

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE*

(See instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.**WELL COMPLETION OR RECOMPLETION REPORT AND LOG***

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

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 Sec.30-18S-31E

At top prod. interval reported below

Same

At total depth

Same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

8-10-77

16. DATE T.D. REACHED

8-24-77

17. DATE COMPL. (Ready to prod.)

10-7-77 *Injection Well*

18. ELEVATIONS (DF, REB, RT, GR, ETC.)*

3625 Gr

19. ELEV. CASINGHEAD

3625

20. TOTAL DEPTH, MD & TVD

3840

21. PLUG, BACK T.D., MD & TVD

3832 3529

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

~~None~~ all zones produced water*inj. well 3408-3476*25. WAS DIRECTIONAL SURVEY MADE
Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Compensated Neutron - Cement Bond Log

27. WAS WELL CORED

No

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#	756	11"	300 sks - circ.	None
5-1/2"	14#	3840	7-7/8"	1100 sks	None
				Top cement 1,034'	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	3343	3343

31. PERFORATION RECORD (Interval, size and number)

3760-75' - 2 JSPF - Grayburg
 3408-3415'; 3424-28'; 3430-34'; 3472-76' -
 2 JSPF - Penrose
 3569-75'; 3585-92' - 2 JSPF - Upper Grayburg

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
Grayburg	1000 gals 15% NE acid
Penrose	1250 gals 15% NE acid
Upper Grayburg	1000 gals 15% NE acid

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

35. LIST OF ATTACHMENTS

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

SIGNED

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

TITLE

Operations Superintendent

DATE September 6, 1977

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