		9. Well No. 2	
3. Address of Operator P.O. Box 2938 Ruidoso New Mexico		10. Field and Pool, or Wildcat Cave-G-SI-	
4. Location of Well UNIT LETTER <u>H</u> LOCATED <u>1650</u> FEET FROM THE <u>North</u> LINE AND <u>330</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>5</u> TWP. <u>17S</u> RGE. <u>29E</u> NMPM		12. County Eddy	
19. Proposed Depth 2500		19A. Formation San Andres	
20. Rotary or C.T. RT		21. Elevations (Show whether DF, KT, etc.) 3604 G-R	
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor	
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	24#	350±	220	Circulated
7 7/8	5 1/2	15.5#	2500	350	Base of Salt

Posted and
ID-10 w/ Brook
12-9-83

Mud Program:

Fresh water and spud mud surface to 350 ft.
Brine water w/gel 350 to TD
BOP will be installed on 8 5/8" csng

180
6-8-84

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 SUMMARY 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 12/7/83

(This space for State Use)

APPROVED BY [Signature] TITLE Geologist DATE 12/8/83

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

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

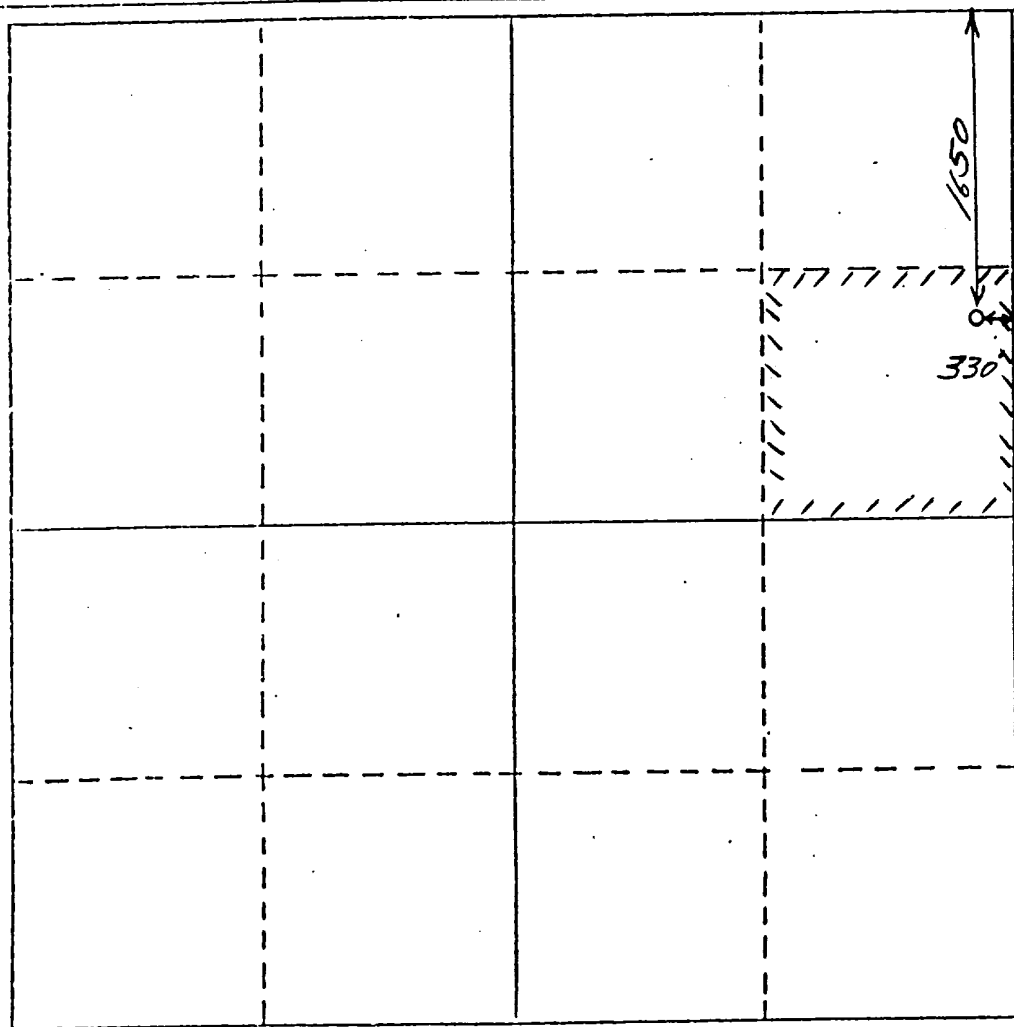
Operator Diamondback Petroleum, Inc.			Lease Cave State		Well No. 2
Unit Letter H	Section 5	Township 17 South	Range 29 East	County Eddy	
Actual Footage Location of Well: 1650 feet from the North line and 330 feet from the East line					
Ground Level Elev. 3604 MSL	Producing Formation G.B. S.A.		Pool CAVE - G - SF		Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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
Geologist
Position
Diamondback Pet
Company

Date
12/6/83

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.

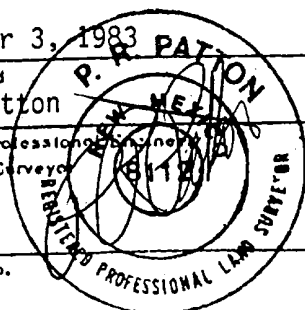
December 3, 1983

Date Surveyed
P.R. Patton

Registered Professional Engineer
and/or Land Surveyor

8112

Certificate No.



0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0