

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

SESSION

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

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 ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other _____
2. NAME OF OPERATOR						3. ADDRESS OF OPERATOR	
Southland Royalty Company						1100 Wall Towers West, Midland, Texas 79701	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*							
At surface 940' FEL & 2310' FSL, Sec. 15, T-17-S, R-30-E							
At top prod. interval reported below							
At total depth							
14. PERMIT NO.				DATE ISSUED			
15. DATE SPUDDED				16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)	
5-15-81		5-26-81		8-14-81		18. ELEVATIONS (DF, REB, RT, GR, ETC.)*	
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY	
3594'		3492'				ROTARY TOOLS	
						CABLE TOOLS	
						O-TD	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*						25. WAS DIRECTIONAL SURVEY MADE	
2650-3545' (OA) Grayburg-San Andres						Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN						27. WAS WELL CORED	
Compensated Neutron log						No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
8 5/8"		24#		478'		12 1/4"	
5 1/2"		14#		3590'		7 7/8"	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2 3/8"		3475'		SN @ 3460'			
31. PERFORATION RECORD (Interval, size and number)							
2650-3545' (OA)							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
2650-3545' (OA)				Acidz w/13,620 gals acid.			
2650-3545' (OA)				Frac w/82,464 gals, 49,500# 20/40 sd & 70,500# 10/20 sd			
2959-2966'				Sqz w/300 sx Cl "C" cmt w/2% CaCl			
33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
8-14-81		Pumping 2" x 1 3/4" x 12'				Producing	
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
3-23-82		24		-		OIL—BBL. 12	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		GAS—MCF. 14	
-		-		12		WATER—BBL. 161	
						OIL GRAVITY-API (CORR.) 38°	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
Sold ACCEPTED FOR RECORD						Dale Boland	
35. LIST OF ATTACHMENTS							
Inclination Report, Compensated Neutron log							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED		TITLE				DATE	
[Signature]		District Operations Engineer				3/25/82	
U.S. GEOLOGICAL SURVEY							
ROSWELL, NEW MEXICO							

(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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
B/Salt	1125	1300				
Yates	1300	2195				
Queen	2195	2570				
Grayburg	2570	2900				
San Andres	2900					

Dake H. Parke "D" #2

CASING CEMENT RECORD

8 5/8" casing: 200 sxs Lite wt + 150 sxs Class "C". Did not circ. Ran 1" pipe on backside. Tag @ 295'. Cmt w/100 sxs Thix Lite cmt thru 1" pipe. Wait 4 hrs. Ran 1" tag at 250'. Cmt w/125 sxs Thix Lite cmt thru 1" pipe. Wait 3 hrs. Tag cmt at 100'. Cmt w/100 sxs Class "C" neat. Brought cmt to 35' from surface. Finish cmt w/125 sxs from top. Fill to surface.

5 1/2" casing: Cmt w/300 sxs Class "C". Pkr did not set. Open DV tool. Cmt thru DV tool @ 2019' w/4000 sxs Lite wt cmt & 100 sxs Class "C" Thix-set cmt 4% cc. Over displace thru DV tool w/15 BBLs. Did not circ good cmt but wtr was colored w/cmt. Pump 600 sxs Class "C" cmt 4% cc thru DV tool at 2019'. Over displace 15 BBLs. Pump 200 sxs Lite wt cmt & 400 sxs Class "C" cmt 2% cc thru DV tool. Pump 400 sxs Class "C" cmt 2% cc down Bradenhead at 400#.

C. Nokes
3/25/82



Collier Drilling Corp.

PHONES (505) 746-2400 (800) 746- 6520
BOX 271 - ARTESIA NEW MEXICO 88210

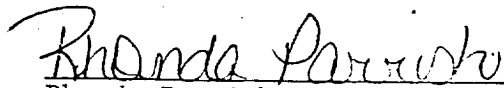
INCLINATION REPORT

OPERATOR: Southland Royalty Company ADDRESS: 1100 Wall Towers West, Midland, TX 79701

LEASE: Parke "D" WELL NO: #2 LOCATION: Section 15, T-17-S, R-30-E, Eddy County
940' FEL & 2310' FSL

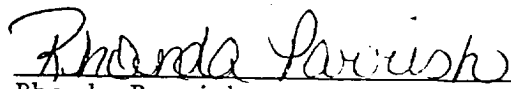
<u>DISC NO.</u>	<u>DATE</u>	<u>DEPTH</u>	<u>DRIFT</u>	<u>DRILLER</u>
1	5/17/81	985'	1/2°	Erick Lehr
2	5/18/81	1495'	3/4°	R. D. Watkins
3	5/19/81	2004'	1/2°	R. D. Watkins
4	5/20/81	2513'	3/4°	R. D. Watkins
5	5/21/81	3022'	3/4°	D. L. Pruitt
6	5/24/81	3566'	1°	R. D. Watkins

I hereby certify that the above data as set forth by the above drillers for Collier Drilling Corp., on their Survey of Directional Drilling is true and correct to the best of my knowledge and belief.

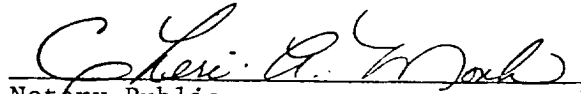

Rhonda Parrish
Secretary

Affidavit:

Before me, the undersigned authority, appeared Rhonda Parrish known to me to be the person whose name is subscribed hereinbelow, who on making deposition under oath, states that she is acting for and on behalf of the operator of the well identified above, and that to the best of her knowledge and belief such well was not intentionally deviated from the true vertical whatsoever.


Rhonda Parrish
(Affiant's Signature)

Sworn and subscribed to in my presence this 22nd day of June, 1981.


Notary Public

My commission expires:

March 24, 1982

