

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

5. Lease Serial No.

SF-078051A

1a. Type of Well ☐ Oil Well ☒ Gas ☐ Dry Other
b. Type of Completion: ☒ New ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv.
Other

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

Storey #1B

9. API Well No.

30-045-30164

10. Field and Pool, or Exploratory

Blanco-Mesaverde

11. Sec., T., R., M., or Block and

Survey or Area 34 T32N R11W

12. County or Parish

San Juan

13. State

NM

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

5999 KB 5987 GL

2. Name of Operator

Hallador Petroleum, LLP

3. Address

1660 Lincoln St., Suite 2700, Denver CO 80264

3a. Phone No. (include area code)

303-839-5504

4. Location of Well (Report locations clearly and in accordance with Federal requirements)*

At surface

1250' fsl, 1960' fwl, Sec 34 T32N R11W

At top prod. interval reported below same

At total depth

same

14. Date Spudded

03/31/00

15. Date T.D. Reached

04/08/00

16. Date Completed

☐ D & A ☒ Ready to
06/22/00

18. Total Depth: MD

TVD

5450

19. Plug Back T.D.: MD
TVD

20. Depth Bridge Plug Set: MD
TVD

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

High Res. Induction, Spectral Density Epithermal Neutron, High Res. T

22. Was well cor ☒ No ☐ Yes (Submit copy)

Was DST run ☒ No ☐ Yes (Submit copy)

Directional Survey ☒ No ☐ Yes (Submit copy)

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4	9-5/8	K-55 36	surface	219	219	110		surface CIR	
8-3/4	7	K-55 20	surface	3044	3044	435		376 CBL	
6-1/8	4-1/2	J-55 11.6	2774	5450	5450	205		4163 CBL	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth	Size	Depth Set (MD)	Packer Set (MD)
2-3/8	5155							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Lewis & Mesaverde	4299	5222	4900-5222	1/2"	36	open
B)			4494-4780	1/2"	42	open
C)			4299-4416	1/2"	20	open
D)						

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

Depth Interval	Amount and type of Material
4900-5222	120,000# 20/40 sand with nitrogen foamed slick water frac
4494-4780	125,000# 20/40 sand with nitrogen foamed slick water frac
4299-4416	78,000# 20/40 sand with nitrogen foamed slick water frac

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
06/22/00	06/23/00	24	→	0	950	0			Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
1/2"		310	→	0	950	0			

28a. Production - Interval B

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. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
			→						

(See instructions and spaces for additional data on reverse side)

Producing
ACCEPTED FOR RECORD

SEP 01 2000

FARMINGTON FIELD OFFICE
BY

NMOC

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

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	

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

Sold

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
Nacimiento	surface	1003	water zone	Nacimiento	surface
Ojo Alamo	1003	1043	water zone	Ojo Alamo	1003
Fruitland	2284	2735	gas zone	Kirtland Shale	1043
Pictured Cliffs	2735	2921	gas zone	Fruitland	2284
Lewis Shale	2921	4383	gas zone	Pictured Cliffs	2735
Cliff House	4383	4620	gas zone	Lewis Shale	2921
Menefee	4620	4970	gas zone	Cliff House	4383
Point Lookout	4970	5328	gas zone	Menefee	4620
				Point Lookout	4970
				Macos Shale	5328
				all tops measured from KB	

32. Additional remarks (include plugging procedure):

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 verificatio | 5. Core Analysis | 7. Other | |

36. 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) Timothy LovsethTitle Manager of Exploration and GeologySignature Date 8/25/00

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 U States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.