

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYForm approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

LC-064637A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

14-08-001-6453

Henshaw Deep Unit

8. FARM OR LEASE NAME

Henshaw Deep Unit

9. WELL NO.

13

10. FIELD AND POOL, OR WILDCAT

Henshaw-Holicamp

11. SEC. T. R. M. OR BLOCK AND SURVEY
OR AREASection 23, T-16-S, R-30-E
NMFM

12. COUNTY

Eddy

13. STATE

New Mexico

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

Shell Oil Company - Western Division

3. ADDRESS OF OPERATOR

P. O. Box 1509, Midland, Texas 79704

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

At surface 660' FSL & 1980' FSL (SW/4 NE/4) Section 23, T-16-S,

R-30-E, NMFM Survey, Eddy County, New Mexico

At top prod. interval reported below

At total depth

660'

14. PERMIT NO.

DATE ISSUED

15. DATE SPUNDED

7-29-65

16. DATE T.D. REACHED

10-1-65

17. DATE COMPL. (Ready to prod.)

10-7-65

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

3844' DF

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

8950'

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

8897'

22. IF MULTIPLE COMPL.,

HOW MANY*

RECEIVED

23. INTERVALS

ROTARY TOOLS

CABLE TOOLS

DEPT - 8950'

0' - 520'

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

8683' - 8763'

OCT 18 1965

25. WAS DIRECTIONAL

SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR/N, DIL, & Proximity - ML

D. C. C.

ARIZONA OFFICE

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
11 3/4"	42#	524'	15"	500	
8 5/8"	32#	3090'	11"	1000	
5 1/2"	15.5# & 17#	8954'	7 7/8"	350	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2"	8708'	U. 8705'

31. PERFORATION RECORD (Interval, size and number)

8683', 8685', 8693', 8695', 8720', 8726',
8729', 8735', 8739', 8755', 8759', 8763'

(Total 12 holes)

1 1/2" J&PT

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8683' - 8763'	300 gallons MCA
8683' - 8763'	2000 gallons 15% NEA

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
October 7, 1965		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-7-65	24	11/64"	→	184	523	0	2842
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
1200	-	→	184	523	0	42.1 deg.	

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

sold

TEST WITNESSED BY

A. W. Humphreys

35. LIST OF ATTACHMENTS

none

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

Acting District

SIGNED Original Signed By C. R. Coffey TITLE Exploitation Engineer

DATE October 11, 1965

*(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			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Wolfcamp	8670'	8622'	Limestone, Gray, White, Dense 8713.5' - 8722' Large Vugs 8722' - 8740' Good porosity 8750' - 8754' Pinpoint porosity 8779' - 8783' Interbedded w/Black Shale 8785' - 8804' Interbedded w/Black Shale 8810' - 8819' Interbedded w/Black Shale	Yates (see) San Andres Glorieta 750 Wolfcamp Lower Wolfcamp Marker	1476' 2307' 3012' 4463' 6476' 7695' 8960'	(+2366') (+2537') (+632') (-429') (-2632') (-3654') (-4716')