

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

See attached

FORM APPROVED
OMB NO 1004-0137
Expires July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a TYPE OF WELL. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO NM 7725	
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. RESVR. OTHER		6 IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Rubicon Oil & Gas, LLC 194266		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 508 W. Wall, Suite 500, Midland, TX 79701		8 FARM OR LEASE NAME, WELL NO Trigg 17 Fed, Well #1	
3A PHONE NO (include area code) 432 684-5100/684-6381		9. API NO. 30 015 37283	
4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 800' FNL & 800' FWL (D) At top prod interval reported below At total depth		10 FIELD AND POOL, OR EXPLORATORY Unclassified, Morrow	
14. DATE SPUDDED 10/14/2009		11 SEC. T, R, M OR BLOCK AND SURVEY OR AREA Sec 17, T16S, R30E	
15 DATE T D REACHED 11/08/2009		12 COUNTY OR PARISH Eddy County	
16 DATE COMPLETED <input type="checkbox"/> D & A <input type="checkbox"/> READY TO PROD		13 STATE NM	
18 TOTAL DEPTH, MD & TVD 10,803'		17 ELEVATIONS (DF, RKB, RT, GR, ETC) 3768' GR	
19 PLUG, BACK T.D.: MD TVD 10732'		20 DEPTH BRIDGE PLUG SET MD TVD 10,470'	

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

GR/CNL/CFL

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" H40	48#	0	458'		450 sx C poz		surface	none
12 1/4"	9 5/8" J55	36#	0	3002'		820 sx C poz		surface	none
8 3/4"	7" N80	26#	0	7575	7532 DV tool	998 sx H		surface	none
8 3/4"	5 1/2"	17#	7575'	10775'		1200 sx		surface	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)
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25. PRODUCING INTERVALS

FORMATION	TOP	BOTTOM
A) Morrow	10645	10695
B) Atoka	10340	10344
C) Abo	7480	7550
D) Yeso	4250	4400

26 PERFORATION RECORD

PERFORATED RECORD	SIZE	NO-HOLES	PERF STATUS

27. ACID, FRACTURE, TREATMENT CEMENT SQUEEZE, Etc

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
10149-10344, 10692-10650'	Atoka: 5000 gals 10% MCA, 30k gal gel w/144 tons CO2, 44k 20/40 prop, Morrow 2500 gal 10% MCA, 214k gal 30/60 prop, 87 tons 20/40 prop
7" & 5 1/2"	1st stage 1200 sx BJ15/61/11/CSE2; 1.58 ft3/sk, yld 13.2ppg, circ 337 sx off tool @ 7532 ft 2nd stage lead: 728 sx 50/50 H; 2.64 ft3/sk yld 11.8ppg 2nd stage tail 270 sx H, 1.18 ft3/sk yld 15.6 ppg circulated 18 sx to surface on 2nd stage

28 PRODUCTION INTERVAL A *****Please see wellbore diagram*****

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	
			→						

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	
			→						

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

ACCEPTED FOR RECORD
APR 2 2012
INGRAM
ENGINEERRECEIVED
APR 4 2012
NMOCD ARTESIA

DENIED

28b. 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. Sl	Csg. Press, Sl	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 APT	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press Flwg. Sl	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
				Queen	1994
				San Andres	2778
				Abo	6250
				Wolfcamp	7680
				Strawn	10,000
				Atoka	10,186
				Morrow	10,356'

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- Logs & survey on file w/BLM - 12-11-09

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 2-15-12 ann.wtor@gmail.com

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.

Rubicon Oil & Gas, LLC
Trigg Prospect

KB: 3786'

GL: 3768'

Trigg 17 Fed 1

Eddy County, New Mexico

As Completed Wellbore

30-015-37283

Prod:

TD'd: 11/11/09

Spud: 10/17/09

800' FNL & 800' FWL
Sec. 17, T16S, R30E, UL D
Eddy County, NM

Cameron 5k 7-1/16" Wellhead

Bit Size: 17-1/2" drilled to 465'
8.4-8.6 MW, 32+ Vis, FW Spud Mud

13-3/8" 48ppf H40 @ 462' w/ Cmt 450sks C 2% CC
(1 34 ft3 sk/14 8 ppg) Circ 75 sks to surface

Bit Size: 12-1/4" drilled to 3011'
10.0-10.5 MW, 28 vis, Brine w/ LCM sweeps for seepage

9-5/8" 36# J55 @ 3002' CMT w/ 620sks 50/50 Poz C (11 8 ppg,
2 45ft3/sk yld) + 200 sks C (14 8 ppg/ 1 35 ft3/sk yield) Circ 73
sks to surface

