

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

2. NAME OF OPERATOR
Southland Royalty Company

3. ADDRESS OF OPERATOR

P. O. Box 4289, Farmington, NM 87499

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

At surface 1470'N 1470'W

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE

JUN 13 1986
DIV. 3

5. LEASE DESIGNATION AND SERIAL NO.

NM 02294

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Whitley

9. WELL NO.

7E

10. FIELD AND POOL OR WILDCAT

Basin DK/Bianco MV/Otero Ch

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

Sec. 9, T-27-N, R-9-W
NMMP

12. COUNTY OR PARISH

San Juan

13. STATE

NM

15. DATE SPEUDED 11-9-85 16. DATE T.D. REACHED 11-20-85 17. DATE COMPL. (Ready to prod.) 5-28-86 18. ELEVATIONS (OF. RNB. RT. CR. ETC.)* 6290' GL 19. ELEV. CASINGHEAD 6290'

20. TOTAL DEPTH, MD & TVD 6944' 21. PLUG BACK T.D., MD & TVD 6886' 22. IF MULTIPLE COMPL., HOW MANY* Triple 23. INTERVALS DRILLED BY Rotary TOOLS Rotary CABLE TOOLS No

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

6666-6852' (Basin Dakota)

NOTE: CH-MV COMINGLED UNDER
ORDER DHC-603

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN Formation Density/Comp. Nuutron; Dual Ind-SFL; Dual Ind.; Correlation; Drlg. Eng. QL; Cyberlook; Temp Surveys

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
9 5/8"	32.30#	232'	12 1/4"	142 cu ft	
7"	23&26#	4900'	8 3/4"	806 cu ft	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2"	4820'	6944'	504 cu ft		1 1/2" (MV&CH)	4778'	4806'
					2 3/8" (DK)	6841'	

31. PERFORATION RECORD (Interval, size and number)

Pressure test
4000 psi-ok. Perf'd (DK) 6666-6668, 6670-6675, 6677-6679, 6734-6736, 6738-6740, 6742-6748, 6750-6752, 6807-6819, 6828-6830, 6832-6834, 6836-6838, 6840-6842, 6852 w/25 SPZ. Perf'd (MV) pressure test to 3800 psi-ok. 4654-4656

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6666-6852 (DK)	50,000# 40/60 sd & 60,398 gals slickwater
4654-4804 (MV)	31,000# 20/40 sd & 54,394 gals slickwater

*Continued Perf's listed on back pg. 1

PRODUCTION 3388-3408(CH) 40,000# 10/20 sd & 42,622 gals

DATE FIRST PRODUCTION

5-2-86

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

Flowing

WELL STATUS (Producing, Shut-in)

Shut in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF	WATER—BBL.	GAS-OIL RATIO
5-28-86	SI 7 Days	0		0	327 MCF/D	0	0
FLOW. TUBING PRIBB.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF	WATER—BBL.	OIL GRAVITY-API (CORR.)	
SI 1412	SI -0-		0	1952	0	0	

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

Shut in to be Sold

TEST WITNESSED BY

B. Huntington

35. LIST OF ATTACHMENTS

Temp Surveys

ACCEPTED FOR RECORD

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

SIGNED

Regan Drake

TITLE

Drilling Clerk

DATE

6-10-86

*(See Instructions and Spaces for Additional Data on Reverse Side)

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 recovery.)

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	DEPTH	
					MEAS. DEPTH	TRUE DEPTH
Ojo Alamo	1360'	1519'	ss. white cr-grn s.	Ojo Alamo	1360'	
Kirtland	1519'	2069'	Gry sh interbedded w/tight gry fine-grn ss.	Kirtland	1519'	
Fruitland	2069'	2306'	Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.	Fruitland	2069'	
Pictured Cliffs	2306'	3211'	Gry, fine-grn tight, varicolored soft ss.	Pic. Cliffs	2306'	
Chacra	3211'	3873'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	3211'	
Mesa Verde	3873'	3950'	Gry, fine-grn, dense sil ss., carb sh & coal	Mesa Verde	3873'	
Menefee	3950'	4606'	Gry, fine-grn s, carb sh & coal	Menefee	3950'	
Point Lookout	4606'	5106'	Gry, very fine sil ss w/frequent sh breaks	Pt. Lookout	4606'	
Mancos	5106'	5777'	Gry carb sh.	Mancos	5106'	
Gallup	5777'	6576'	Lt gry to brn calc carb micac glauco very fine gry ss w/irreg. interbed sh	Gallup	5777'	
Greenhorn	6576'	6619'	Highly calc gry sh w/thin lmst.	Greenhorn	6576'	
Graneros	6619'	6730'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	6619'	
Dakota	6730'	6944'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	Dakota	6944'	
*Continued Perf's from page 1:						
4658-4660, 4669-4671, 4704-4706, 4714-4716, 4732-4734, 4756-4758, 4786-4804, w/16 SPZ. Perf'd (CH). Pressure test to 3800 psi-ok. 3388-3390, 3392-3396, 3398-3400, 3402-3404, 3406-3408, w/10 SPZ.						