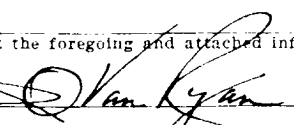


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved,
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM-0558139	
2. DATE OF COMPLETION: A. <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. REVR. <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Creek	
3. NAME OF OPERATOR Land Royalty Company		7. UNIT AGREEMENT NAME 1-A	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 870' FSL & 800' FEL At top prod. interval reported below At total depth		8. FARM OR LEASE NAME Creek	
9. WELL NO. 1-A		10. FIELD AND POOL, OR WILDCAT V Gobernador Pictured Cliff Blanco Mesa Verde	
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 4, T29N, R5W		12. COUNTY OR PARISH Rio Arriba	
13. STATE New Mexico		14. PERMIT NO. DATE ISSUED	
15. DATE SPUDDED 8-01-79	16. DATE T.D. REACHED 8-08-79	17. DATE COMPL. (Ready to prod.) 9-26-79	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6634' GR
19. ELEV. CASINGHEAD	20. TOTAL DEPTH, MD & TVD 6079'	21. PLUG, BACK T.D., MD & TVD 6000'	22. IF MULTIPLE COMPL. HOW MANY*
23. INTERVALS DRILLED BY →	24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3452' - 3658' (Pictured Cliffs)	25. WAS DIRECTIONAL SURVEY MADE Deviation	26. TYPE ELECTRIC AND OTHER LOGS RUN IES, GR-Density, GR-Induction and GR-Correlation Logs
27. WAS WELL CORED No			
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
9-5/8"	32.30#	354'	12-1/4"
7"	23#	3855'	8-3/4"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
4-1/2"	3718'	6075'	275
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
1-1/2"	3639'	3765'	
31. PERFORATION RECORD (Interval, size and number)			
PC - 3452', 3460', 3468', 3476', 3484', 3492', 3500', 3566', 3572', 3578', 3586', 3594', 3602', 3610', 3618', 3626', 3634', 3642', 3650', 3658'.			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
3452' - 3658'		186,102 gallons water and 172,500# 20/40 sand.	
33. PRODUCTION			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	
10-3-79		Flowing	
HOURS TESTED		WELL STATUS (Producing or shut-in)	
3		Shut-In	
CHOKE SIZE		OIL—BBL.	
3/4"		WATER—BBL.	
PROD'N. FOR TEST PERIOD		GAS—MCF	
→		WATER OBL.	
FLOW. TUBING PRESS.		OIL GRAVITY-API (CORR.)	
192		3293	
CASING PRESSURE		TEST WITNESSED BY	
648		Leroy Castleman	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold			
35. LIST OF ATTACHMENTS			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED 		TITLE District Production Manager DATE October 10, 1979	

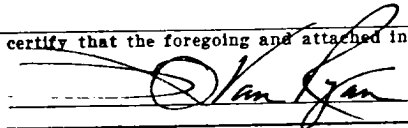
*(See Instructions and Spaces for Additional Data on Reverse Side)

UNITED STATES
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SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other _____		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other _____
2. NAME OF OPERATOR Southland Royalty Company						7. UNIT AGREEMENT NAME Creek	
3. ADDRESS OF OPERATOR P. O. Drawer 570, Farmington, New Mexico 87401						8. FARM OR LEASE NAME Creek	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 870' FSL & 800' FEL At top prod. interval reported below At total depth						9. WELL NO. 1-A	
14. PERMIT NO.						DATE ISSUED	
15. DATE SPUDDED 8-01-79						16. DATE T.D. REACHED 8-08-79	
17. DATE COMPL. (Ready to prod.) 9-19-79						18. ELEVATIONS (DF, RSB, RT, GR, ETC.)* 6634' GR	
20. TOTAL DEPTH, MD & TVD 6079'						21. PLUG, BACK T.D., MD & TVD 6000'	
22. IF MULTIPLE COMPL., HOW MANY*						23. INTERVALS DRILLED BY → 0-6079'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5502' - 5653' (Cliff House) 5737' - 5836' (Point Lookout)						25. WAS DIRECTIONAL SURVEY MADE Deviation	
26. TYPE ELECTRIC AND OTHER LOGS RUN IES, GR-Density, GR-Induction and GR-Correlation Logs						27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
9-5/8"		32.30#		354'		12-1/4"	
7"		23#		3855'		8-3/4"	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
4-1/2"		3718'		6075'		275	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2-3/8"		5823'		3765'			
31. PERFORATION RECORD (Interval, size and number)							
CH - 5502', 5507', 5518', 5532', 5547', 5609', 5619', 5625', 5631', 5641', 5647', 5653'.							
PL - 5737', 5743', 5800', 5806', 5812', 5824', 5830', 5836'.							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
5502' - 5653'				81,984 gallons water and 66,000# 20/40 sand			
5737' - 5836'				77,742 gallons water and 62,000# 20/40 sand			
33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
		Flowing				Shut-In	
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
9-26-79		3		3/4"		→	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL. GAS—MCF.	
149		---		→		1875	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold							
35. LIST OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED: 		TITLE District Production Manager					
		October 10, 1979					

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

U. S. GEOLOGICAL SURVEY

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
Ojo Alamo	2668'				
Fruitland	3272'				
Pictured Cliffs	3448'				
Cliff House	5454'				
Point Lookout	5796'				