

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

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

API NO. (assigned by OCD on New Wells)

30-015-27144

5. Indicate Type of Lease
 STATE FEE

6. State Oil & Gas Lease No.

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"/>		7. Lease Name or Unit Agreement Name RINGER	
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"/>	
2. Name of Operator MURCHISON OIL AND GAS, INC.		8. Well No. 3	
3. Address of Operator 1445 ROSS AVENUE, LOCK BOX 152, DALLAS, TX 75202-4752		9. Pool name or Wildcat WILDCAT <u>Delaware</u>	
4. Well Location Unit Letter <u>B</u> : <u>785</u> Feet From The <u>NORTH LINE</u> Line and <u>1880</u> Feet From The <u>EAST LINE</u> Line Section <u>3</u> Township <u>25S</u> Range <u>26E</u> NMPM <u>EDDY</u> County			
10. Proposed Depth 5300'		11. Formation DELAWARE	12. Rotary or C.T. ROTARY
13. Elevations (Show whether DF, RT, GR, etc.) 3284 GR	14. Kind & Status Plug. Bond BLANKET	15. Drilling Contractor L & M DRILLING, INC.	16. Approx. Date Work will start OCT. 21, 1992

17. 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# H-40	450'	CIRC	SURFACE
12-1/4"	8-5/8"	28# J-55	1780'	CIRC	SURFACE
7-7/8"	5-1/2"	15.5 & 17# J-55	5300'	TIE BACK 600'	BASE OF 8-5/8" ABOVE

- A. Will Drill to Test Delaware Formation
- B. Mud Program
 0-450' Fresh Water & Native Mud
 450-1780' Saturated Brine
 1780-5300' Cut Brine (70-80 K Chloride) & Starch
- C. BOP Will Be Installed (See Attached Sketch)

*Part ID-1
 10-2-92
 New Loc & API*

APPROVAL VALID FOR 180 DAYS
 PERMIT EXPIRES 3/29/92
 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.

SIGNATURE Michael S. Daugherty TITLE Vice President of Operations DATE 09/22/92
 TYPE OR PRINT NAME Michael S. Daugherty TELEPHONE NO. 214-953-1414

(This space for State Use) ORIGINAL SIGNED BY
 MIKE WILLIAMS
 SUPERVISOR, DISTRICT II
 APPROVED BY _____ TITLE _____ DATE SEP 29 1992
 CONDITIONS OF APPROVAL, IF ANY: