

New Mexico Oil Conservation Division, District I
1625 N. French Drive
Hobbs, NM 88240

Form 3160-4
 (April 2004)

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
 OMBNO. 1004-0137
 Expires: March 31, 2007

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

2. Name of Operator

Jumbo American Petroleum Corp

3. Address 550 W. Texas, Suite 1303
Midland, Texas 79701

3a. Phone No. (include area code)
432/682-6495

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

At surface 1980' FSL, 1000' FWL

At top prod. interval reported below same

At total depth same

Unit L

14. Date Spudded
5/28/04

15. Date T.D. Reached
8/6/04

16. Date Completed 2/12/05
☐ D & A ☒ Ready to Prod.

5. Lease Serial No.
NM-93223

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
Madera 19 Federal #1

9. AFI Well No.
300-252366450051

10. Field and Pool, or Exploratory

Jabalina, S.W. Atoka

11. Sec., T., R., M., on Block and
 Survey or Area Sec 19, T26S-R35E

12. County or Parish
Lea

13. State
New Mexico

17. Elevations (DF, RKB, RT, GL)*
3188'GL; 3215'KB

18. Total Depth: MD 15,456'
 TVD 15,456'

19. Plug Back T.D.: MD 15,280'
 TVD 15,280'

20. Depth Bridge Plug Set: MD 15,315'
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
Laterolog, Density/Neutron/Magnetic Resonance

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2	12" K-55	40/545	0	1065	--	1000sxC	321	Surf-Circ	--
12 1/2	9 5/8" K-55	40	0	5340	--	2050 C	739	Surf-Circ	--
8-3/4	7"P110	29	0	13,407	--	1620 H	671	3714-TS	--
6-1/8	5"P110	18	13,118	15,454	--	170 H	32	13,118-Circ	--

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	14,482	14,450			12,887			

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) L. Atoka Sand	15320	15352	15,333-347'	.42	43	Plugged
B) U. Atoka Sand	15214	15240	15,217-228'	.42	34	Open
C) U. Atoka Lime	15020	15097	15,030-94'	.42	102	Open
D) Strawn Lime	14604	14793	14,618-772'	.42	76	Open

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

Depth Interval	Amount and Type of Material
15,333-15,347	Frac w/43,140# bauxite & 106,500 gal gelled water
15,217-15,228	Frac w/60,000# bauxite & 90,700 gal gelled water
15,030-15,094	Acidize w/10,000 gal 20% HCl acid
14,618-14,772	Acidize w/16,700 gal 20% HCl acid

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
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					would not 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
12/15/04	12/17/04	24	→	0	650	49	--	.674	flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
20/64	1010	0	→	0	650	49	--	wait on pipeline connection	

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

ACCEPTED FOR RECORD
DAVID R. GLASS
PETROLEUM ENGINEER
FEB 23 2005

KZ

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
12/20/04	1/21/05	24	→	70	2650	77	52.8	.670	Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
13/64	3050	0	→	70	2650	77	37,857	Wait on pipeline connection	

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
1/20/05	1/22/05	21	→	289	2900	84	52.8	.703	Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
11/64	5000	0	→	330	3300	96	10,000	Wait on pipeline connection	

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

Flared during testing

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
				Delware Lime	5336
				Delware Sand	5364
				Brushy Canyon Sand	8151
				Bone Spring	9472
				Wolfcamp	12564
				Strawn	14604
				Upper Atoka Lime	15020
				Atoka Sand	15214
				Lower Atoka Lime	15436

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 req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
☒ Other: Mud Log

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) Dan TufflyTitle Consulting Engineer

Signature

Dan Tuffly

Date

2/21/05

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.