

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

LEASE DESIGNATION AND SERIAL NO.

SF-077648

IF INDIAN, ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

FARM OR LEASE NAME

Davis

WELL NO.

505

FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal

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

Sec. 12, T-31-N, R-12-W

NMPM

COUNTY OR PARISH

STATE

San Juan

NM

14. PERMIT NO.

DATE ISSUED

30-045-27526

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

2500'N, 1545'E

At top prod. interval reported below

At total depth

15. DATE SPUDDED

2-19-90

16. DATE T.D. REACHED

02-22-90

17. DATE COMPL. (Ready to prod.)

4-9-90

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

6291'GL

20. TOTAL DEPTH, MD & TVD

2870'

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

22. IF MULTIPLE COMPLEMENTS, HOW MANY?

23. INTERVALS DETEILED BY

ROTARY TOOLS

CABLE TOOLS

yes

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

2670-2851' (Fruitland Coal)

MAY 21 1990

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL-SFL, LDT, CNT, NGT, MLT

OIL CON. DIV.

DIST. 3

27. WAS WELL CORROD

no

29. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	SPACING RECORD	AMOUNT PULLED
8 5/8"	24.0#	224'	12 1/4"	242 cu.ft.	
5 1/2"	15.5#	2870'	7 7/8"	987 cu.ft.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	2860'	

31. PERFORATION RECORD (Interval, size and number)

2670-2702', 2720-26', 2761-68',
2831-51' w/2 spf

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2670-2851'	182,640#sand; 115,343 gal. fluid

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
shut in, waiting		on pipeline; capable of commercial hydrocarbon production					
DATE OF TEST	HOURS TESTED	CHOKES SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF	WATER—BSL.	GAS-OIL RATIO
			→		673 MCF + pitot gge		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
SI 327	SI 748	→				ACCEPTED FOR RECORD	

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

to be sold

BHP @ 2840'

TEST WITNESSED BY

MAY 01 1990

35. LIST OF ATTACHMENTS

none

FARMINGTON RESOURCE AREA

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

SIGNED

TITLE

Regulatory Affairs

DATE 4-23-90

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

NMOCD

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	1139'	1213'	White, cr-gr ss..			
Kirtland	1213'	2483'	Gry sh interbedded w/tight, gry, fine-gr ss.			
Fruitland	2483'	2870'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Ojo Alamo Kirtland Fruitland	1139' 1213' 2483'	

DIRT 3
OIL CON. DIR.