

Form 160-4  
(August 1999)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCT 03 2007

OCD-ARTESIA

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

5. LEASE DESIGNATION AND SERIAL NO

NM 036718

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.  
Rhinstone 29 Federal Com #1

9. API NO.

30 005 63936

10. FIELD AND POOL, OR EXPLORATORY  
Diamond Mound (Morrow) 76079

11. SEC., T., R., M. OR BLOCK AND SURVEY  
OR AREA  
Section 29, T15S, R28E

12. COUNTY OR PARISH  
Chaves

13. STATE  
NM

17. ELEVATIONS (DF, RKB, RT, GR, ETC.)

GR 3591'

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  
Rubicon Oil & Gas, LLC (194266)

3. ADDRESS OF OPERATOR  
508 W. Wall, Suite 500, Midland, TX 79701

3A. PHONE NO. (include area code)  
432 687-5100

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 1200' FSL & 1200' FWL (M)

At top prod. interval reported below

At total depth

14. DATE SPUDDED

6-24-07

15. DATE T.D. REACHED

7-15-07

16. DATE COMPLETED

☐ D & A ☒ READY TO PROD.

18. TOTAL DEPTH, MD & TVD

9320'

19. PLUG, BACK T.D.:

MD  
TVD 93'

20. DEPTH BRIDGE PLUG SET  
MD  
TVD

21. TYPE ELECTRIC & OTHER MECHANICAL LOGS RUN (SUBMIT COPY OF EACH)

GR/CCL/CBL

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 CEMENT	SLURRY VOL. (BBL)	CEMENT TOP*	AMOUNT PULLED
17 1/2"	13 3/8" K55	54.5#	surface	420'		440 sx		surface	none
12 1/4"	8 5/8" K55	32#	surface	2025'		780 sx		surface	none
7 7/8"	4 1/2" LTC	11.6#	surface	9309'		600 sx		6948' CBL	none

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"	8977'							

25. PRODUCING INTERVALS

FORMATION	TOP	BOTTOM	PERFORATED RECORD	SIZE	NO. HOLES	PERF. STATUS
Morrow	9000	9320'	9080-9090'	3 jspl	30 holes	open
B)						
C)						
D)						

27. ACID, FRACTURE, TREATMENT CEMENT SQUEEZE, Etc.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
9080-9090'	500 gals 10% MCA; 18,690 gals 30# puregel X-link + 115 tons CO2 foam w/34000 18/40 prop

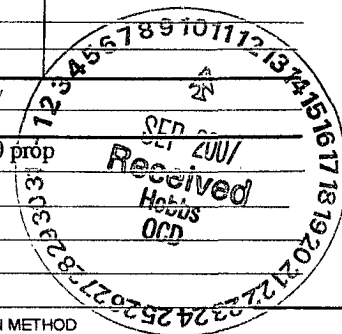
28. PRODUCTION INTERVAL A

DATE FIRST PRODUCED	TEST DATE	HOURS TESTED	TEST PRODUCTION	OIL BBL	GAS MCF	WATER BBL	OIL GRAVITY CORR. API	GAS GRAVITY	PRODUCTION METHOD
8-10-07	8-14-07	24	→	0	1342	289			flowing
CHOKE SIZE	TBG. PRESS. FLWG.	CSG. PRESS.	24 HR. RATE	OIL BBL	GAS MCF	WATER BBL	GAS OIL RATIO	WELL STATUS	
24/64"	300	490	→						W O pipeline connection/shut-in.

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	
	SI		→						

\*(See Instructions and Spaces for Additional Data on Reverse Side)



## 23b Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. AN	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	
			→						

## 23c Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. APT	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 (Solid, used for fuel, vented, etc)  
Vented during test

## 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 too] open, flowing and shut-in pressures and recoveries.

## 31 Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas Depth
	0	1295	Sand, Shale & Dolomite		
	1295	5280	Dolomite	San Andres	1878
	5280	6620	Dolomite, Shale & Anhydrite	Tubb	4515
	6670	8495	Limestone Shale	Abo	5280
	8495	8825	Limestone	Wolfcamp	6620
	8825	9155	Shale Sand Lime	Strawn	8495
	9155	9320	Limestone	Atoka	8825
				Miss	9155

32. Additional remarks (include plugging procedure).

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

- ☒ Electrical/Mechanical Logs (I 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) Ann E. Ritchie

Title Regulatory Agent (432) 684-6381

Signature 

Date 9-6-07

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



# DRILLING INC. Oil Well Drilling Contractor

Post Office Box 160 • Artesia, NM 88211-0160 • Office (505) 748-8704 • Fax (505) 748-8719

July 17, 2007

Rubicon Oil & Gas, LLC  
500 W. Texas, Suite 1000  
Midland, Texas 79701

Re: Rhinestone Fed 29 Com #1  
Sec.29, T-15-S, R-28-E  
Chaves County, New Mexico

Attn: Hal Lee

The following is a Deviation Survey on the referenced well in Chaves County, New Mexico:

254' - 1/4 °	2910' - 1 °	5377' - 1 1/2 °	7193' - 1 3/4 °
423' - 3/4 °	3410' - 1 °	5814' - 2 °	7600' - 1 °
892' - 3/4 °	3849' - 1 3/4 °	6289' - 2 1/4 °	8100' - 1 3/4 °
1391' - 1 3/4 °	4320' - 2 °	6534' - 3 °	8539' - 1 1/2 °
1525' - 1 °	4445' - 1 1/2 °	6628' - 2 1/2 °	9068' - 1 3/4 °
2025' - 3/4 °	4915' - 1 °	6722' - 2 °	9320' - 1 3/4 °
2410' - 1 °			

Sincerely,

Gary W. Chappell  
Contracts Manager



OFFICIAL SEAL  
Barbara L. Carey  
NOTARY PUBLIC-STATE OF NEW MEXICO  
My commission expires: Sept 1, 2009

STATE OF NEW MEXICO )  
COUNTY OF EDDY )

The foregoing was acknowledged before me this 17th day of July, 2007 by Gary W. Chappell.

MY COMMISSION EXPIRES

Sept 1, 2009

Barbara L. Carey  
NOTARY PUBLIC