

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Form C-105
Revised 11-1-74

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.
K-4177

7. Unit Agreement Name

8. Farm or Lease Name

Baum State

9. Well No.

2

10. Field and Pool, or Wildcat

Baum (Upper Penn)

12. County

Lea

1a. TYPE OF WELL

b. TYPE OF COMPLETION

OIL WELL ☒

GAS WELL ☐

DRY ☐

OTHER

NEW WELL ☒ WORK OVER ☐

DEEPEN ☐

PLUG BACK ☐

DIFF. RESV. ☐

OTHER

2. Name of Operator

Southland Royalty Company

3. Address of Operator

21 Desta Drive, Midland, Texas 79701

4. Location of Well

UNIT LETTER L LOCATED 1980 FEET FROM THE South LINE AND 660 FEET FROM

THE West

LINE OF SEC. 8

TWP. 14S

RGE. 33E

NMPM

15. Date Spudded

2-7-83

16. Date T.D. Reached

3-3-83

17. Date Compl. (Ready to Prod.)

4-1-83

18. Elevations (DF, RKB, RT, GR, etc.)

4255' GR

19. Elev. Casinghead

20. Total Depth

10,105'

21. Plug Back T.D.

10,065'

22. If Multiple Compl., How Many

23. Intervals Drilled By

0-TD

24. Producing Interval(s), of this completion - Top, Bottom, Name

9900-22' Bough "B"

26. Type Electric and Other Logs Run

CNL-FDC-Gamma Ray-Caliper-BH Volume-GR-SP-DIL-SFL logs

25. Was Directional Survey Made

Yes

27. Was Well Cored

No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48#	408'	17 1/2"	450 SX.	Circ
8 5/8"	24 & 32#	4054'	12 1/4"	2600 SX.	Circ.
5 1/2"	17#	10,105'	7 7/8"	900 SX.	TOC @ 6220'

9. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	9963'	SN @ 9963'

10. Perforation Record (Interval, size and number)

9900-22'

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
9900-22'	Acidz w/4000 gals

PRODUCTION

11. First Production	12. Production Method (Flowing, gas lift, pumping - Size and type pump)	13. Well Status (Prod. or Shut-in)
4-1-83	Pumping 2" x 1 1/2" x 12'	Prod.
14. Date of Test	15. Hours Tested	16. Choke Size
4-4-83	24	-
17. Flow Tubing Press.	18. Casing Pressure	19. Calculated 24-Hour Rate
-	-	-
20. Oil - BBL.	21. Gas - MCF	22. Water - BBL.
329	310	151
23. Oil - BBL.	24. Gas - MCF	25. Water - BBL.
329	310	151
26. Oil Gravity - API (Corr.)	27. Gas Gravity - API (Corr.)	28. Water Gravity - API (Corr.)
37		

Disposition of Gas (Sold, used for fuel, vented, etc.)

Vented

Test Witnessed by

List of Attachments

C-104, logs, Inclination Survey, Temperature Survey

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED F.N. RAD by D. Roberts

TITLE District Operations Engineer DATE 4/5/83

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 26 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All data reported shall be measured by this. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1165.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anby <u>1682</u>	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates <u>2602'</u>	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen <u>3502'</u>	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres <u>4043'</u>	T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinbry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Granite	T. Todilto	T.
T. Drinkard	T. Delaware Sand	T. Entrada	T.
T. Abo <u>7672'</u>	T. Bone Springs	T. Wingate	T.
T. Wolfcamp <u>9136'</u>	T. Bough "B" <u>9886'</u>	T. Chinle	T.
T. Penn.	T. Bough "C" <u>10,008'</u>	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn. "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....	No. 4, from.....to.....
No. 2, from.....to.....	No. 5, from.....to.....
No. 3, from.....to.....	No. 6, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....	feet.
No. 2, from.....to.....	feet.
No. 3, from.....to.....	feet.
No. 4, from.....to.....	feet.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1680	1680	Redbeds				
1680	2600	920	Anhydrite				
2600	2760	160	Sand, shale				
2760	4086	1326	Anhydrite, salt				
4086	5025	939	Dolomite				
5025	5075	50	Sand, shale				
5075	5380	305	Limestone				
5380	6960	1580	Dolomite, shale				
6960	7070	110	Sand, shale				
7070	7675	605	Dolomite, Anhydrite				
7675	9070	1395	Anhydrite, shale				
9070	10,100	1030	Limestone, shale				

RECEIVED
APR 8 1983
HOLD OFFICE