

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

JIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☒ FEE ☐
5. State Oil & Gas Lease No.
LG-740

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" 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 checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Vacuum State
2. Name of Operator Mesa Operating Limited Partnership		9. Well No. 3
3. Address of Operator P.O. Box 2009/Amarillo, TX 79189		10. Field and Pool, or Wildcat Scharb Bone Springs
4. Location of Well UNIT LETTER C LOCATED 660 FEET FROM THE North LINE AND 1980 FEET FROM THE West LINE OF SEC. 10 TWP. 19S RGE. 35E NMPM		12. County Lea
19. Proposed Depth 9,000'		19A. Formation Bone Springs
20. Rotary or C.T. Wireline		
21. Elevations (Show whether DF, RT, etc.) 3844' GR	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor Undetermined
22. Approx. Date Work will start 4-1-86		

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8"	48#	500'	550	Surface
11"	8 5/8"	32#/24#	4037'	1550/300	Surface
7 7/8"	5 1/2"	17#/15.5#	10793'	820	7110' (Bond Log)

(Wolfcamp perms @ 10544'-650' and 10,465'-484'; top of Wolfcamp @ 10,392')
Propose to set CIBP @ 10,375' plus 35' cement. Test to 1000 psi. Perforate Bone Springs
w/4" csg gun; 1 JSPF from 8978-90' and 2 JSPF from 8994'-99'
Acidize perms with 3500 gals 15% NE-FE acid and put well back on production

xc: NMOC-D-H(0+5) Cen. Rcds., Prod. Rcds., Reg., D&M, Partners

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUS 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 R. E. Martin Title Regulatory Agent Date 3-10-86

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____ DATE MAR 14 1986

CONDITIONS OF APPROVAL, IF ANY:

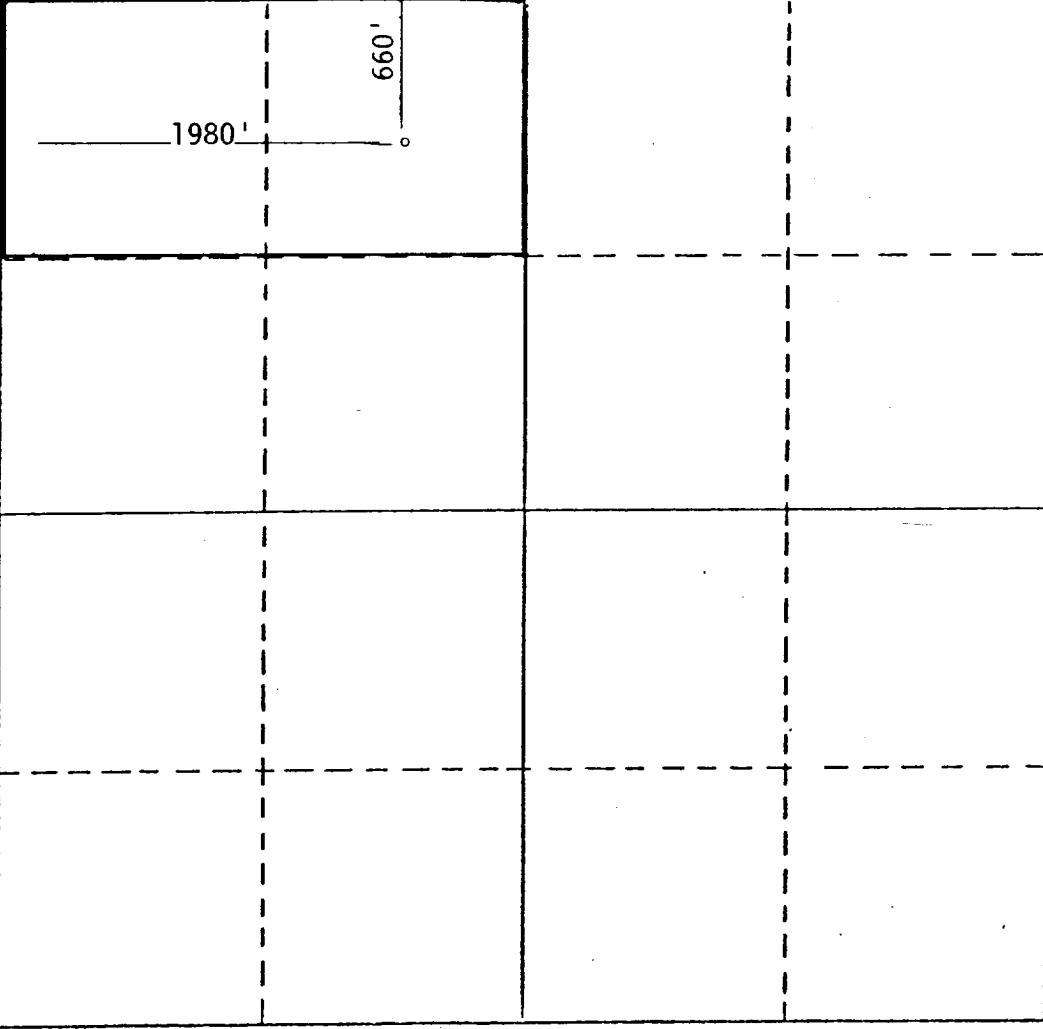
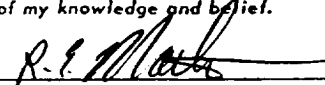
By: R. E. Martin, Regulatory Agent
Date: 3-10-86


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 Mesa Operating Limited Partnership		Lease Vacuum State		Well No. 3	
Unit Letter C	Section 10	Township 19S	Range 35E	County Lea	
Actual Footage Location of Well:					
660		feet from the North		line and 1980	
				feet from the West	
Ground Level Elev. 3844.2'		Producing Formation Bone Springs		Pool Scharb Bone Springs	
				Dedicated Acreage: 80 Acres	
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.</p> <p>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).</p> <p>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?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes," type of consolidation _____</p> <p>If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____</p> <p>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.</p>					

	CERTIFICATION	
	<i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>	
		
	Name R. E. Mathis	
	Position Regulatory Agent	
	Company Mesa Operating Limited Partnership	
	Date 3-10-86	
	<i>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.</i>	
	Date Surveyed	
	Registered Professional Engineer and/or Land Surveyor	
Certificate No.		



0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

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MAR 11 1986
C. C. T.
HOBBS OFFICE