

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)

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 ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESER. ☐ Other

2. NAME OF OPERATOR

Southland Royalty Co.

3. ADDRESS OF OPERATOR

PO Box 4289, Farmington, NM 87499

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

At surface 1460' FSL, 1535' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

30-045-27645

DATE ISSUED

OCT 11 1991

CON. DIV.

NM-010989

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Horton

9. WELL NO.

1R

10. FIELD AND POOL, OR WILDCAT

Blanco Mesa Verde

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

Sec. 35, T-32-N, R-11-W

NMPM

12. COUNTY OR PARISH
San Juan

13. STATE
NM

15. DATE SPUDDED

05/15/91

16. DATE T.D. REACHED

05/23/91

17. DATE COMPL. (Ready to prod.)

08/21/91

18. ELEVATIONS (OF. RKB, RT. CR. ETC.)

6052' GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

5550'

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

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

yes

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

Mesa Verde - (4284' - 5329')

25. WAS DIRECTIONAL SURVEY MADE

no

26. TYPE ELECTRIC AND OTHER LOGS RUN

DI-GR, TEMP, Z-DENS

27. WAS WELL CORRED

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"	36.0#	229'	12 1/4"	189 cu.ft.	
7"	23.0#	3198'	8 3/4"	954 cu.ft.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2"	3043'	5532'	442 cu.ft.		2 3/8"	5287'	

31. PERFORATION RECORD (Interval, size and number)

4284', 4286', 4288', 4312', 4330', 4357',
4393', 4421', 4425', 4437', 4444', 4446',
4490', 4495', 4513', 4521', 4523', 4525',
4531', 4535', 4537', 4539', 4541', 4543',
4549', 4552', 4560', 4581', cont. on back

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4284-5329'	352,560# 20/40 sand
	565,529 gal. fluid

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
08/21/91		flowing capable of commercial hydrocarbon production				shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
09/12/91	3	3/4"	→	0	2,624	0	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY API (CORR.)	
217	500	→	0	20,992	0	API GRAVITY	

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

to be sold

35. LIST OF ATTACHMENTS

None

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

SIGNED

Steve Adams

TITLE Regulatory Affairs

DATE

2-19-91

*(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 recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	1303'	1386'	White, cr-gr ss..	Ojo Alamo	1303'	
Kirtland	1386'	2352'	Gry sh interbedded w/tight, gry, fine-gr ss	Kirtland	1386'	
Fruitland	2352'	2775'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2352'	
Pictured Cliffs	2775'	3500'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	2775'	
Chacra	3500'	4261'	Gry fn grn silty, glauconitic sd stone w/drck gry shale	Chacra	3500'	
Mesa Verde	4261'	4654'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4261'	
Menefee	4654'	5007'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4654'	
Point Lookout	5007'	5550'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	5007'	
4583', 4585', 4727', 4729', 4927', 5047', 5134', 5305-09'	4589', 4603', 4731', 4733', 4942', 4945', 5051', 5054', 5138', 5143', 5323-29' w/1 spf	4605', 4607', 4610', 4623', 4626', 4639', 4646', 4650', 4657', 4719', 4721', 4723', 4725', 4727', 4729', 4921', 4921', 5042', 5044', 5118', 5268-74', 5305-09'				