

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TR.
(Other instructio
verse side)DATE*
on re-Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

LC029387(b)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Shugart "C"

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Shugart (Y., SR, Q, G)

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA.30
Sec. 29, T18S, R31E

12. COUNTY OR PARISH

Eddy

13. STATE

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 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 surface1650' FSL and 330' FEL Section 29, 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. 3804' - PBTD 3725'. Well was converted to water injection as follows:

1. Pulled rods and tbg. 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 3640'-3656'.
3. On 9-11-68 perforated intervals 3422'-3434' and 3483'-3490' w/4 jet shots/ft.
4. Ran 2" EUE 8 Rd. tbg. w/Baker down hole flow valves and packers to selectively inject water into the three intervals 3422'-34', 3483'-90', and 3640'-56'.
5. Well readied for injection on 10-16-68.

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

T. P. Bator

TITLE Supvr., Secondary Recovery

DATE 10-25-68

(This space for Federal or State office use)

APPROVED BY

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

OPERATOR SHENANDOAH
 WELL # C-3
 FIELD Shugart
 COUNTY Eddy
 STATE New Mexico
 DATE 10/9/68
☐ NEW COMPLETION ☒ WORKOVER

	SING	LINER	TUBING		
			1	2	3
SIZE					
WEIGHT					
GRADE					
THREAD					
DEPTH					
- Waterflood					

EQUIPMENT AND SERVICES

3350'	-- Size 45-B Baker Model "B" Tandem Tension Packer w/ holddown (602-23) w/TK-69 plastic internally;
3386'	-- 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;
3452'	-- Size 45-B Baker Model "B" Tandem Tension Packer w/unloader (602-21) w/TK-69 plastic internally & externally;
3465'	-- 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;
3595'	-- Size 45-B Baker Model "A-1" Lok-Set Packer (646-12) w/TK-69 plastic internally;
3630'	-- 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;
3676'	

COMMENTS:

Packers set in 12,000# tension:
 Fluid in well approx. 3300' when packers were run:
 Slip type wellhead:
 Zero is 2' above ground level:

Shenandoah Repr. -- Pat Bates - Ft. Worth
 C.W. Downey - Hobbs

PREPARED BY M.R. Kruschke, Sr. OFFICE Odessa, Texas PHONE 915-FB7-2383
 Regional Staff Technician

Worksheet
 No. 523



SAVE TIME AND MONEY WITH
BAKER OIL TOOLS, INC.
 HOUSTON LOS ANGELES NEW YORK

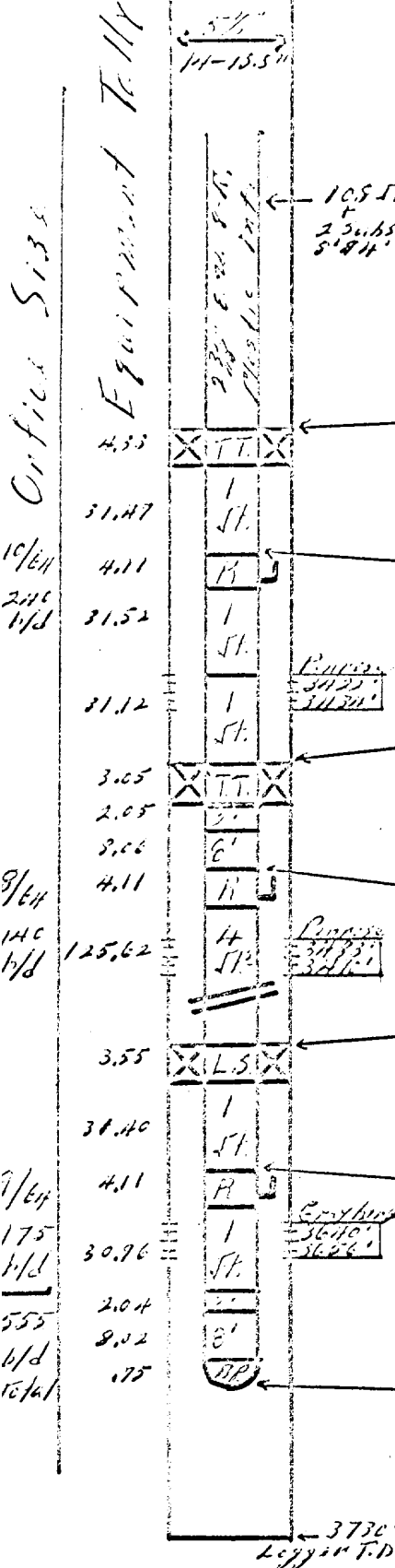
PRINTED IN U.S.A.

