

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

NM-4447

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Tapacitos

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Gavilan Mancos

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

Sec. 16, T-26-N, R-2-W

NMPM

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

1a. TYPE OF WELL:

OIL WELL ☒

GAS WELL ☐

DRY ☐

Other

b. TYPE OF COMPLETION:

NEW WELL ☒

WORK OVER ☐

DEEP-EN ☐

PLUG BACK ☐

DIFF. REINER ☐

Other

2. NAME OF OPERATOR

Southland Royalty Company

3. ADDRESS OF OPERATOR

PO Box 4289, Farmington, NM 87409

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

At surface

1540'N, 998'E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

DIST. 3

15. DATE SPUDDED

11-05-88

16. DATE T.D. REACHED

11-22-88

17. DATE COMPL. (Ready to prod.)

01-04-89 4-21-89

18. ELEVATIONS (OF RKB, AT, GR, ETC.)*

7308' GL

19. ELEV. CASINGHEAD

7308' GL

20. TOTAL DEPTH, MD & TVD

7900'

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

22. IF MULTIPLE COMPL. HOW MANY

23. INTERVALS

24. ROTARY TOOLS

25. CABLE TOOLS

rotary

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

7146-7476' (Mancos)

25. WAS DIRECTIONAL SURVEY MADE

no

26. TYPE ELECTRIC AND OTHER LOGS RUN

OIL CON. DIV.

27. WAS WELL CORED

no

28. CASING RECORD (Report all strings)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	VENTING RECORD	AMOUNT PULLED
9 5/8"	32.3#	411'	12 1/4"	354 cu.ft.	
5 1/2"	17#	7899'	8 3/4"	2807 cu.ft.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	7470'	

31. PERFORATION RECORD (Interval, size and number)

7146, 7150, 7153, 7161, 7169, 7179, 7183, 7187, 7191, 7214, 7219, 7223, 7231, 7235, 7240, 7247, 7261, 7268, 7271, 7289, 7329, 7333, 7341, 7345, 7350, 7359, 7365, 7370, 7376, 7387, 7393, 7399, 7403, 7409, 7427, 7434, 7439, 7445, 7455, 7467, 7476 w/2 spf

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7329-7476'	112,399#sand; 126,290 gal. fl
7146-7289'	110,234#sand; 109,684 gal. fl

33. PRODUCTION

DATE FIRST PRODUCTION 4-21-89 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) GAS-LIFT shut in, waiting on pipeline connection, capable of commercial hydrocarbon prod WELL STATUS (Producing or shut-in) 85

DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF	WATER—BSL.	GAS-OIL RATIO
4-21-89	24	3/4"	→	66	719		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
SI 1100/180	SI 1100/275	→	2.5 BOPD	30 MCFD	2.75 BOPD		

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

to be sold

TEST WITNESSED BY

ADMINISTRATIVE RECORD AREA

BY SMM

35. LIST OF ATTACHMENTS

temp. survey

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

SIGNED

[Signature]

TITLE

Regulatory Affairs

DATE 5-11-89

*(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, flowing and shut-in pressures, and recoveries):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	3406'	3562'	White, cr-gr ss..			
Kirtland	absent		Gry sh interbedded w/tight, gry, fine-gr ss.			
Fruitland	3562'	3733'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Ojo Alamo	3406'	
Pictured Cliffs	3733'	4343'	Bn-Gry, fine grn, tight ss.	Kirtland	n/a	
Chacra	4343'	5538'	Gry fn grn silty, glauconitic sd stone w/drak gry shale	Fruitland	3562'	
Mesa Verde	5538'	5614'	Light gry, med-fine gr ss, carb sh & coal	Pic.Cliffs	3733'	
Menefee	5614'	5912'	Med-dark gry, fine gr ss, carb sh & coal	Chacra	4343'	
Point Lookout	5912'	6113'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Mesa Verde	5538'	
Mancos	6113'	6994'	Dark gry carb sh.	Menefee	5614'	
				Pt.Lookout	5912'	
				Mancos	6113'	
				Gallup	6994'	