

N.M. Oil Cons. DIV-Dist. 2
UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
1301 W. Grand Avenue
Alhambra, NM 88210FORM APPROVED.
OMB NO. 1004-0137
Expires November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NO.
NM 0367181a. 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 _____

7. UNIT AGREEMENT NAME _____

2. NAME OF OPERATOR
Rubicon Oil & Gas, LLC (194266)8. FARM OR LEASE NAME, WELL NO.
Rhinestone 29 Federal Com #13. ADDRESS OF OPERATOR
508 W. Wall, Suite 500, Midland, TX 797013A. PHONE NO. (include area code)
432 687-5100

9. API NO.

30 005 63936 0051

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 " SEP 20 2007
At total depth " SEP 20 2007
OCD-ARTESIA10. FIELD AND POOL, OR EXPLORATORY
Diamond Mound (Morrow) 7607911. SEC., T., R., M. OR BLOCK AND SURVEY
OR AREA
Section 29, T15S, R28E12. COUNTY OR PARISH 13 STATE
Chaves NM

14. DATE SPUDDED

6-24-07

15. DATE T.D. REACHED

7-15-07

16. DATE COMPLETED

☐ D & A☒ READY TO PROD.

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

GR 3591'

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 jspt	30 holes	open
A)						
B)						
C)						
D)						

26. PERFORATION RECORD

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		→						

ACCEPTED FOR RECORD

DAVID R. GLASS

SEP 17 2007

DAVID R. GLASS
PETROLEUM ENGINEER

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



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,



OFFICIAL SEAL
Barbara L. Carey
NOTARY PUBLIC-STATE OF NEW MEXICO

My commission expires: Sept 1, 2009

Gary W. Chappell
Contracts Manager

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

Rubicon Oil & Gas, LLC
Rhinestone Federal 29 Com. 1
Diamond Mound Morrow
Chaves County, New Mexico

KB: 3608'
GL: 3591'

1200' FSL
1200' FWL
Section 29 Unit M
Township 15S
Range 28E

Existing Wellbore
API No. 30-005-63936

Spud: 6/23/2007
Rig Release: 7/16/2007
Frac'd: 7/31/2007

Bit Size: 17-1/2"

13-3/8" 54.50# K55 STC @ 420' Cmt w/ 440 sks CI C +
2%CC, Circ 125 sks to pit

Bit Size: 12-1/4"

8-5/8" 32# K55 STC @ 2025' w/ 460 sks Howco C Interfill
(11.9 ppg/2.45 ft3 yld) + 320sks C + 1%CC. Circ 90 sks to pit.

TOC by CBL 6950' (Gray Wireline 7/25/2007)
TOC by Calc 7000'

Bit Size: 7-7/8"

4-1/2" 11.6 ppf HCP110 LTC @ 9309' w/ 600 sks Howco Super
H w/ .5%Halad 344, .4% CFR-3, 5pps Gilsonite, 1 pps Salt, .2%
HR2 (13 ppg/1 70 ft3 yld), PD 1:30 PM 7/16/2007
Calculated TOC 7000'

TD: ~9320'
PBTD ~9185'

Wellhead:
7-1/16" 5k Cameron w/
2-2-1/16" master X 2-1/16" wing
Flanged 5k tree

Queen ~1100'
San Andres ~1900'

Tubb~4500'
Strawn ~8400'
Atoka ~8850'
Morrow ~9000'
Miss ~9150'

Tubing Detail:
Std. SN. Nipple
275 jts 2-3/8" L80 4.7 ppf EUE
Tbg hung @8977'

Morrow Perfs:
9080- 9090' 3 jsp (30 holes)
7/26/2007 Howco acid via tbg w/ 500gal 10% MCA
Broke 2643 psi, Est Rate 6 bpm @ 5955
ISIP 1695 1 min on vac
7/31/2007 Howco Frac via 4-1/2" csg w/
18,690 gal 30# puregel X-link + 115 tons CO2
70 Quality xlink foam + 34,000 18/40 versa prop
AIR 25.6 BPM, AIP 4987 psi
ISIP 3091, 5 min 2923, 10 min 2869, 15 min 2777
BLWTR 455, Swab & Flow clean up
Test 145 FTP 48/64 choke 2.1MMCFPD,
300 FTP 24/64 1.34 MMCFPD

HAL 8/17/2007