

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.  
**LC - 029512-A**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
\_\_\_\_\_

7. UNIT AGREEMENT NAME  
\_\_\_\_\_

8. FARM OR LEASE NAME  
**Wallen Federal**

9. WELL NO.  
**1**

10. FIELD AND POOL, OR WILDCAT  
**Undesignated**

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
**20, T 20 S, R34 E**

12. COUNTY OR PARISH  
**Lea**

13. STATE  
**New Mexico**

1. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

2. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR  
**Wallen Production Company (Walter W. Krug DBA)**

3. ADDRESS OF OPERATOR  
**308 North Colorado Street, Suite #4, Midland, TX 79701**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface **330' FNL & 330 FWL Section 20, T 20, S, R 34 E**  
**Lea County, New Mexico**  
At top prod. interval reported below  
**Same as above cabletool hole**  
At total depth  
**Same as above cabletool hole**

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED \_\_\_\_\_

15. DATE SPUDDED **7-28-1971** 16. DATE T.D. REACHED **9-14-1971** 17. DATE COMPL. (Ready to prod.) **10-1-1971** 18. ELEVATIONS (OF, RKB, RT, OR ETC.)\* **3635** 19. ELEV. CASINGHEAD **3635**

20. TOTAL DEPTH, MD & TVD **3606' Cabletool** 21. PLUG, BACK T.D., MD & TVD **3602'** 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_ 23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS \_\_\_\_\_ CABLE TOOLS **X**

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* **Same on a cabletool** 25. WAS DIRECTIONAL SURVEY MADE **No**

26. TYPE ELECTRIC AND OTHER LOGS RUN **Gamma Ray Acoustic Log** 27. WAS WELL CORED **No**

23. 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"	54	85	15	Mudded In	85'
10 3/4"	32 3/4	667	12 1/4	Mudded In	667'
8 5/8"	20 & 24	1483	10	423 sks	—
7	20	3159	8	251 sks	—

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
4 1/2"	2981	3606	102 sks	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	3559	none

31. PERFORATION RECORD (Interval, size and number)

3557 = 3	3352 = 4
3525 = 3	
3423 = 3	(Used 0.625" holes)
3377 = 3	
3355 = 3	

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3557-3525	2000 gals acid
3423-3352	24,000# sand 10/40

33.\* PRODUCTION

DATE FIRST PRODUCTION **10-1-1971** PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) **Pumping, flowing** WELL STATUS (Producing or shut-in) **producing**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-1-1971	12	24/64	→	42	48	None	1,150/1

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORE.)
30	70	→	84	96	none	34.0

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) **To be used for fuel and to be sold** TEST WITNESSED BY **Walter W. Krug**

35. LIST OF ATTACHMENTS  
**Gamma Ray Acoustic Log**

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

SIGNED **Walter W. Krug** TITLE **Engineer** DATE **10-13-1971**

\*(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.
		MEAS. DEPTH	TOP TRUE VERT. DEPTH
Yates	3330	3410	sand Anhydrite Top of salt Base of Salt Yates Seven Rivers
	3425	3430	Fine to coarse, gray friable quartz As above
	3485	3495	As above
	3560	3570	As above
Seven Rivers	3600	3606	Vuggy white dolomite

RECEIVED

OCT 10 1971  
OIL CONSERVATION COMM.  
HOBBES, N. M.