

N. M. O. C. C. COPY SUBMIT IN DUPLICATE*

Form approved.
Budget Bureau No. 42-R355.5.UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(See : In-
struc : on
reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

LC 029387 (C)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Kenwood Fed.

9. WELL NO.

5

10. FIELD AND POOL, OR WILDCAT

Shugart (SP-6-6)

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

Sec. 29-18S-31E

12. COUNTY OR
PARISH

Eddy

13. STATE

N. M.

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

Shenandoah Oil Corporation ✓

JUN 30 1978

3. ADDRESS OF OPERATOR

P. O. Box 4534, Odessa, Texas 79760

O. C. C.

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

At surface Unit "E" - 1650' FNL & 990' FWL - Sec. 29-18S-31E

At top prod. interval reported below

At total depth Same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED 5-6-78 16. DATE T.D. REACHED 5-13-78 17. DATE COMPL. (Ready to prod.) 5-24-78 18. ELEVATIONS (DF, R&B, RT, GR, ETC.)* 3,627 GR. 19. ELEV. CASINGHEAD 3,629

20. TOTAL DEPTH, MD & TVD 3,855' 21. PLUG, BACK T.D., MD & TVD 3,845' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY Rotary 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Penrose - 3402 - 3475 Grayburg - 3745 - 3785 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Cement Bond Log & Compensated Neutron

27. WAS WELL CORED

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	748	11"	350 Sks.	none
5 1/2"	14#	3845	7 7/8"	1300 Sks.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	3750	---

31. PERFORATION RECORD (Interval, size and number)

Penrose: 3408'-3420' and 3424'-3434'
w/2 JSPF
Grayburg: 3754'-3762' and 3772'-3784'
w/2 JSPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3408-3434	1000 Gal. 15% NE Acid; Frac w/40,000 Gal. Gelled water & 48,000# Sand.
3754-3784	1,000 Gal. 15% NE Acid; Frac w/30,000 Gal. Gelled water & 30,000# Sand

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
6-20-78		Pumping - 2 1/2 X 2 X 16				Prod.	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6-25-78	24	---	→	35	20	215	570
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
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34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Used for fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Two logs - Cement Bond Logs & Compensated Neutron Logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

C. M. Darrin

TITLE

Division Manager

DATE

6-26-78

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws 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. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

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 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Penrose	3402	3475	Oil & Water	Top Salt	765	
Grayburg	3745	3785	Oil & Water	Base Salt	1840	
				Top Yates	2325	
				Top Queens	3162	
				Top Penrose	3402	
				Top Grayburg	3745	