

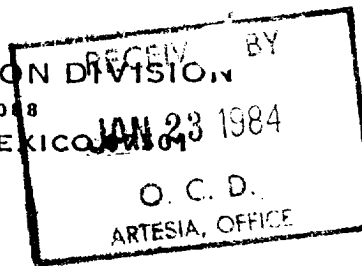
30-015-24762

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2038
SANTA FE, NEW MEXICO 87501Form C-101
Revised 10-1-78

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U.S.G.S.	<input checked="" type="checkbox"/>
LAND OFFICE	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>



5A. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
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 Diamond State	
2. Name of Operator J.E.M. Resources				9. Well No. 4	
3. Address of Operator P.O. Box 2938 Ruidoso, N.M.				10. Field and Pool, or Wildcat Cave - G-5H	
4. Location of Well UNIT LETTER A LOCATED 330 FEET FROM THE North LINE AND 330 FEET FROM THE East LINE OF SEC. 8 TWP. 17S RGE. 29E NMPM				12. County Eddy	
19. Proposed Depth 2500				19A. Formation San Andres	
20. Rotary or C.T. Rotary				21. Elevations (Show whether DF, KT, etc.) 3605 GR	
21A. Kind & Status Plug. Bond Blanket				21B. Drilling Contractor Rhymes	
22. Approx. Date Work will start ASAP					

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/2"	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 FT.
Brine water w/gel 350 to TD
BOP will be installed on 8 5/8" csng.

Posted at 9
10-1-84 Book
1-27-84

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 7-25-84
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 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 1/23/84

(This space for State Use)

APPROVED BY [Signature] TITLE OIL AND GAS INSPECTOR DATE JAN 25 1984

CONDITIONS OF APPROVAL, IF ANY:

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

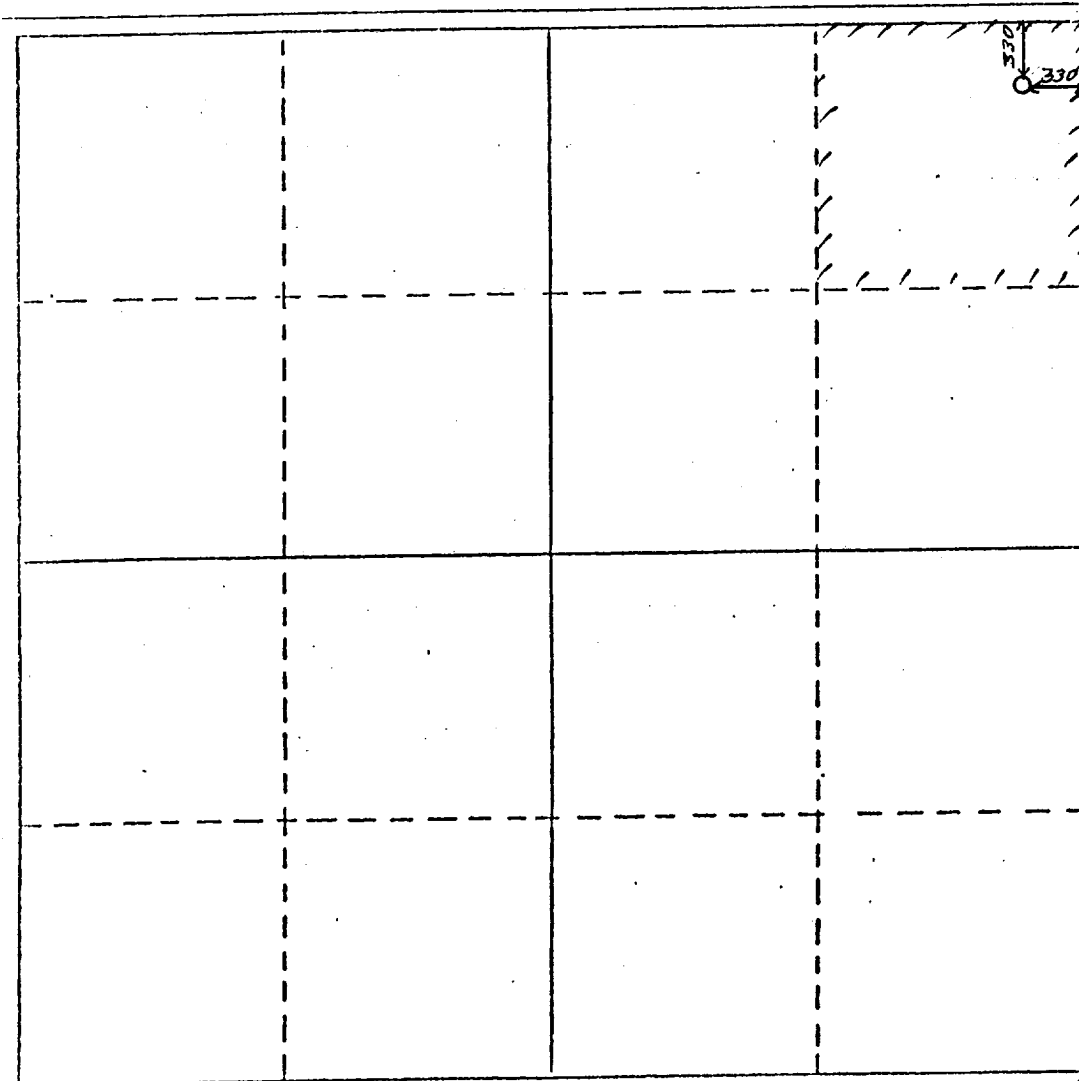
Operator J E M Resources, Inc.		Lease Diamond State		Well No. 4
Unit Letter A	Section 8	Township 17 South	Range 29 East	County Eddy
Actual Footage Location of Well: 330 feet from the North line and 330 feet from the East line				
Ground Level Elev. 3605 MSL	Producing Formation BB-SA	Pool CANE - G - SA	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
Russell C. Harris

Position
Geologist

Company
J.E.M. Resources

Date
1/23/84

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.

January 21, 1984

Date Surveyed
P. R. Patton

Registered Professional Engineer
and/or Land Surveyor

8112

Certificate No.

