

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

5. Lease Serial No.

NM-103573

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.	
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8. Lease Name and Well No.

Arley Federal Unit #4

9. API Well No.

30-015-34167

10. Field and Pool, or Exploratory

Wildcat Mississippian; Gas

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

Section 1-T20S-R21E

12. County or Parish	13. State
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Eddy	New Mexico
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17. Elevations (DF,RKB,RT,GL)\*

4254'GL 4273'KB

14. Date Spudded  
RH 10-29-05 RT 10/31/05

15. Date T.D.Reached  
11/29/05

16. Date Completed 12/3/05  
☒ D & A ☐ Ready to Prod.

18. Total Depth: MD	8200'
TVD	NA

19. Plug Back T.D.:	MD	NA
	TVP	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

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)

[illegible]

## 24. Tubing Record

[illegible]

## 25. Producing Intervals

26. Perforation Record

20. Perforation Results		
Formation	Top	Bottom
A)		
B)		
C)		
D)		

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

Depth Interval	Amount and Type of Material

### 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 ACCEPTED FOR RECORD
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate ➡	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	DEC 14 D&A

Production Method

DEC 14  
D&A

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 LES BABYAK PETROLEUM ENGINEER
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate ➡	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

on Method LES BABYAK  
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.)

## 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
				San Andres	351'
				Glorieta	1864'
				Upper Yeso	2106'
				Tubb	2816'
				Lower Yeso	2944'
				Abo	3466'
				Wolfcamp	4568'
				Upper Penn	5955'
				Strawn	7034'
				Atoka	7605'
				Morrow	7837'
				Chester	8116'

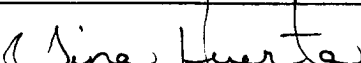
32. Additional remarks (include plugging procedure):

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:

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 December 6, 2005

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.