

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

FORM APPROVED  
OMB NO. 1004-0137  
Expires: March 31, 2007  
5. LEASE DESIGNATION AND SERIAL NO.  
**Jicarilla Contract 155**

1a. Type of Well  Oil Well  Gas Well  Dry  Other \_\_\_\_\_

b. Type of Completion  New Well  Workover  Deepen  Plug Back  Diff. Resvr. \_\_\_\_\_

Other \_\_\_\_\_

6. INDIAN ALLOTTEE OR TRIBE NAME  
**Jicarilla Apache Tribe**

7. UNIT AGREEMENT \_\_\_\_\_

2. Name of Operator  
**EnerVest Operating, LLC**

8. FARM OR LEASE NAME  
**Jicarilla Contract 155 #20M**

3. Address **1001 Fannin Street, Suite 800 Houston, TX 77002**

3a. Phone No. (include area code) **713-659-3500**

9. API WELL NO.  
**30-039-31215-0001-0001**

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

At surface **1201'FSL & 762' FWL Unit M, Sec.29, T26N, R5W**

At top prod. Interval reported below \_\_\_\_\_

At total depth **1275' FSL & 671' FWL, Unit M, Sec 29, T26N. R5W**

10. FIELD NAME  
**Basin Dakota**

11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA  
**Sec. 29, T26N, R5W, ULM**

12. COUNTY OR PARISH **Rio Arriba County**

13. STATE **NM**

14. Date Spudded **4/22/2014**

15. Date T.D. Reached **4/29/2014**

16. Date Completed **08/12/2014**

D & A  Ready to Prod.

17. ELEVATIONS (DF, RKB, RT, GR, etc.)\*  
**GL=6492', KB=6505'**

18. Total Depth: MD **7320'** TVD **7316'**

19. Plug back T.D.: MD **7275'** TVD **7271'**

20. Depth Bridge Plug Set: MD \_\_\_\_\_ TVD \_\_\_\_\_

21. Type Electric & other Logs Run (Submit a copy of each)  
**GR/CCL/CBL/RMT**  
(previously submitted electronically to OCD)

22. Was well cored?  No  Yes (Submit analysis)

Was DST run?  No  Yes (Submit report)

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 Sks. & Type of	Slurry Vol. (Bbl)	Cement Top*	Amount Pulled
12 1/4"	8 5/8", J-55,	24#	0	525'		297 sx Type III cmt	73 1/2	Surf (circ)	
7 7/8"	4 1/2 N-80	11.6#	0	7319'	2241'/4141'	1201 sx	431	CBL	
					(log depth)	(2422 cf.)			
						Pr. Lite &			
						Type III			
						3 stages			

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"	7175'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. of Holes	Perf. Status
A) Dakota	6998'	7320'	7002'-7047'	0.40"	33	Open
B) Dakota	6998'	7320'	7134'-7226'	0.40"	40	Open
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
7002'-7047'	1,000 gl. 15% HCl w/balls, frac w/149,000 gl. 20# gel & 141,620 #20/40 sand
7134'-7226'	1,000 gl. 15% HCl w/balls, frac w/163,000 gl. 20# gel & 160,000 #20/40 sand

27. Acid Fracture Treatment, Cement Squeeze, Etc.

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
8/7/2014	8/9/2014	6	→	0	96	10.5			Flow-casing
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	
64	N/A	136	→	0	383	41.8		Ready to produce	

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.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	
			→						

\* See instructions and spaces for additional data on page 2)

NMOCDAV

ACCEPTED FOR RECORD  
AUG 14 2014  
ARMINGTON FIELD OFFICE  
BY: William Tambekou

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: With TA C-104 while awaiting C-104 approvals.

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
					Measured Depth
Ojo Alamo	2162'	2417'		Cliffhouse	4453'
Kirtland	2417'	2692'		Point Lookout	5015'
Fruitland Coal	2692'	2824'		Greenorn	6917'
Picture Cliffs	2824'	2891'		Dakota	6998'
Lewis Shale	2891'	3706'			
Chacra	3706'	4453'			
Cliffhouse	4453'	4502'			
Meneffee	4502'	5015'			
Point Lookout	5015'	5515'			
Mancos Regulatory	5515'	6181'			
Gallup	6181'	6917'			
Greenhorn	6917'	6973'			
Graneros Shale	6973'	6998'			
Dakota	6998'	TD			

32. Additional remarks (include plugging procedure):

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

- Electrical/ Mechanical Logs (1 full set required)
  Geologic Report
  DST Report
  Directional Survey  
 Sundry Notice for plugging and cement verification
  Core Analysis
  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) Michelle doescher

Title Regulatory Consultant

Signature *Michelle Doescher*

Date 8/14/2014

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.