

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM 17098

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

None

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Shell Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Winchester, Wolfcamp, Atoka
Morrow11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec. 1, T20S, R28E

12. COUNTY OR
PARISH

Eddy

13. STATE

New Mexico

1a. TYPE OF WELL:

OIL

WELL

GAS

WELL

DRY

Other

b. TYPE OF COMPLETION:

NEW
WELLWORK
OVERPREP-
ENPLUG
BACKDIFF.
RESVR.

Other

RECEIVED

JAN 10 1974

O. C. C.
OFFICE

2. NAME OF OPERATOR

Underwood and Williamson

3. ADDRESS OF OPERATOR

Box 16, Midland, Texas 79701

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

At surface 1980 FNL, 660 FWL Sec. 1-T20S, R28E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

April 19, 1973

15. DATE STUDDED

5/5/73

16. DATE T.D. REACHED

June 22, 1973

17. DATE COMPL. (Ready to prod.)

Plugged 6/23/73

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

GL 3272

19. ELEV. CASINGHEAD

3266

20. TOTAL DEPTH, MD & TVD

11,375

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

Dry - plugged

22. IF MULTIPLE COMPL.,
HOW MANY*

Dry

23. INTERVALS
DRILLED BY

→

ROTARY TOOLS

Total

CABLE TOOLS

None

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

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Compensated Neutron, Formation Density

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
13-3/8		298'	16"	300 sacks class C	None
9-5/8		2880'	12 1/4"	850 sx Class C	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					None		

31. PERFORATION RECORD (Interval, size and number)

None

32. CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
None	

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or - shut-in)	
Dry								
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.)						TEST WITNESSED BY		

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

TEST WITNESSED BY

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

TITLE

Partner

DATE Jan. 3, 1974

*(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, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the method of completion, 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 or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

Item 22: 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 24: 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 33: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other reports on this form and in any attachments.

Item 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 33: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. (See instruction for items 22 and 24 above.)

Item 33: Submit a separate completion report on this form for each interval to be separately produced.

27. SUMMARY OF POROUS ZONES:

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	28. GEOLOGIC MATERIALS	
				NAME	MEAS. DEPTH TOP TRUE VERT. DEPTH
Goat Sheep Reef	1320	2700	Cavernous reef material	Top salt	650 +2635
				Top Tansell	805 +2480
				Top Yates	1010 +2275
				Top Reef	1320 +1965
				Delaware Sand	3400 - 115
				Third Bone	
				Springs	8540 -5255
				Wolfcamp	9100 -5815
				Strawn	10,155 -6870
				Atoka Morrow	10,610 -7325
				Barnett	11,350 -8062
Delaware Sand	3402	4600	Sand Streaks, some porous		
			SEE ATTACHED DST CHARTS		