

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on  
reverse side)COPY TO SM  
NMOCC COPY  
Budget Bureau No. 42-R355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> Other <input type="checkbox"/>		7. UNIT AGREEMENT NAME <u>Lechuguilla Canyon Unit</u>	
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RENVR. <input type="checkbox"/> Other <input type="checkbox"/>		8. FARM OR LEASE NAME <u>Undesignated</u>	
2. NAME OF OPERATOR <u>W. A. Moncrief, Jr.</u>		9. WELL NO. <u>5</u>	
3. ADDRESS OF OPERATOR <u>Moncrief Building, 9th &amp; Commerce, Fort Worth, Texas 76102</u>		10. FIELD AND POOL, OR WILDCAT <u>Undesignated</u>	
4. LOCATION OF WELL (Report location clearly and in accordance with instructions on reverse side) At surface <u>2310' FNL and 1980' FWL</u> At top prod. interval reported below At total depth <u>Same</u>		11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA <u>Sec. 15-T24S-R24E</u>	
14. PERMIT NO. <u>ARTESIA, NEW MEXICO</u>		12. COUNTY OR PARISH <u>Eddy</u>	
13. STATE <u>New Mexico</u>		15. DATE SPUEDDED <u>6/20/77</u>	
16. DATE T.D. REACHED <u>7/31/77</u>		17. DATE COMPL. (Ready to prod.) <u>7-31-77</u>	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* <u>4387.9' OR</u>		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD <u>10,800'</u>		21. PLUG, BACK T.D., MD & TVD	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY <u>10,800'</u>	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*		25. WAS DIRECTIONAL SURVEY MADE <u>No</u>	
26. TYPE ELECTRIC AND OTHER LOGS RUN <u>Compensated neutron formation density logs. Dual lateral logs. Micro-SFL.</u>		27. WAS WELL CORED <u>No</u>	
29. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
<u>13 3/8"</u>	<u>48 lbs.</u>	<u>356'</u>	<u>16"</u>
<u>8 5/8"</u>	<u>24 lbs.</u>	<u>2700'</u>	<u>11 1/2"</u>
CEMENTING RECORD		AMOUNT PULLED	
<u>275 sx. cmt. &amp; 8 yds. RM.</u>		<u>None</u>	
<u>1200 sx. cmt.</u>		<u>None</u>	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
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)			
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD
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			

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

SIGNED Edward N. Lucking TITLE Vice-President, Oil & Gas Administrative Services Co., DATE 8/9/77  
Edward N. Lucking Agent for W. A. Moncrief, Jr.

\*(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 POROSITY ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORRELATE INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION TEST, TIME TOOL, OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	GEOLOGIC MARKERS	
					MEAS. DEPTH	TRUE VERT. DEPTH
						TOP
				Delaware	3192'	
				Bone Springs Lime	4620'	
				1st Bone Sprg. Sand	4930'	
				2nd Bone Sprg. Sand	5036'	
				3rd Bone Sprg. Sand	5200'	
				Wolfcamp Lime	5694'	
				Penn Lime	6256'	
				Lower Strawn	9414'	
				Atoka	9745'	
				Morrow Lime	9994'	
				Morrow Clastics	10262'	
				Barnett Shale	10662'	