

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
SF-0789991a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☒ Diff. Resvr.,
Other

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
San Juan 31-6 Unit8. Lease Name and Well No.
SJ 31-6 Unit #16M9. API Well No.
30-039-2607110. Field and Pool, or Exploratory
Blanco Mesaverde11. Sec., T., R., M., or Block and
Survey of Area
Section 33, T31N, R6W12. County or Parish
Rio Arriba, NM

17. Elevations (DF, RKB, RT, GL)*

6370' GL

14. Date Spudded

6/17/99

15. Date T.D. Reached

6/26/99

16. Date Completed

6/9/00

☐ D & A☒ Ready to Prod.18. Total Depth: MD 8018'
TVD 8018'19. Plug Back T.D.: MD 7982'
TVD 7982'20. Depth Bridge Plug Set: MD 6050'
TVD 6050'

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

GR/CCL/CBL

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run ☒ No ☐ Yes (Submit report)
Directional Survey? ☒ No ☐ Yes (Submit)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	9-5/8"	36, J55	0	379		195 SX C1 H	41.67	surface	28 SX
8-3/4"	7"	20#, K55		3644		L-345sx C1H	166.69		
						T-100sx C1H	21.37		
					Squeeze	L-210 sx POZ	66.89		0
					Squeeze	T-50 sx C1H	10.68	275'	0
6-1/4"	4-1/2"	11.6#	0	7982		355 sx POZ	134	4150'	0

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	5764'	none						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mesaverde	5307	5937	5327' - 5611'	.36"	45	
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
5327' - 5611'	1000 gal 15% HCl & ballsealer
5327' - 5611'	102,500 gal 60 Quality foam w/30# Viking X-link gel, 224,507 # 20/40 Brady sand

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
SI	6/9/00	1	→						flowing - pitot
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
1/2"		320	→		2003	5			SI-waiting to first deliver

28a. Production-Interval B

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

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28b. Production - Interval C

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

28c. Production-Interval D

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

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

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

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Ojo Alamo	2362	2517	Sandstone		
Kirtland	2517	2997	Shale & sandstone		
Fruitland	2997	3242	Shale, coal & sandstone		
Pictured Clf	3242	3492	Marine Sands		
Lewis Shale	3492	5307	Sandstone & shale		
Cliffhouse	5307	5342	Sandstone & shale		
Menefee	5342	5607	Sandstone & shale		
Pt. Lookout	5607	5937	Sandstone & shale		
Mancos Sh	5937	6907	Shale		
Gallup	6907	7632	Sandstone & shale		
Greenhorn	7632	7687	Limestone & shale		
Graneros Sh	7687	7812	Sandstone & shale		
Dakota	7817	8037	Sandstone & shale		
			These tops are estimated, no	open hole logs run.	

32. Additional remarks (include plugging procedure):

Will flow test the Mesaverde interval before adding the Lewis Shale pay to the MV interval. Once the Mesaverde and L/S are tested, we will cleanout CIBPs and commingle MV & DK production after the individual commingling paperwork has been filed and approved.

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd) 2. Geologic Report 3. DST Report 4. Directional Survey
5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other

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) Patsy ClugstonTitle Sr. Regulatory/Proration ClerkSignature Patsy ClugstonDate 6/13/00

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.