

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(If 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 ☒ GAS WELL ☐ DRY ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. CESVR. ☐ Other OIL & GAS

2. NAME OF OPERATOR Holly Energy Inc. U.S. GEOLOGICAL SURVEY
ROSWEIL, NEW MEXICO

3. ADDRESS OF OPERATOR

P.O. Box 726 Artesia, New Mexico 88210

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

At surface 990 FNL & 330 FEL Sec 3 T-18S R-30E

At top prod. interval reported below

At total depth

same

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 19. ELEV. CASINGHEAD

7-30-81

8-7-81

10-12-81

3570.2 GR

3571.2

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPLETIONS HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE

3800

3663

0-TD

3540-54 3558-62 San Andres--Lovington

26. TYPE ELECTRIC AND OTHER LOGS RUN

D11/M11 CN/CDL/GR CBL

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#	516'	12 1/4"	325 Sacks Class C 2% cact	none
4-1/2"	10.5#	3796'	7-7/8	DV tool @ 2930'	none
				1st stage 250 sacks 65/35 poz	
				2nd stage 400 sacks RFC 3% cact.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8	3628	---

31. PERFORATION RECORD (Interval, size and number)

3540-54 2 SPF .50 dia. 36 holes
3558-62

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3540-62	1600 gl 15% acid
	30,000 gl GW 30,000# 20/40
	10,000# 10/20 sand

33.* PRODUCTION

35.

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
10-12-81		Pumping					pmp	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
10-12-81	24	--	→	38	TSTM	92	tstm	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.		WATER—BBL.	OIL GRAVITY-API (CORR.)	
	0	→	38	TSTM		92	36.0	

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

vented

DEC 14 1981

TEST WITNESSED BY

Bob Loyd

35. LIST OF ATTACHMENTS

2-deviation survey 2-DLL/M11/GR 2-CN S. GEOLOGICAL SURVEY

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 10-20-81

*(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. It is 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 labeled as to the item to which they apply.

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:				38. GEOLOGIC MARKERS			
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DAILY-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES							
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP		
					MEAS. DEPTH	TRUE VERT. DEPTH	
San Andres	3424	3448	Perf 3424-33 3439-48 2-SPF acidize w/2000 g1 15% HCL recovered trace of oil-Frac w/20,000 g1 GW 30,000# 20/40 sand 10,000#-10/20 sand, recovered 100% formation water-squeezed perf. 3424-48 w/150 sacks Class C 150 sacks Class H	Yates	1546	2024.2	
				Seven Rivers	1927	1643.2	
				Queen	2537	1063.2	
Premier	3312	3330	Perf 3312-3330 2 SPF--acidize w/ 2500 g1 15% HCL and test. Producing formation water Squeeze off perf w/300 sacks Class C and 300 sacks Class H.	San Andres	3330	240.2	