

UNITED STATES

SUBMIT IN DUPLICATE*

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(See instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM 21888

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

JAN 22 1981

8. FARM OR LEASE NAME

F.M. Robinson "B" Tr. 1

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT
Grayburg-Jackson11. SEC., T., R., or BLOCK AND SURVEY
OR AREA
Grayburg (SR - O - G - SA)

Sec. 34, T-17-S, R-29-E

12. COUNTY OR
PARISH
Eddy13. STATE
New Mexico

1a. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐ DRY ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐

Other ACCEPTED FOR RECORD

Other PETER W. CHESTER

JAN 22 1981

2. NAME OF OPERATOR

Southland Royalty Company

3. ADDRESS OF OPERATOR

1100 Wall Towers West: Midland, Texas 79701

U.S. GEOLOGICAL SURVEY
WELL, NEW MEXICO

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

At surface Unit Letter J, 1980' FSL & 1980' FEL, Sec 34, T-17-S,

At top prod. interval reported below R-29-E

At total depth

same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED
11-8-8016. DATE T.D. REACHED
11-14-8017. DATE COMPL. (Ready to prod.)
12-19-8018. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
3530.6' GR19. ELEV. CASINGHEAD
-- --20. TOTAL DEPTH, MD & TVD
3254'21. PLUG, BACK T.D., MD & TVD
3205'22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY
→ROTARY TOOLS
0-TDCABLE TOOLS
-- --

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

2494-2704' Grayburg, 3122-3164' Jackson

25. WAS DIRECTIONAL
SURVEY MADE
NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

CN-FDC, DLL, GR-CCL

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
8 5/8"	24#	495'	11 1/4"	350 sxs Cl "C"	Circ 50 sxs
5 1/2"	14#	3254'	7 7/8"	860 sxs Lite & Cl "C"	Top cmt 140'
					by Temp Sur.

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	3150'	3130' SN

31. PERFORATION RECORD (Interval, size and number)

1 JSPF	3122-32'	1 JSP/2F	2494-2500'
	3140-44'		2519-23'
	3149-53'		2528-32'
	3158-64'		2650-56'
	16 holes		2660-68'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See Attached	Supplement

33.* 2696-2704' 24holes PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
12-29-80	Pumping Pump (2"x1 1/2" HF)	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1-12-81	24	--	→	32	15	110	469

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
--	--	→	32	15	110	37.2

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

Used for fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Electric Logs

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

SIGNED

C. C. Parson

TITLE

District Operations Engineer

DATE

1-14-81

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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	MEAS. DEPTH	TRUE VERT. DEPTH
				T/salt	328'	
				B/salt	814'	
				Yates	1002'	
				Queen	1977'	
				Grayburg	2422'	
				San Andres	2854'	
				Jackson	3050'	

TREATMENT SUMMARY

<u>Depth Interval</u>	<u>Amount and Kind of Material Used</u>
3122-3164'	Spot 250 Gal of 10% Acetic Acid
3122-3164'	Acdz w/3500 Gals 15% DS 30 Acid
3122-3164'	Frac w/15,000 Gelled KCl wtr, 9000#
	20-40 SD & 15,000# 10-20 SD
2494-2704'	Spot 350 Gal 10% Acetic Acid
2494-2704'	Acdz w/4000 Gal 15% HCl Acid w/DS-30
2494-2704'	Frac w/72,000 Gal Gelled KCl wtr,
	27,000# 20-40 SD & 45,000# 10-20 SD.

3122-3164'
2494-2704'