

UNITED STATES DEPARTMENT OF THE INTERIOR
Geological Survey
NM OIL CONS. COMMISSION
Artesia, NM 88210

SUBMIT IN DUPLICATE*

(See instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT

RECEIVED
FEB 17 1983

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. EESVR. ☐ Other ☐

2. NAME OF OPERATOR
Southland Royalty Company

3. ADDRESS OF OPERATOR
21 Desta Drive, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1980 FWL & 660 FBL, Sec. 4, T-18-S, R-30-E
At top prod. interval reported below
At total depth

14. PERMIT NO. DATE ISSUED
O. C. D.

15. DATE SPUDDED 11-15-82 16. DATE T.D. REACHED 1-2-83 17. DATE COMPL. (Ready to produce) 1-27-83 18. ELEV. CASINGHEAD 3529.7' GR

20. TOTAL DEPTH, MD & TVD 11,675' 21. PLUG, BACK T.D., MD & TVD 10,890' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0-TD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
10,485-10,627' Strawn
25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN
Dual Laterolog, GR & RXO, CNL-FDC-GR-Caliper- BH Volume
27. WAS WELL CORED Yes

28. 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"	48#	270'	17 1/2"	500 sx. Class "C"	Circ.
8 5/8"	24 & 28#	3350'	12 1/4"	1350 sx. Lite wt cmt & 200 sx. Class "C"	Circ.
5 1/2"	17#	11,675'	7 7/8"	1200 sx. Class "H"	TOC @ 6745' by

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"	10,390'	10,390'

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
10,485-10,627'		10,936-10,960'	Sqz w/75 sx Class "H" cmt.
		10,485-10,627'	Acidz w/7000 gals acid, 190,100 SCF N ₂ & 85 BS.

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
1-27-83		Flowing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-3-83	4	7.25/64"		1/2	72.8	0	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
1690#	-		1/2	436	0	70.356	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
SI Waiting on Pipeline
TEST WITNESSED BY (ORIG. SGD.) DAVID R. GLASSyne Grubbs

35. LIST OF ATTACHMENTS
C-104, C-122, DST Information, logs & Deviation Survey

36. I hereby certify that the foregoing and attached information is complete and correct as taken from all available records
SIGNED F.N. RAD by D. Polito TITLE District Operations Engineer DATE 2/14/83

*(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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Morrow "A"	11,390	11,402	DST Information Attached Core #1 Rec 10' core. Core #2 Rec 31' core.			
Morrow "A"	11,402	11,433				
Anhydrite	270'					
Salt	520'					
B/Salt	1280'					
Yates	1452'					
Queen	2440'					
Grayburg	2814'					
San Andres	3223'					
Glorieta	4545'					
Tybs	6718'					
Wolfcamp	8414'					
L. Strawn	10,468					
Atoka	10,754					
Morrow	11,154					

DST #1

DST #1 10,543-10,653 15 min IF 1 hr., ISI 1 hr., FF 3 hr. FSI. IF 95# on 3/8" ck. 375 MCFGD. FF 175# on 3/8" ck. 625 MCFGD. Rec 500' gas cut oil & 120' of gas cut drilling mud. IH 5321#, IF 237-312#, ISI 4633#, FF 287-575#, FSI 4495#, FH 5309#. Sampler 563#. Rec 4.52 CFG 280 cc oil.

2/10/83
C. Nokes

DEVIATION SURVEYS
SOUTHLAND ROYALTY COMPANY
HOLLEY FEDERAL "4" No. 1

RIG #1

Section 4, 660' FSL, 1,980' FWL, T-18-S, R-30-E
EDDY COUNTY, NEW MEXICO

RECEIVED

FEB 25 1983

O. C. D.
ARTESIA, OFFICE ↑

DEPTH (FEET)	DEVIATION (DEGREES)
157	1/4
270	1/4
750	1/2
1,197	1
1,500	3/4
1,900	3/4
2,400	1
2,871	3/4
3,300	1/4
3,750	1/2
4,214	1
4,600	1/2
5,000	1-1/4
5,294	1
5,699	2-1/8
5,824	2
5,900	1-3/4
6,055	1-1/2
6,475	2-3/4
6,595	3
6,680	3
6,786	2-1/2
6,879	2-1/2
6,973	2-1/2
7,098	2
7,191	2
7,350	2-3/4
7,439	3
7,533	3
7,626	3
7,716	3
7,800	3-1/4
7,872	3
7,930	3
7,997	3
8,059	3
8,120	2-3/4
8,177	3
8,271	2-1/2
8,390	2-1/2
8,548	2-1/4
8,671	2-3/4
8,791	2
8,913	2
9,000	2
9,150	1-1/4
9,370	1-1/4
9,676	2-1/2
9,799	2-3/4
9,925	2-1/4
10,017	1-3/4
10,261	1-1/2
10,653	1
11,081	1-1/4
11,370	1/2
11,675	1

WARTON DRILLING COMPANY

B. E. Burton
B. E. Burton, President

SUBSCRIBED AND SWORN to before me this 12th day of
January, A.D. 1983

Melinda Lee
Melinda Lee, Notary Public in and for the
State of Texas.

Petroleum Information.

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COUNTY	EDDY	FIELD	Wildcat	STATE	NM
OPR	SOUTHLAND ROYALTY CO.			API	30-015-24245
NO	1	LEASE	Holly "4" Federal	MAP	
	Sec 4, T18S, R30E			CO-ORD	
	660 FSL, 1980 FWL of Sec				
	3 mi S/Loco Hills			SPD	11-15-82
				CMP	
CSG	133/8-270-5003X	WELL CLASS. INIT	WF FIN	LSE. CODE	
	85/8-3350-15503X	FORMATION	DATUM	FORMATION	DATUM
	5 1/2-11,675-12003X				
		ID		PBD	

CONTR	Warton #1	OPRS ELEV	3540 GL	sub-s
	F.R. 5-31-82			
	PD 11,900 RT (Atoka)			
8-30-82	AMEND FIELD & ADD API: Formerly Undesignated			

12-7-82 Ø7623
 12-14-82 Ø8660
 12-21-82 Ø9909 1m & 1/2h
 12-28-82 Ø11,251
 1-11-83 TD 11,675; MORT
 1-17-83 TD 11,675; SI
 1-19-83 TD 11,675; PBD 11,635; Rng logs
 1-27-83 TD 11,675; PBD 11,635; Recl'd
 Perf () 10,936-960
 Acid (10,936-960) 4200
 gals
 Swbd 10 BW (10,936-960)

IC 30-015-70215-82