

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 *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____				5. LEASE DESIGNATION AND SERIAL NO. SF-077282	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____				6. IF INDIAN, ALLOTTED OR TRIBE NAME	
2. NAME OF OPERATOR SOUTHLAND ROYALTY COMPANY				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Drawer 570, Farmington, New Mexico 87499				8. FARM OR LEASE NAME Grenier "A"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1110' FNL & 930' FWL At top prod. interval reported below At total depth				9. WELL NO. 3M	
14. PERMIT NO.				10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde Basin Dakota	
DATE ISSUED				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 34, T30N, R10W	
15. DATE SPUNDED 1-02-84		16. DATE T.O. REACHED 1-16-84		12. COUNTY OR PARISH San Juan	
17. DATE COMPL. (Ready to prod.) 2-22-84		18. ELEVATIONS (OF, RSB, RT, GR, ETC.)* 6061' KB		13. STATE New Mexico	
20. TOTAL DEPTH, MD & TVD 7200'		21. PLUG, BACK T.D., MD & TVD 7150'		19. ELEV. CASINGHEAD 6049' GL	
22. IF MULTIPLE COMPL., HOW MANY* 2		23. INTERVALS DRILLED BY ROTARY TOOLS 0-7200'		CABLE TOOLS ----	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4226' - 4633' (Cliff House) 4683'-4902' (Point Lookout)				25. WAS DIRECTIONAL SURVEY MADE Deviational	
26. TYPE ELECTRIC AND OTHER LOGS RUN CDL, IEL and CBL				27. WAS WELL CORED No	
29. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
10-3/4"		40.50#, H-40		243'	
5-1/2"		15.5# & 17#		7193.48'	
HOLE SIZE		CEMENTING RECORD			
13-3/4"		**SEE REVERSE SIDE**			
7-7/8"		" " "			
30. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
---		---		---	
SACKS CEMENT*		SCREEN (MD)		TUBING RECORD	
---		---		SIZE	
---		---		1-1/2"	
---		---		DEPTH SET (MD)	
---		---		4881'	
---		---		PACKER SET (MD)	
---		---		5259'	
31. PERFORATION RECORD (Interval, size and number)					
Cliff House - 10 holes: 4226', 4233', 4240', 4264', 4270', 4276', 4542', 4614', 4620', 4633'.					
Point Lookout - 9 holes: 4683', 4699', 4813', 4819', 4831', 4839', 4850', 4861', 4902'					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
4226'-4633'		Frac'd w/142,235 gals fresh wtr & 82,220# of 20/40 sand			
4683'-4902'		Frac'd w/100,600 gals fresh wtr & 54,000# of 20/40 sand			
33.* PRODUCTION					
DATE FIRST PRODUCTION 3-25-84		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) Shut-In
DATE OF TEST 3-25-84		HOURS TESTED 3		CHOKE SIZE 3/4"	
PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.	
---		---		221	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE	
142		847		---	
OIL—BBL.		GAS—MCF.		WATER—BBL.	
---		1765		---	
OIL GRAVITY-API (CORR.)		---			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold					TEST WITNESSED BY Steve Kellenaers
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 <u>Catherine Greyson</u>		TITLE <u>Secretary</u>		DATE <u>3-27-84</u>	

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

NMOCC
CONF. DIV.
EST. 3FARMINGTON RESOURCE AREA
Smm

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.)

Item #28: 10-3/4" casing cemented with 183 cu.ft. (155 sxs) of Class "B" with 1/4# flocele/sx & 3% CaCl₂. PD @ 1:00 AM

1/3/84. Cement circulated to surface.

5-1/2" cemented 1st Stage w/248 cu.ft. (160 sxs) of Cl B 50/50 Poz w/6% gel, 1/4# flocele/sx, followed w/59 cu.ft. (50 sxs) of Cl B w/2% CaCl₂. PD @ 2:35 PM 1-19-84. Gd Circ. Cmtd 2nd Stage w/636 cu.ft. (410 sxs) of Cl B 50/50 Poz w/6% gel & 1/4# flocele/sx, followed w/59 cuft (50 sxs) of Cl B w/2% CaCl₂. PD @ 8:05 PM 1-19-84. Gd circ. **CONTINUED BELOW***

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
ESTIMATED						
Ojo Alamo	1245'		Cmtd 3rd Stage w/783 cu.ft. (505 sxs) of			
Fruitland	2115'		Cl B 50/50 Poz w/6% gel, followed w/59			
Pictured Cliffs	2530'		cu.ft. (50 sxs) of Class B with 2% CaCl ₂ .			
Cliff House	4082'		PD @ 1:35 AM 1-20-84. Circ 10 bbls			
Point Lookout	4809'		slurry to surface.			
Mancos	5053'					
Gallup	6042'					
Greenhorn	6783'					
Graneros	6830'					
Dakota	6965'					