

OCD-ARTESIA

Form 3160-4
(April 2004)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		Lease Serial No. NM-82904
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resrv., Other:		
2. Name of Operator Yates Petroleum Corporation		7. Unit or CA Agreement Name and No.
3. Address 105 S. 4th Str., Artesia, NM 88210	3a. Phone No. (include area code) 505-748-1471	8. Lease Name and Well No. Adeline ALN Federal #12
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface 1800'FSL & 330'FWL (Unit L, NWSW) At top prod. Interval reported below Same as above At total depth Same as above		9. API Well No. 30-015-32014 0051
		10. Field and Pool, or Exploratory Undes. Sand Dunes; Delaware, South
		11. Sec., T., R., M., on Block and Survey or Area Section 6-T24S-R31E
		12. County or Parish 13. State Eddy New Mexico

14. Date Spudded RH 1/17/07 RT 1/24/07	15. Date T.D. Reached 2/8/07	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 3/6/07	17. Elevations (DF, RKB, RT, GL)* 3439'GL 3459'KB
18. Total Depth: MD 8200' TVD NA	19. Plug Back T.D.: MD 8156' TVD NA	20. Depth Bridge Plug Set: MD NA TVD NA	

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNL, Hi-Res Laterolog Array, CBL	22. Was Well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)
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23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	State Cementer Depth	No. of Skis & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
26"	20"	Cond.	Surface	60'					
17-1/2"	13-3/8"	48#	Surface	912'		790 sx		Surface	
11"	8-5/8"	24# 32#	Surface	4096'		1310 sx		Surface	
7-7/8"	5-1/2"	15.5# 17#	Surface	8200'		1500 sx		Surface	

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"	8021'								

25. Producing Intervals				26. Perforation Record			
Formation	Top	Bottom		Perforated Interval	Size	No. Holes	Perf. Status
A) Delaware	6958'	7942'					
B)							
C)							
D)							

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.	
Depth Interval	Amount and Type of Material
7747'-7942'	Acidize w/1500g 7-1/2% NEFE acid
	Frac w/47,964g Silverstim LT-R-13 w/85,000# 20/40 Ottawa sand and 38,500# Expedite Lite
6958'-7092'	Acidize w/2000g 7-1/2% NEFE w/25 balls
	Frac w/32,500g Silverstim LT-R-13 w/76,000# 20/40 Ottawa sand w/Expedite Lite

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
3/7/07	4/15/07	24	⇒	81	290	260	NA	NA	Pumping
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
NA	NA	NA	⇒	81	290	260	NA		

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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			⇒						

ACCEPTED FOR RECORD
DAVID R. GLASS
MAY 23 2007
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.	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.	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	Description, Contents, etc.	Name	Top
					Meas Depth
				Rustler	489'
				TOS	864'
				BOS	3903'
				Bell Canyon	4174'
				Cherry Canyon	5078'
				Brushy Canyon	6382'
				Bone Spring	8026'

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: Inclination Report

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) Tina Huerta Title Regulatory Compliance Supervisor

Signature  Date April 16, 2007

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.

Yates Petroleum Corporation
Adeline ALN Federal #12
Section 6-T24S-R31E
Eddy County, New Mexico
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26. Perforation Record

Perforation Interval	Size	No. Holes	Perf. Status
7747'-7753'		7	Producing
7782'-7788'		7	Producing
7926'-7932'		7	Producing
7938'-7942'		5	Producing
6958'-6966'		9	Producing
7026'-7032'		7	Producing
7086'-7092'		7	Producing



Regulatory Compliance Supervisor
April 16, 2007

INCLINATION REPORT		
2. LEASE NAME ADELINE ALN FED # 12		
3. OPERATOR YATES PETROLEUM		
4. ADDRESS 105 SOUTH 4 TH ST. ARTESSIA, NM 88210		County EDDY

RECORD OF INCLINATION

*11. Measured Depth (feet)	12. Course Length (Hundreds of feet)	*13. Angle of Inclination (Degrees)	14. Displacement per Hundred Feet (Sine of Angle x100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
243	2.43	0.25	0.44	1.06	1.06
430	1.87	0.50	0.87	1.62	2.68
558	1.28	0.75	1.31	1.67	4.35
880	3.22	0.75	1.31	4.21	8.56
1068	1.88	0.75	1.31	2.46	11.02
1160	0.92	0.75	1.31	1.20	12.22
1537	3.77	0.75	1.31	4.93	17.15
2099	5.62	0.75	1.31	7.36	24.51
2392	2.93	0.75	1.31	3.83	28.34
3232	8.40	0.50	0.87	7.30	35.64
3703	4.71	1.50	2.62	12.34	47.98
3793	0.90	1.00	1.75	1.57	49.55
4027	2.34	1.75	3.05	7.13	56.68
4225	1.98	1.00	1.75	3.46	60.14
4720	4.95	0.50	0.87	4.30	64.44
5441	7.21	0.25	0.44	3.17	67.61
5912	4.71	0.50	0.87	4.09	71.70
6384	4.72	0.25	0.44	2.07	73.77
7580	11.96	0.75	1.31	15.66	89.43
7826	2.46	1.00	1.75	4.30	93.73

[Signature]

Drilling Manager
Lariat Services, Inc.
432-561-5510

Sworn to and subscribed before me this

29th day of *March* 20*08*

[Signature]
Notary Public Signature

