

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TWO COPIES
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

L 029387(b)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Shugart "D"

9. WELL NO.

1

10. FIELD-AND POOL, OR WILDCAT

Shugart (Y, SR, Q, G.)

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 30, T18S, R31E

12. COUNTY OR PARISH 13. STATE

Eddy

N. Mexico

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL
WELL ☒GAS
WELL ☐OTHER ☐

Convert to Water Injection

2. NAME OF OPERATOR

Shenandoah Oil Corporation

3. ADDRESS OF OPERATOR

1018 Commerce Bldg., Fort Worth, Texas 76102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface2310' FNL and 2310' FEL, Section 30, T18S, R31E,
Eddy County, New Mexico

14. PERMIT NO.

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

Unknown

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

Convert to Water Input

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

T. D. 3829'. PBTD 3808'. Converted to water injection as follows:

1. Pulled rods and tbgs., ran sand pump and C.O. to T. D.
2. 9-11-68 Ran csg. collar and perforation log. Log showed well to be perforated 3387'-3402', 3620'-3630', and 3762-3778'.
3. On 9-11-68 perforated interval 3452'-3464' w/4 jets/ft.
4. Ran 2" EUE internally plastic coated tbgs. w/Baker down hole flow valves and packers unject selectively into the four sets of perforations.
5. Well readied for injection 10-16-68. At 10-17-68

Note: Attached is diagrammatic sketch showing packer setting depths
and other pertinent engineering data.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Supvr, Secondary Recovery DATE 10-25-68

(For use for Federal or State office use)

APPROVED BY 136
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

RECEIVED
OCT 29 1968
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

WELL PROFILE

C (ATOR Shenandoah
 WELL # D-1
 FIELD Shugart
 COUNTY Eddy
 STATE New Mexico
 DATE 10/9/68
☐ NEW COMPLETION ☒ WORKOVER

CASING

LINER

TUBING

1

2

3

SIZE

WEIGHT

GRADE

THREAD

DEPTH

Waterflood

EQUIPMENT AND SERVICES

3324' -- Size 45-B Baker Model "B" Tandem Tension Packer
 w/holddown (602-23) w/TK-69 plastic internally;
 3357' -- Size 2-3/8 (1.770 Reg.) Baker Model "BF" Full
 Opening Down Hole Flow Regulator 4' long;
 (600-34) w/TK-69 plastic internally & externally;
 3425' -- Size 45-B Baker Model "B" Tandem Tension Packer
 w/holddown (602-23) w/TK-69 plastic internally;
 3439' -- Size 2-3/8 (1.770 Reg.) Baker Model "BF" Full
 Opening Down Hole Flow Regulator 4' long;
 (600-34) w/TK-69 plastic internally & externally;
 3535' -- Size 45-B Baker Model "B" Tandem Tension Packer
 w/unloader (602-21) w/TK-69 plastic internally
 & externally;
 3589' -- Size 2-3/8 (1.770 Reg.) Baker Model "BF" Full
 Opening Down Hole Flow Regulator 4' long;
 (600-34) w/TK-69 plastic internally & externally;
 3716' -- Size 45-B Baker Model "A-1" Lok-Set Packer
 (646-12) w/TK-69 plastic internally;
 3751' -- Size 2-3/8 (1.770 Reg.) Baker Model "BF" Full
 Opening Down Hole Flow Regulator 4' long;
 (600-34) w/TK-69 plastic internally & externally;
 3797'

COMMENTS:

Packer set in 11,000# tension;

Fluid in well approx. 2700' when packers run;

Zero is 2' above ground level;

Slip type wellhead ----NOTE--The Lok-Set Packer
 will not go thru the undersized wellhead,
 (wellhead ID 4.760")Shenandoah Repr. --- Pat Bates -- Ft. Worth
 C.W. Downey - HobbsPREPARED BY
 M.R. Kruschke, Sr.OFFICE
 Odessa, Texas

PHONE

FE 7-2383

Regional Staff Technician

Worksheet
 No. 523

SAVE TIME AND MONEY WITH

Baker Oil Tools, Inc.

BAKER OIL TOOLS, INC.

HOUSTON LOS ANGELES NEW YORK

PRINTED IN U.S.A.

