

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-22199

5. LEASE DESIGNATION AND SERIAL NO.

LC 029387

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Shugart "D"

9. WELL NO.

10

10. FIELD AND POOL, OR WILDCAT

X Shugart 11-5R-4-4

11. SEC., T., R., M., OR B.L.
AND SURVEY OR AREA

Sec. 30 - 18S - 31E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

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

1500 Commerce Building - Fort Worth, Texas - 76102

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

At surface

Unit Letter "G"

1650' FNL and 1650' FEL Section 30 - 18S - 31E JUL 7 1977

At proposed prod. zone

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

14 miles SE of Loco Hills, New Mexico

O. C. C.
ARTESIA, OFFICE

15. DISTANCE FROM PROPOSED*

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

1650'

16. NO. OF ACRES IN LEASE

360

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, ~~XXXXXX~~ COMPLETED,
~~OR XXXXXXXX XXXXXXXX XXXXXXXX~~

900'

19. PROPOSED DEPTH

3,850

20. ROTARY OR CABLE TOOLS

Rotary

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

3,625' Gr

22. APPROX. DATE WORK WILL START*

June 15, 1977 (when rig
available)

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8"	24#	750	Circulate
7-7/8"	5-1/2"	14#	3,850	350

As this is an "inside" location, it is planned to drill well, set pipe,
and log inside casing.

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MAY 25 1977

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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

C. W. Downey, Jr.
C. W. Downey, Jr.

TITLE

Operations Superintendent

DATE

May 23, 1977

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

JUL 6 - 1977

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACTING DISTRICT ENGINEER

DATE

JUL 6 - 1977

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES OCT 6 - 1977

*See Instructions On Reverse Side

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-128
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

Operator SHENANDOAH OIL CORP.			Lease Shugart "D"		Well No. 10
Unit Letter G	Section 30	Township 18 S.	Range 31 E.	County Eddy	
Actual Well Location of Well:					
1650 feet from the North line and		1650 feet from the East line			
Ground Level Elev. 3625	Producing Formation Penrose - Grayburg	Pool Shugart	Estimated Acreage 40 Acres		

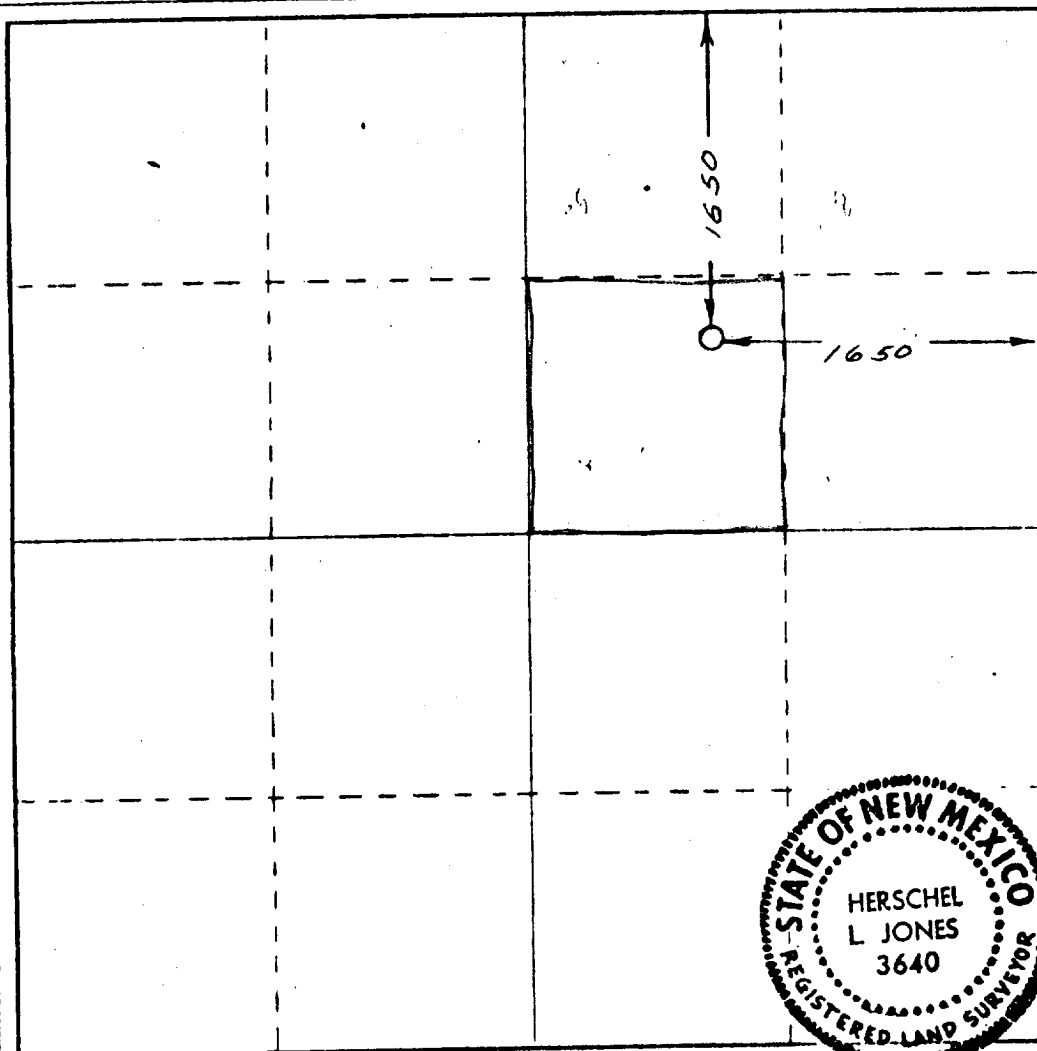
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

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 interests, has been approved by the Commission.

