

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.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.

0381550-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Willbanks Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Section 24, T19S, R34E

12. COUNTY OR PARISH

Lea

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 **Plug & Abandon**

2. NAME OF OPERATOR

H. L. Brown, Jr.

3. ADDRESS OF OPERATOR

309 Midland Tower, Midland, Texas 79701

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

At surface 1980' FNL & 760' FEL, Section 24, T19S, R34E

At top prod. interval reported below

At total depth 1980' FNL & 760' FEL, Section 24, T19S, R34E

14. PERMIT NO.

DATE ISSUED

4-18-73

15. DATE SPUDDED

4-28-73

16. DATE T.D. REACHED

5-30-73

17. DATE COMPL. (Ready to prod.)

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

3827' GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

10,350'

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

22. IF MULTIPLE COMPL. HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS 0 - TD

CABLE TOOLS

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

Sidewall Neutron & Dual Induction

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
11-3/4"	42#	405' RTM	17"	595 sxs Class "H"	None
8-5/8"	32# & 24#	4000'	11"	400 sxs Class "C"	1450'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
							P+H	
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

35. LIST OF ATTACHMENTS

4 copies of DST information, 2 copies of each log run, 1 copy of each DST chart, 5 copies 9-330

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

SIGNED **B. D. Baker** TITLE **Petroleum Engineer**

DATE **June 21, 1973**

*(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	TOP MEAS. DEPTH TRUE VERT. DEPTH
Redbeds	0	1,800		Anhydrite	1,803' +2037
Salt & Anhydrite	1,800	3,475		Yates	3,475' + 365
Dolomite & Anhydrite	3,475'	5,000		Queen	4,800' - 960
Dolomite & Sand	5,000	6,500		Pen Rose	5,064' -1224
Sand with lime	6,500	8,500		San Andres Porosity	5,825' -1985
Lime, sand & shale	8,500	10,350		Bone Springs	8,220 -4380
				"B" Zone	9,790' -5950'
				"D" Zone	10,278' -6438

H. L. BROWN, JR.
WILBANKS FEDERAL #1
Lea County, New Mexico
0381550-A

DST #1 5820' - 5950'.

Open 10 minutes on pre-flow. Initial shut in 1-1/2 hours, open 1 hour, final shut in 2 hours. Weak blow, died in 30 minutes. Recovered 10' free oil, 15' drilling water, 60' gas in drill pipe. Sample chamber contained: 180 cc oil, 35 deg. gravity, 1720 cc water, 2000 PPM. Pit sample: 1600 PPM. Resistivity of recovered water 1.10 at 92 deg. Pit sample 1.7 at 83 deg. IH 2609, IF 79, ISI 270/1-1/2 hours, FFP 91, FSIP 194/2 hours. FH 2609.

DST #2 6130' - 6180'.

Tool open 10 minutes on first flow and 1 hour on second flow. Weak blow on first flow and no blow on second flow. Recovered 707' drilling water, 1700 PPM Chlorides, sample chamber contained 2500 cc drilling water. Pit sample chlorides 1700 PPM. IH 2671, IF 388, 1-1/2 hour ISI 1765, FF 388, 2 hour FSIP 1612, FH 2671. Temperature 121 deg.