

N.M.O.G.D. COPY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	Other _____		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other _____
2. NAME OF OPERATOR Holly Energy Inc. ✓						5. LEASE DESIGNATION AND SERIAL NO. LC-057634	
3. ADDRESS OF OPERATOR P.O. Box 726 Artesia, New Mexico 88210						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 990 FSL 2310 FEL Sec 20 T-17S R-30E At top prod. interval reported below At total depth same						7. UNIT AGREEMENT NAME McIntyre A. MAR 8 1981	
14. PERMIT NO.						DATE ISSUED	
15. DATE SPUDDED 6-29-80						16. DATE T.D. REACHED 7-11-80	
17. DATE COMPL. (Ready to prod.) 2-1-81						18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3613.5 GR	
19. ELEV. CASINGHEAD 3614.5						20. TOTAL DEPTH, MD & TVD 4700	
21. PLUG, BACK T.D., MD & TVD 3250						22. INTERVALS COMPLETED PETER W. CHESTER MAR 24 1981	
23. INTERVALS DRILLED BY Surf-TD						24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* San Andres 3092'-3097	
25. WAS DIRECTIONAL SURVEY MADE No						26. TYPE ELECTRIC AND OTHER LOGS RUN DLL/ML CDL/CNL CBL/GR	
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
8-5/8	24#	510'	11"	215 Class C			none
4 1/2	10.50#	4700'	7-7/8	2777 sacks			none
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8	3090	
31. PERFORATION RECORD (Interval, size and number) 3092-3097 w/2 shots per foot .50 dia				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED SEE ATTACHED SHEET			
33.* PRODUCTION							
DATE FIRST PRODUCTION 2-1-81		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) pumping 1 1/2 x 10				WELL STATUS (Producing or shut-in) producing	
DATE OF TEST 10-2-80	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL. 9	GAS—MCF. 16 MCF/D	WATER—BBL. 5	GAS-OIL RATIO 1778
FLOW. TUBING PRESS. -	CASING PRESSURE 12#	CALCULATED 24-HOUR RATE →	OIL—BBL. 9	GAS—MCF. 16 MCF/D	WATER—BBL. 5	OIL GRAVITY-API (CORR.) 35.1	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) vented						TEST WITNESSED BY Bob Loyd	
35. LIST OF ATTACHMENTS 2- degree of inclination- 2-DLL 2- CNL 2-CBL & GR							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED Robert Loyd		TITLE Superintendent		DATE 3-18-81			

\*(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 32.

**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; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION TEST, 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
				Yates	1190	2423.5
				Seven Rivers	1595	2018.5
				Queen	2155	1458.5
				San Andres	2930	683.5
				Glorieta	4390	-776.5
				Paddock	4465	-851.5