

30-015-24743

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

L CONSERVATION DIVISIC

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-101
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	☒
FILE	☒
U.S.G.S.	☒
LAND OFFICE	☒
OPERATOR	☒

5A. Indicate Type of Lease
STATE ☒ FEE ☐
5. State Oil & Gas Lease No.
B 7596

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DIL ☒ GAS WELL ☐ OTHER ☐		8. Farm or Lease Name	
2. Name of Operator		9. Well No.	
Diamondback Petroleum Inc.		5	
3. Address of Operator		10. Field and Pool, or Wildcat	
P.O. Box 2938 Ruidoso NM.		Cave - G-5A	
4. Location of Well		12. County	
UNIT LETTER E LOCATED 1650 FEET FROM THE North LINE		Eddy	
AND 330 FEET FROM THE West LINE OF SEC 4 TWP 17 S RGE. 29 E NMPM			
19. Proposed Depth		15A. Formation	
2500		SanAndres	
20. Rotary or C.T.		Rotary	
21. Elevations (Show whether Dr. H.T. etc.)		22. Approx. Date Work will start	
3600 Gr.		ASAP	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
Blanket		Rhymes	

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/8	8 5/8	24#	350±	480	Circulated
7 7/8	5 1/2	15.5#	2500	1000	Circulated

Mud Program:

Fresh water and spud mud surface to 350
Brine water w/gel 350 to TD

BOP will be installed on 8 5/8" csng

180 DAYS
PERMIT EXPIRES 7-3-84
UNLESS 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 A DOWNHOLE PREVENTER PROGRAM, IF ANY.

hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed [Signature] Title Geologist Date 1/2/84
(This space for State Use)

APPROVED BY [Signature] TITLE OIL AND GAS INSPECTOR DATE JAN 03 1984

CONDITIONS OF APPROVAL, IF ANY:

Posted and
SD-10 1/2/84
1-6-84

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form 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. 5
Unit Letter E	Section 4	Township 17 South	Range 29 East	County Eddy
Actual Postage Location of Well: 1650 feet from the North line and 330 feet from the West				
Ground Level Elev. 3600 MSL	Producing Formation San Andres	Pool Cave - G-5A	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

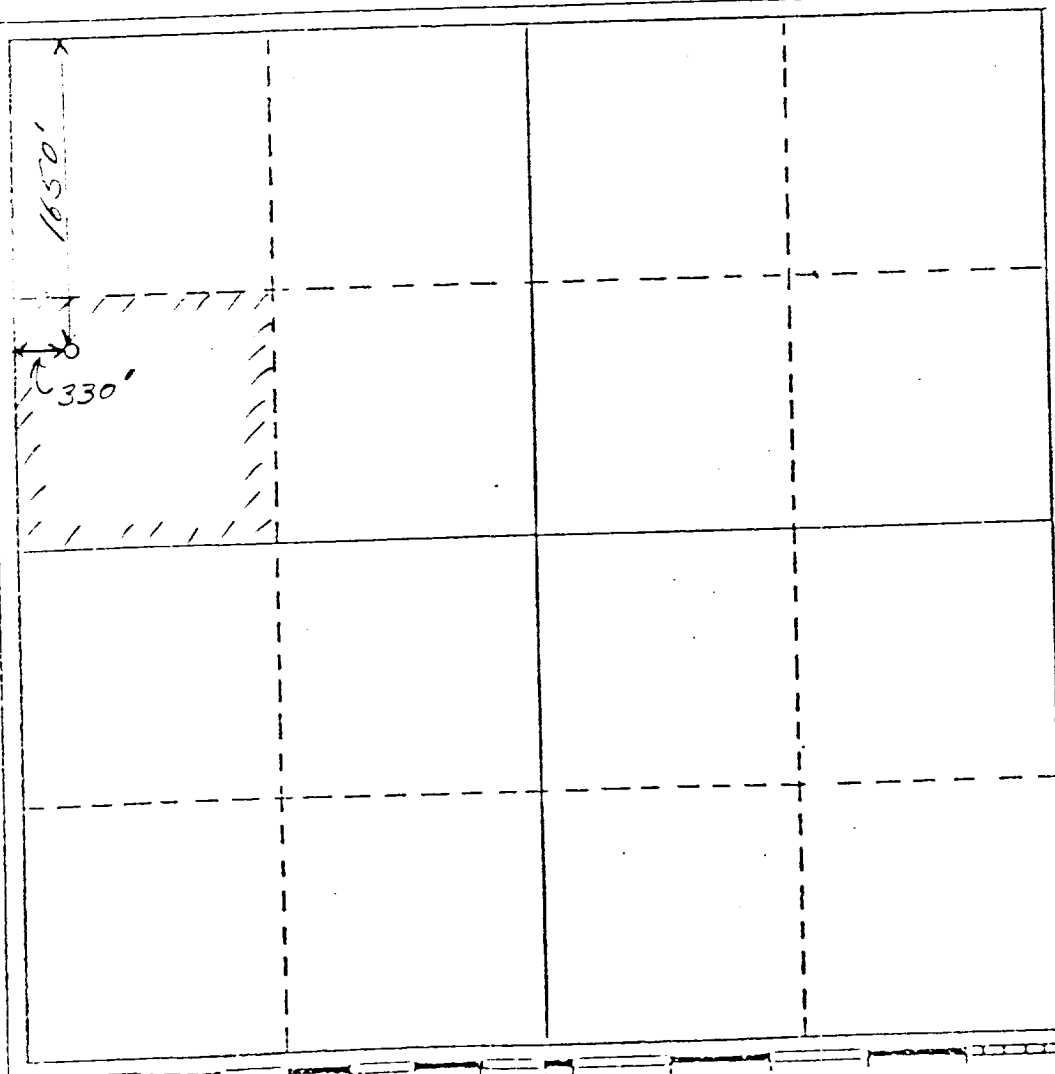
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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
Randall L. Harris

Position
Geologist

Company
Diamondback

Date
1/2/84

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
R. P. R. Patton

Registered Professional Engineer
and/or Land Surveyor

8112

Certificate No.

