

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

OIL CONSERVATION DIVISION

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

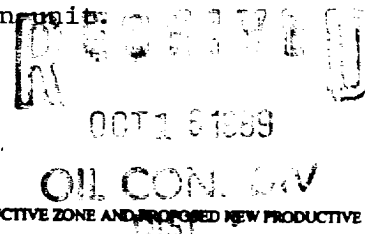
API NO. (assigned by OCD on New Wells) <u>30-045-27502</u>
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B10603-27
7. Lease Name or Unit Agreement Name FC STATE COM
8. Well No. # 9 <u>W/320</u>
9. Pool name or Wildcat Basin Fruitland Coal

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work: DRILL <input checked="" type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>					
b. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>					
2. Name of Operator MESA OPERATING LIMITED PARTNERSHIP					
3. Address of Operator P.O. BOX 2009, AMARILLO, TEXAS 79189					
4. Well Location Unit Letter <u>M</u> : <u>915</u> Feet From The <u>South</u> Line and <u>835</u> Feet From The <u>West</u> Line Section <u>36</u> Township <u>29N</u> Range <u>8W</u> NMPM San Juan County					
10. Proposed Depth 3050'		11. Formation Fruitland Coal		12. Rotary or C.T. Rotary	
13. Elevations (Show whether DF, RT, GR, etc.) 6308' GR		14. Kind & Status Plug Bond Blanket		15. Drilling Contractor Not Yet Determined	
16. Approx. Date Work will start					
17. 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#	200'	150 sx 'B'+2% CC	Surface
7 7/8"	5 1/2"	17#	3050'	400 Poz/300'B'	Surface
	2 3/8"	4.7#	2950'		

Propose to spud well with 12 1/4" hole and drill to 200' and set 8 5/8" surface casing. Will cement with 150 sx of Class "B" and raise cement to surface. Will nipple up 3000 psi BOP assembly and drill 7 7/8" hole to TD of 3050' with fresh water mud system. Will then log well and evaluate for possible commercial production. If successful, will then run 5 1/2" casing to 3050' and cement with 400 sx Pozmix followed by 300 sx Class "B" cement. Will move off drilling rig and move in completion unit.

APPROVAL EXPIRES 4-17-90
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.



xc: NMOCD-Aztec (0+5), WF, Reg, Land, Expl., Drilling
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.

SIGNATURE R.L. Markin TITLE Regulatory Agent DATE 10/12/89

TYPE OR PRINT NAME TELEPHONE NO.

(This space for State Use)

APPROVED BY Ernie Buel DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE OCT 17 1989

CONDITIONS OF APPROVAL, IF ANY:

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1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator MESA OPERATING LIMITED PARTNERSHIP			Lease FC STATE COM		Well No. 9
Unit Letter M	Section 36	Township 29 N	Range 8 W	County San Juan	
Actual Footage Location of Well: 915 feet from the South line and 835 feet from the West line					
Ground level Elev. 6308	Producing Formation Fruitland Coal		Pool Basin Fruitland Coal		Dedicated Acreage: W/2 320 Acres
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hectare 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 interest of all owners been consolidated by communitization, unitization, force-pooling, etc.? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes" type of consolidation <u>Communitization</u> 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 interest, has been approved by the Division.</p>					

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600 6930 7260 7590 7920 8250 8580 8910 9240 9570 9900 10230 10560 10890 11220 11550 11880 12210 12540 12870 13200 13530 13860 14190 14520 14850 15180 15510 15840 16170 16500 16830 17160 17490 17820 18150 18480 18810 19140 19470 19800 20130 20460 20790 21120 21450 21780 22110 22440 22770 23100 23430 23760 24090 24420 24750 25080 25410 25740 26070 26400 26730 27060 27390 27720 28050 28380 28710 29040 29370 29700 30030 30360 30690 31020 31350 31680 32010 32340 32670 33000 33330 33660 33990 34320 34650 34980 35310 35640 35970 36300 36630 36960 37290 37620 37950 38280 38610 38940 39270 39600 39930 40260 40590 40920 41250 41580 41910 42240 42570 42900 43230 43560 43890 44220 44550 44880 45210 45540 45870 46200 46530 46860 47190 47520 47850 48180 48510 48840 49170 49500 49830 50160 50490 50820 51150 51480 51810 52140 52470 52800 53130 53460 53790 54120 54450 54780 55110 55440 55770 56100 56430 56760 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