

Form 3160-3
(July 1989)
(formerly 9-331C)OFFICE FOR NUMBER
OF COPIES PREPARED
(Other instructions on
reverse side)BLM Roswell District
Modified Form No.
NMO60-3160-2UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☐DEEPEN ☐PLUG BACK ☒

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒OTHER ☐SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Murchison Oil and Gas, Inc.

3a. Area Code & Phone No.

(214) 953-1414

3. ADDRESS OF OPERATOR

1445 Ross Avenue, LB 152, Dallas, TX 75202-2733

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

1650' FNL & FEL Sec 10 T25S R26E Eddy County, NM

At proposed prod. zone

Same as surface

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE

18 miles south of Carlsbad, New Mexico

10. DISTANCE FROM PROPOSED

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT. 1650'

(Also to nearest drg. unit (line, if any))

18. DISTANCE FROM PROPOSED LOCATION

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

One well on
Lease

16. NO. OF ACRES IN LEASE

640

19. PROPOSED DEPTH

12006 TD

17. NO. OF ACRES ASSIGNED

TO THIS WELL 640

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RL, GR, etc.)

3384 GL

22. APPROX. DATE WORK WILL START

May 29, 1990

23. Existing ~~EXISTING~~ CASING AND CEMENTING PROGRAM

HOLE SIZE	CASING SIZE	WEIGHT/FOOT	GRADE	THREAD TYPE	SETTING DEPTH	QUANTITY OF CEMENT
9 1/2	7 5/8 "	26.4 & 29.7#/ft	S-95 & N-80	LT & C	8545	550 SX
6 1/2	5 "	28, 18 & 15#/ft	N-80	LT & C	8214-12006	525 SX

Propose to attempt recompletion in Atoka Zone at the following intervals, 10,798' to 10,804' and 10,978' to 10,988' and in the Strawn Zone from 10,678' to 10,692'. Well is currently perforated in the Morrow Zone at 11,558' to 11,951' and 11,834' to 11,966'. A CIBP will be set at 11,400' and spot 20' of cement on top of CIBP. The above zones will be perforated at the proposed intervals. Well is currently shut-in by sundry notice dated 03/14/88 filed by Mesa Operating Limited Partnership, the previous owner. The well currently has a packer stuck at 8243', which must be removed or pushed to bottom prior to being able to complete the proposed plug back and recompletion.

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED Michael S. Daugherty TITLE Production Engineer DATE 05/23/90
(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the