Form 3160-4
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NM 65441

1a. 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
NA

7. Unit or CA Agreement Name and no.
(OCD Property Code 33690)

2. Name of Operator
Pure Resources, L. P. (150628)

8. Lease Name and Well No.
Madera "24" Federal 1

3. Address
500 W. Illinois Midland, Texas 79701

3.a Phone No. *(Include area code)*
(432)498-8662

9. API Well No.
30-025-36666-0051

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

At Surface 1310' FSL & 1310' FWL, UL M, Sec 24, T-26-S, R-34-E

At top prod. interval reported below Same

At total depth Same

10. Field and Pool, or Exploratory
~~Wildcat; Strawn~~ Tabalina; Wildcat; Strawn Southwest

11. Sec., T., R., M., on Block and Survey or Area Sec. 24, T26S, R34E

12. County or Parish LEA

13. State New Mexico

14. Date Spudded	15. Date T.D. Reached	16. Date Completed ☐ D & A ☒ Ready to Prod.	17. Elevations (DF, RKB, RT, GL)*
09/20/2004	12/27/2004	04/29/2005	3,197' GL; 3,227' KB (30' RKB)

18. Total Depth: MD 16,600' TVD	19. Plug Back T.D.: MD 15,150' TVD	20. Depth Bridge Plug Set: MD 15,150' TVD

21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)
HRLA-Micro CFL-GR/TDLD-CNL-GR/GR

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
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 Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8"	54.5 J-55	0'	1,111'		875sx "Prem"	194	0' (CIR 354sx)	0'
11"	9-5/8"	40 K-55	0'	5,430'		2,225sx "C	701	0' (CIR 70sx)	0'
8-3/4"	7-5/8"	39 P110	0'	13,400'		1,150sx "H"	333	5,421' TS	0'
6-1/2"	5-1/2" Lnr	23 P110	13,169'	16,596'		507sx "H"	147	CIR thru TOL	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)
2-7/8"	14,700'	14,700'						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Strawn	14,686'	15,179'	14,800' - 15,080'	.37"	28	Producing
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
14,800' - 15,080'	Strawn zn acidized w/9100g 20% CSA + 42 1.3 Spec Gravity RCNB's to divert.
15,258' - 15,382'	Upper Atoka zn acdz w/3000g 10% Acetic acid. Plugged Back w/tbg plug in pkr @ 15,150'.
15,559' - 15,856'	Lower Atoka zn acdz w/10,000g & 3000g 20% HCL. Plugged Back w/CIBP@15,466', capped w/25' cmt.
16,182' - 16,550'	Morrow zn acdz w/4000g 10% Acetic acid. Plugged Back w/CIBP@16,090', capped w/25' cmt.

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
4/29/05	5/04/2005	24	→	5	486	0	55	.62	Flowing
Choice Size	**Tbg. Press. Flwg. SI**	**Csg. Press.**	**24 Hr. Rate**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas : Oil Ratio**	**Well Status**	
32/64"	100	PKR	→	5	486	0	97,200:1	Producing	

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 reverse side)

RECEIVED JUN 10 2005

ACCEPTED FOR RECORD
DAVID R. GLASS
JUN 13 2005
DAVID R. GLASS
PETROLEUM ENGINEER

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.)*

30. Summary of Porous Zones (Include Aquifers):

Show all important zones or porsity and contents thereof: Cored intervals and all drill-stem tests, inlcuding depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

Formation	Top	Bottom	Descriptions, Contents, etc.

31. Formation (Log) Markers

Name	Top Meas. Depth
1st Bone Springs	10,636'
2nd Bone Springs	11,170'
3rd Bone Springs	12,198'
Wolfcamp	12,604'
Wolfcamp Limestone Marker	12,407'
Wolfcamp Marker	14,147'
Strawn	14,686'
Atoka	15,179'
Atoka Sandstone Marker	15,372'
Atoka Limestone Marker	15,455'
Morrow	16,037'

32. Additional remarks (include plugging procedure):

First attachment is a 3160-5 Liner Casing/Cement Sundry. The second attachment is a five page 3160-5 showing all work performed on this new drill well in attempting to find & complete in a viable producing horizon. Also attached is a wellbore schematic reflecting same. A deviation survey and logs are also attached as shown below.

33. Circle enclosed attachments:

(1.) Electrical/Mechanical Logs (1 full set req'd.) 2. Geological Report 3. DST Report 4. Directional Survey

5. Sundry Notice for plugging and cement verification 6. Core Analysis (7.) Other 5pg Completion Sundry, Deviation Survey, Wellbore Diagram, C-104, C-102

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)* Alan W. Bohling Title Regulatory Agent

Signature Alan W. Bohling Date 05/27/2005

BUREAU OF LAND MANAGEMENT RECEIVED JUN 10 2005 ROSWELL, NEW MEXICO

Title 18 U.S.C. Section 101 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 and false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.