



00314705

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(Other instructions on
reverse side)

JUL 28 1977

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

Shenandoah Oil Corporation

3. ADDRESS OF OPERATOR

224 Republic Bldg., 1612 Tremont Pl., Denver Colo. 80202

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

At surface

1522' FWL, 604' FSL Sec. 32, T2S-R100W

At proposed prod. zone

Same

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

19 miles SE Rangley, Colorado

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

604' FSL

16. NO. OF ACRES IN LEASE

2533.02

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

.9 mile Northwest

19. PROPOSED DEPTH

3850'

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

6381' GR

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8"	29#	300	250 sx.
7 7/8	4 1/2"	10.5#	3850	300 sx.

1. Drill 12 1/4" hole using gel mud to depth 300'.
2. Run and cement 8 5/8", 29#, K-55, ST&C casing.
3. Drill using air or air mist to TD 3850'.
4. Load hole with mud, log and run 4 1/2" casing.
5. Cement to 500' above Castlegate.
6. Attempt Completion.

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.

24.

SIGNED

TITLE Petroleum Engineer

DATE

7-18-77

(This space for Federal or State office use)

PERMIT NO.

77-723

APPROVAL DATE

APPROVED BY

TITLE

DIRECTOR
U.S. GEOLOGICAL SURVEY

DATE

JUL 29 1977

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

A.P.I. NUMBER

05 103 80 74

DVR
FJP
HHM
JAM
JJB
RLS
CGM

05 103