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CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

C. W. Downey, Jr.
Name **C. W. Downey, Jr.**
Position **Operations Supt.**

Company **Shenandoah Oil Corporation**

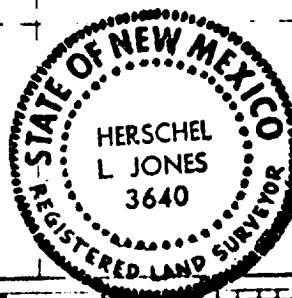
Date **May 23, 1977**

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.

Date Surveyed
May 16, 1977

Registered Professional Engineer
in Land and Surveying

Herschel L. Jones
Certificate No. **3640**



130 460 190 1320 1650 1990 2310 2640 2000 1800 1600 800 6



SHENANDOAH OIL CORPORATION

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MAY 23 1977

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

B. J. KELLENBERGER
PRESIDENT

1800 COMMERCE BUILDING
FORT WORTH, TEXAS 76102
817/332-7381
TWX 910 890 8023

May 23, 1977

United States Geological Survey
Conservation Division
South Rocky Mountain Area
c/o Geological Survey Office
Post Office Drawer "U"
Artesia, New Mexico 88210

Re: Shenandoah Oil Corporation
Application for Permit to
Drill Well in Unit "G", Sec-
tion 30-18S-31E, Eddy County,
New Mexico

Gentlemen:

In regard to the "Multi-Point Surface Use and Operation Plan" to be attached to Application for Permit to Drill the requirements to all lessees and operators of Federal Leases will be answered in this instrument in the order listed in your guidelines:

1. Existing roads and exits from main highways will be shown on Exhibit No. 1 (attached). One locatable reference point on Exhibit No. 1 is a pumping well on the east side of Highway No. 31 (6-1/4 miles south of State Highway No. 82) almost 1-1/4 miles east of proposed location. The number of this well is Shugart "A" (APCO) No. 1. The location of this well is Unit Letter "A", 660 feet FNL and 660 feet FEL, Section 29-18S-31E.

2. Planned access road to proposed location is shown on Exhibit No. 1 and will be approximately 12 feet wide and 600-700 feet long. Road will be surfaced, watered and compacted, and graded. No gates or fences will be needed.

3. Locations of existing producing and plugged wells are shown on Exhibit No. 1.

4. Locations of existing tank batteries, flow lines, buried injection lines are shown on Exhibit No. 2. The proposed flow line for the proposed well will be tied into an existing flow line and the oil will be produced into an existing tank battery. The proposed flow line will be laid along the proposed access road and an existing lease road. The proposed flow line will be approximately 1200-1300 feet long. Other than the flow line, no new production facilities will have to be constructed.

May 23, 1977

5. For water supply for drilling and cementing, it is planned to purchase the water from one of the water companies in the area and truck it to the proposed location over existing road shown on Exhibit No. 1.

6. The material used to construct the proposed access road and rig location will be dug from one of several existing pits in the area. One existing pit is located between Shenandoah's Shugart "A" No. 9 Well and Federal Keohane et al "A" No. 2 Well. The materials will be hauled over existing roads.

7. For handling waste disposal, we will dig a separate pit while making location. This pit will be large enough and deep enough to cover all waste material with a two-foot cover. The drilling fluid will be allowed to evaporate and dry up and will be covered up in the pit when location is cleaned up.

8. No air strip will be constructed. All permanent type structures in the area are shown on Exhibit No. 1.

9. Layout of rig, etc. will be shown on Exhibit No. 3. The location will be kept as small as possible to accomodate rig.

10. As soon as practical after the drilling and completion of the proposed well, all the pits and all areas other than the proposed access road and the compacted location will be cleaned and pits covered. This will be a very small amount of land and should create very little impact on the environment as the topography is mostly sand with very little vegetation and no large hillsides or gullies.

11. See No. 10 above for description of topography. The surface ownership of the land for the proposed location and proposed access road are all Federal. All occupied dwelling houses and other facilities are shown on Exhibit No. 1.

12. If approved, this total operation will be overseen by our District Superintendent, Mr. Dale Boland, Post Office Box 65, Loco Hills, New Mexico, 88255; office phone (505) 677-2233; home phone (505) 396-5593; mobile phone (505) 676-3380.

If he cannot be reached, please contact C. W. Downey, Jr., Operations Superintendent, 1500 Commerce Building, Fort Worth, Texas, 76102; office phone (817) 332-7381; home phone (817) 451-2039.

U. S. G. S.
Conservation Division
Artesia, New Mexico

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May 23, 1977

13. Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Shenandoah Oil Corporation and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

5-23-1977

C. W. Downey, Jr.
C. W. Downey, Jr., Operations Supt.

I hope that the plats and this letter will give you sufficient information to approve this Application to Drill. If you do need additional information, please call either Mr. Boland or myself at any of the phone numbers listed in the No. 12 part of this letter.

Respectfully yours,

SHENANDOAH OIL CORPORATION

C. W. Downey, Jr.
C. W. Downey, Jr.
Operations Superintendent

CWDJr:ah
Enclosures

cc: Dale Boland

0446651 1972

Lease Boundaries

Injection Well

Injection Pattern

Proposed Location

Existing Flow Line

Existing Tank Batteries

Keohane et al.

118

S 18 T

