

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL.	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL.	Gas MCF	Water BBL.	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

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29. Disposition of Gas (Solid, used for fuel, vented, etc.)
Flared

30. Summary of Porous Zones (Include Aquifers):

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.

31. Formation (Log) Markers

Fruitland Coal 1917', Pictured Cliffs 2135', Lewis Shale 2252', Cliffhouse Sandstone 2965', Menefee 3639', Point Lookout 4371', Mancos 4577', Gallup 5374'

Formation	Top	Bottom	Descriptions, Contents, etc:	Name	Top
					Meas. Depth
Gallup	5374'	5671'	Oil, Gas	Gallup	5374

32. Additional remarks (include plugging procedure):

*Set 28 external swellable casing packers for isolation of production string at the following depths: (1) 12362 (2) 12127' (3) 11892' (4) 11657' (5) 11422' (6) 11188' (7) 10954' (8) 10719' (9) 10484' (10) 10249' (11) 10014' (12) 9789' (13) 9553' (14) 9319' (15) 9083' (16) 8848' (17) 8612' (18) 8374' (19) 8137' (20) 7901' (21) 7627' (22) 7392' (23) 7156' (24) 6922' (25) 6687' (26) 6452' (27) 6220' (28) 5941'

**Set second bridge plug due to leak in plug set at 5070'MD.

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (1 full set req'd.)
 Geologic Report
 DST Report
 Directional Survey
 Sundry Notice for plugging and cement verification
 Core Analysis
 Other: Lithology Record, Hydraulic Frac Fluid Disclosure

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Amanda Cavoto Title Engineering Technologist
 Signature *Amanda Cavoto* Date 6/13/13

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this 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 depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo 1495'	T. Penn "A"
T. Salt	T. Strawn	T. Kirtland 1713'	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland 1917'	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs 2135'	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House 2965'	T. Leadville
T. Queen	T. Silurian	T. Menefee 3639'	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout 4371'	T. Elbert
T. San Andres	T. Simpson	T. Mancos 4577'	T. McCracken
T. Glorieta	T. McKee	T. Gallup 5374'	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....5374'.....to.....5671'.....
 No. 2, from.....to.....
 No. 3, from.....to.....
 No. 4, 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.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
0	1,713	1,713'	Tertiary non-marine clastics (Sandstone, Siltstone, Shale); braided/anastomosing fluvial, alluvial plain setting, volcanoclastic sediments				
1,713	2,135	422'	Cretaceous Coastal plain meandering fluvial sandstones, overbank floodplain mudstones, well developed coal (FRLD)				
2,135	3,639	1,504'	Regressive nearshore marine sandstone (PCCF), marine shale (Lewis SH), transgressive nearshore marine sandstone (CLCH/Chacra)				
3,639	4,371	732'	Coastal plain non-marine (Menfee) meandering fluvial sandstone, overbank floodplain mudstone (carbonaceous shale), minor coal				
4,371	4,577	206'	Regressive, progradational near-shore marine shoreface sandstone (PNLK)				
4,577	5,374	797'	Marine Shale/Siltstone (MNCS) and submarine sandstone (GLLP);				