

P. O. BOX 1830
HOBBS, NEW MEXICO 88240UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.

NM-28881

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Vaca Ridge "30" Fed Com

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Pitchfork Ranch (Morrow)

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

Sec. 30, T-24-S, R-34-E

12. COUNTY OR
PARISH

Lea

13. STATE

N.M.

1a. TYPE OF WELL:

OIL
WELL ☐GAS
WELL ☒DRY ☐

Other

b. TYPE OF COMPLETION:

NEW
WELL ☒WORK
OVER ☐DEEP-
EN ☐PLUG
BACK ☐DIFF.
CESVR. ☐

Other

2. NAME OF OPERATOR

Southland Royalty Company

3. ADDRESS OF OPERATOR

21 Desta Drive, Midland, Texas 79705

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

At surface 1980' FSL & 1980' FWL, Sec. 30, T-24-S, R-34-E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

9-12-84

16. DATE T.D. REACHED

12-10-84

17. DATE COMPL. (Ready to prod.)

12-22-84

18. ELEVATIONS (DF, R&B, RT, GR, ETC.)*

3536.4' GR

19. ELEV. CASINGHEAD

-

20. TOTAL DEPTH, MD & TVD

15,505'

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

15,450'

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

XX

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

14,854-15,166' Morrow

25. WAS DIRECTIONAL
SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-CNL-LTD-Cal, GR-DLL-MSFL-Cal & Density/Neutron, CNL/DIL

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
20"	94#	600'	26"	600 sx Lite & 250 C1 "C"	Circ.
13 3/8"	61#	5208'	17 1/2"	4300 Lite & 800 C1 "C"	Circ.
9 5/8"	43.5 & 47#	13,250'	12 1/4"	3000 Lite & 600 C1 "H"	TOC @ 5200'
5 1/2" liner	23#	12,751-15,504'	8 1/2"	775 sx C1 "H"	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	14,713'	12,750'

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

15,144-52' (.375) 9 shots
15,156-66' (.375) 11 shots
14,854-70' (.375) 17 shots

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	NONE

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
12-22-84		Flowing					Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
12-26-84	1	15.5/64"	→	Tr	7507	Tr	11,981	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
6235		→	2	23,963	IN FOR 10	60		

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

Sold

35. LIST OF ATTACHMENTS

Logs, Inclination Survey, C-104, Temperature Survey, C-122

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

SIGNED

Daneil Roberts

TITLE

Operations Engineer

DATE

1/7/85

*(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, CURSION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

DESCRIPTION, CONTENTS, ETC.

FORMATION	TOP	BOTTOM	38. GEOLOGIC MARKERS	TOP	
				MEAS. DEPTH	TRUE VERT. DEPTH
Morrow			Rustler Anhy	1195'	
			T/Salt	2400'	
			B/Salt	5030'	
			Delaware	5312'	
			Wolfcamp	12,320'	
			Strawn	13,610'	
			Atoka	13,950'	
			Morrow	14,082'	
			Morrow Clastics	14,565'	
			Barnett Shale	15,435'	