SHENANDOAH OIL CORPORATION

Shugart "D" Lease --

-- Well # D-1

Office 5132
 Equipment Tally

12/64
 240
 1/18

9/64
 140
 1/18

9/64
 175
 1/18

10/64
 240
 1/18

7/75
 1/18
 6th L

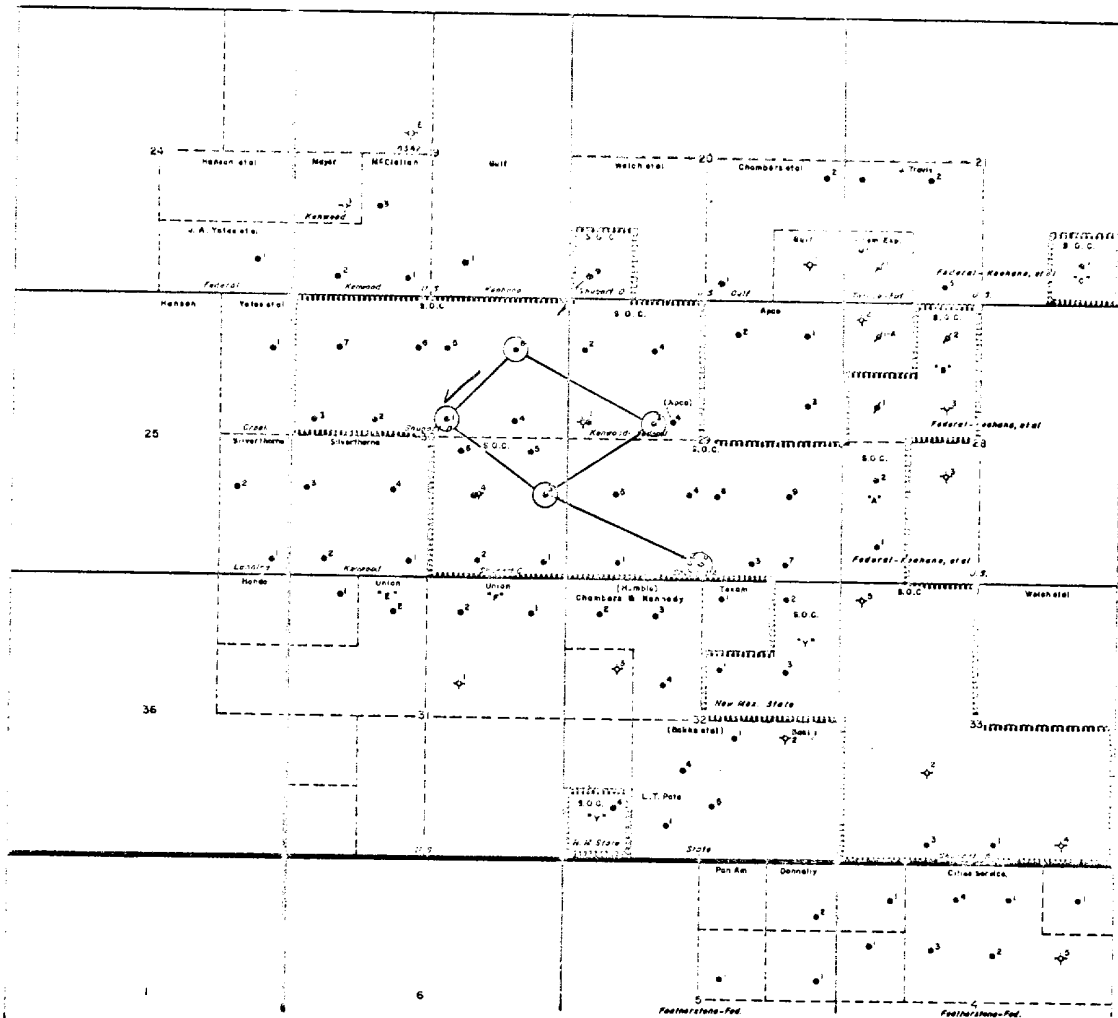
WELL INITIAL
 FLUIDS FINAL

ORIFICE SELECTION

QUANTITY SIZE (cu.)	FRESH WATER (551/day $\pm$ 10%)	FLOW RATE												COMMODITY NUMBER
		SALT WATER (551/day)												
		SPECIFIC GRAVITY												
		1.020	1.040	1.060	1.080	1.100	1.120	1.140	1.160	1.180	1.200			
55	54	54	53	53	52	52	52	51	51	50	01-89152-05			
80	79	78	78	77	76	76	75	74	74	73	01-89152-06			
115	114	113	112	111	110	109	108	107	106	105	01-89152-07			
140	139	137	136	133	133	132	131	130	129	128	01-89152-08			
175	173	172	170	168	167	165	164	162	161	160	01-89152-09			
240	238	235	233	231	229	227	225	223	221	219	01-89152-10			
270	267	265	262	260	257	255	253	251	249	246	01-89152-11			
320	317	314	311	308	305	302	300	297	295	292	01-89152-12			
380	376	373	369	366	362	359	356	353	350	347	01-89152-13			
440	436	431	427	423	419	416	412	409	405	401	01-89152-14			
500	495	490	486	481	477	472	468	464	460	456	01-89152-15			
585	559	554	549	544	539	534	529	525	520	516	01-39152-16			
625	619	613	607	601	596	591	585	580	575	571	01-89152-17			
680	683	677	670	664	659	652	646	641	635	630	01-89152-18			
770	762	755	749	741	734	727	721	715	709	703	01-89152-19			
830	842	834	826	818	810	803	796	789	782	776	01-89152-20			
930	920	912	903	895	887	879	871	864	856	849	01-89152-21			
1020	1010	1000	991	981	972	964	955	947	939	931	01-89152-22			
1110	1099	1088	1078	1068	1058	1049	1040	1031	1022	1013	01-89152-23			
1210	1198	1187	1175	1164	1154	1143	1133	1123	1114	1105	01-89152-24			
1310	1297	1285	1272	1260	1249	1238	1227	1216	1206	1196	01-89152-25			
1410	1396	1383	1360	1347	1335	1323	1311	1300	1289	1278	01-89152-26			
1510	1475	1461	1447	1434	1421	1408	1396	1383	1372	1360	01-89152-27			
1610	1534	1519	1504	1490	1506	1493	1480	1467	1454	1442	01-89152-28			
1710	1663	1647	1632	1616	1602	1587	1573	1560	1546	1534	01-89152-29			
1810	1767	1750	1734	1718	1702	1686	1672	1657	1643	1630	01-89152-30			
1910	1871	1853	1836	1819	1802	1786	1770	1755	1740	1725	01-89152-31			
2010	1980	1961	1942	1924	1907	1890	1873	1857	1841	1826	01-89152-32			
2110	2039	2069	2049	2030	2012	1994	1976	1959	1942	1926	01-89152-33			

R 30 E

R 31 E



-LEGEND-

DIFFERENT LEASE BOUNDARIES

SOC
SHENANDOAH OIL CORPORATION

FLOOD NO. 4
SHUGART
EDDY COUNTY, NEW MEXICO

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

JUNE, 1968