

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM 7814

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

NA

8. FARM OR LEASE NAME

Federal "L"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undesignated

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

Sec. 21-T6S-R27E

12. COUNTY OR
PARISH

Chaves

13. STATE

New Mexico

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

1980' FEL & 660' FNL of Section 21-T6S-R27E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

11-9-70

16. DATE T.D. REACHED

12-6-70

17. DATE COMPL. (Ready to prod.)

12-22-70

GR 4073', KB 4084'

19. ELEV. CASINGHEAD

4073'

20. TOTAL DEPTH, MD & TVD

6350'

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

6308'

22. IF MULTIPLE COMPL.,
HOW MANY*

Single Completion

23. INTERVALS
DRILLED BY

ROTARY TOOLS

0-6350'

CABLE TOOLS

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

5804-5922' Cisco

26. TYPE ELECTRIC AND OTHER LOGS RUN

Sonic, GR/Sidewall Neutron, Micro-Microlaterolog & Laterolog-9

27. WAS WELL CORED

Yes

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48#	30'	17 1/2"	4 yards Readymix	None
8 5/8"	24#	1350'	11 "	650 sx. HOWCO Light wgt. & 200 sx. Incor. cmt. circulated	None
4 1/2"	9.5 & 10.5#	6350'	7 7/8"	360 sx. Chem Comp.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
	NONE				2 3/8"	5725'	5725'

31. PERFORATION RECORD (Interval, size and number)

5804-05', 5814-24', 5872-73', 5880-88' &
5911-22' w/2 JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
As in Item 31	2250 Gallons 15% BDA Acid

33.*

PRODUCTION

DATE FIRST PRODUCTION

12-17-70

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

Flowing

WELL STATUS (Producing or
shut-in)

SI

DATE OF TEST

12-22-70

HOURS TESTED

2

CHOKE SIZE

20/64"

PROD'N. FOR
TEST PERIOD

24

OIL—BBL.

2

GAS—MCF

291,660

WATER—BBL.

2

GAS-OIL RATIO

145,830

FLOW. TUBING PRESS.

1830

CASING PRESSURE

-0-

CALCULATED
24-HOUR RATE

24

OIL—BBL.

24

GAS—MCF

3,500,250

WATER—BBL.

24

OIL GRAVITY-API (CORR.)

65.2

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

Shut-in, waiting on Gas Sales Connection

TEST WITNESSED BY

Billy Gover

35. LIST OF ATTACHMENTS

4 pt. AOF, Logs as in Item 26 & Core Analysis.

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

SIGNED

R. L. Nabbefeld

TITLE

Manager, Drilling -
Primary Operations

DATE

December 29, 1970

*(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	TOP MEAS. DEPTH TRUE VERT. DEPTH
Cisco	5804	5922	Gas and Condensate	San Andres	1270
Core #1	5792	5843		Clarietta	2438
Core #2	5866	5916		Tubb	3850
				ABO	4519
DST #1:	5786-5866'		Cisco. 5 min. preflow w/GTS in 2 min., SI 45 min., T.O. 25 min. & flwd. @ rate of 6,000 MCFD w/FTP 900#, SI 60 min., re-opened tool for 90 min. on 16/64" ck & flwd @ rate of 2,800 MCFD w/FTP 1925# w/spray of Dist. & Wtr. SI 3 hrs., Rec. 395' Salty Wtr w/hr. of Dist. on top, IFFP 1022# (5 min. preflow), 1st SIP 2393#/45 min., 2nd FP 1552#, 2nd SIP 2393#/60 min., FFP 2315#/90 min., FSIP 2393#/3 hrs., IHP 3013# FHP 2962#, MFE. Rec. 12.4 CFG & 360cc Salty Wtr & No Dist. @ 1000#.	Wolfcamp	5210
				Cisco	5778'
DST #2:	5876-5916'		Cisco, 5 min. preflow w/strong blow, SI 45 min., T.O. 1 hr w/GTS immediately - TSTM, SI 1 1/2 hrs., Rec. 95' hvly GCM, IHP 3029#, FHP 2978#, IFFP 61#, No ISIP recorded as tool was not completely SI, FFP 48#/60 min., FSIP 1501#/90 min., MFE Rec. 1.2 CFG & 2060cc hvly GCM.	Montoya	6225