WELL INITIAL _____
 FLUIDS FINAL _____

SHENANDOAH OIL CORPORATION

Shugart "C" Lease --

-- Well # C-3



MODELS "BE" & "BF" FULL-OPENING
DOWN HOLE FLOW REGULATORS

ORIFICE SELECTION

ORIFICE SIZE (In.)	FRESH WATER (GSI/day ± 10%)	FLOW RATE										COMMODITY NUMBER
		SALT WATER (GSI/day)										
		SPECIFIC GRAVITY										
		1.020	1.040	1.060	1.080	1.100	1.120	1.140	1.160	1.180	1.200	
5/64	55	54	54	53	53	52	52	52	51	51	50	01-89152-05
6/64	80	79	78	78	77	76	76	75	74	74	73	01-89152-06
7/64	115	114	113	112	111	110	109	108	107	106	105	01-89152-07
8/64	140	139	137	136	135	133	132	131	130	129	128	01-89152-08
9/64	175	173	172	170	168	167	165	164	162	161	160	01-89152-09
10/64	240	238	235	233	231	229	227	225	223	221	219	01-89152-10
11/64	270	267	265	262	260	257	255	253	251	249	246	01-89152-11
12/64	320	317	314	311	308	305	302	300	297	295	292	01-89152-12
13/64	380	376	373	369	366	362	359	356	353	350	347	01-89152-13
14/64	440	436	431	427	423	419	416	412	409	405	401	01-89152-14
15/64	500	495	490	486	481	477	472	468	464	460	456	01-89152-15
16/64	565	559	554	549	544	539	534	529	525	520	516	01-89152-16
17/64	625	619	613	607	601	596	591	585	580	575	571	01-89152-17
18/64	690	683	677	670	664	659	652	646	641	635	630	01-89152-18
19/64	770	762	755	749	741	734	727	721	715	709	703	01-89152-19
20/64	850	842	834	826	818	810	803	796	789	782	776	01-89152-20
21/64	930	920	912	903	895	887	879	871	864	856	849	01-89152-21
22/64	1020	1010	1000	991	981	972	964	955	947	939	931	01-89152-22
23/64	1110	1099	1088	1078	1068	1058	1049	1040	1031	1022	1013	01-89152-23
24/64	1210	1198	1187	1175	1164	1154	1143	1133	1123	1114	1105	01-89152-24
25/64	1310	1297	1285	1272	1260	1249	1238	1227	1216	1206	1196	01-89152-25
26/64	1400	1386	1373	1360	1347	1335	1323	1311	1300	1289	1278	01-89152-26
27/64	1490	1475	1461	1447	1434	1421	1408	1396	1383	1372	1360	01-89152-27
28/64	1580	1563	1549	1534	1520	1506	1493	1480	1467	1454	1442	01-89152-28
29/64	1680	1663	1647	1632	1616	1602	1587	1573	1560	1546	1534	01-89152-29
30/64	1785	1767	1750	1734	1718	1702	1686	1672	1657	1643	1630	01-89152-30
31/64	1890	1871	1853	1836	1819	1802	1786	1770	1755	1740	1725	01-89152-31
32/64	2000	1979	1961	1942	1924	1907	1890	1873	1857	1841	1826	01-89152-32
33/64	2110	2089	2069	2049	2030	2012	1994	1976	1959	1942	1926	01-89152-33

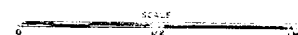
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231 E



00000000 LEASE BOUNDARIES

FLOOD NO. 4
SHUGART
EDDY COUNTY, NEW MEXICO



JUN 2, 1963