Queen 1994'
Premier 2736'
San Andres 2778'
Tubb 5461'
Abo 6250'
Wolfcamp 7680'
Cisco 8750'
Strawn 10000'
Atoka 10186'
Morrow 10356'
Morrow Classics 10600'
TD Miss ~ 10700'

DV Tool @ 7532' →

XO (7575') →

Bit Size: 8-3/4" drilled to 10,800'
3000'-8600' 8.6-9.0 MW FW & sweeps
8600'-10,800' 8.8-9.7 MW cutbrine salt gel, polymer & Starch

7" 26 ppf N80 LTC Surface to 7575'
5-1/2" 17 ppf P110 LTC 7575-10,775'

- 1) Cement Stg #1 from 10,800' to 7532' w/ 1200 sks BJ 15/61/11/CSE2, (1.58 ft3 yld/13.2ppg), Circ 337 sks off DV Tool to surface
- 2) Cement Stg #2 from 7532' to surface w/ 728 sks 50/50 H (2.64 ft3 yld/11.8 ppg) + 270 sks Class H (1 18 ft3 yld/ 15.6 ppg) Circ 18 sks to surface

PBTD (FC): 10,732' TD: ~10,803'

Tbg Configuration:
300 jts 2-3/8" L80 4.7ppf EUE
On/off tool w/ 1.83" F profile
5-1/2" AS1 10k pkr
6 jts 2-3/8" L80 4.7 ppf EUE
Notched collar
EOT @ 10,138', Pkr @ 9,920'

Proposed Completion Intervals:

Morrow 10,645-50', 10,693-95'
Atoka 10,340-44'
Abo 7,480-7,550
Yeso 4,250-4,400'
San Andres 2,810-20'

Additional Atoka perfs added: 10,149-51'(6), 10,171-10174' (9), 10,240-42'(6) 3jspf, 120° phase. Stimulate Atoka 10,149 to 10,344' w/ 4000 gal 10% MCA, 30k gal 30#/phaserfrac gel + 144 tons CO2 (66 quality) + 44k 20/40 ceramic prop w/ STP 4990 psi, AIR 29 bpm Flow test @ 150 MCFPD + 10 bbls Condensate, depleting and not commercial.

Atoka: perfs 10,340-44' (12) 3jspf, 120° phase. Acidize w/ 1000 gal 10% MCA, FG ~ .85. Flow test @ 150 MCFPD + 10 bbls Condensate.

Set composite bridge plug @ 10,470'

Morrow: perfs 10,692-95' (9) 10,645-50' (15) 3jspf, 120° Phase. Breakdown w/ 500 gal 10% MCA, FG ~.85, Frac w/ 2000 gal 10% MCA + 21.74k gal 30# xlink+90 tons CO2 (71 quality)+24k 20/40 versa prop. AIR 19.5 AIP 4795. Tested for ~100 mcfpd + 1 bbl condensate

Found free pipe on bond log from 10,722' PBTD to 10,445'. Perf 10,720 & 10,510'. Set retainer @ 10,520', block squeeze w/ 110 sks H (15.6ppg/1.18ft3 yld). DO and log good zone isolation.

Rubicon Oil & Gas, LLC
Trigg Prospect

KB: TBD'
GL: 3768'

800' FNL & 800' FWL
Sec. 17, T16S, R30E, UL D
Eddy County, NM

Trigg 17 Fed 1
Eddy County, New Mexico
Proposed Wellbore
30-015-XXXX

Prod:
TD'd:
Spud: 7/2009

Cameron 5k 7-1/16" Wellhead

Bit Size: 17-1/2" drilled to 450'
8.4-8.6 MW, 32+ Vis, FW Spud Mud

13-3/8" 48ppf H40 @ 450' w/ Cmt 450sks C 2% CC
Circ to surface

Bit Size: 12-1/4" drilled to 3000'
8.4-10.0 MW, 28 vis, FW w/ LCM sweeps for seepage

TOC planned 8000'.

9-5/8" 36# J55 @ 3000' CMT w/ 550sks C Interfill Lite 11 9
ppg, 2 1ft3/sk yld w/ 1/8# polyflake + 250 sks C 14 8 ppg, 1 26
ft3/sk yield w/ 2%CC Circ to surface

Queen ~ 2000'
Premier ~2700'
San Andres ~2800'
Tubb~5500'
Abo ~6300'
Wolfcamp ~7600'
Cisco~8700'
Strawn ~ 9950'
Atoka ~ 10250'
Morrow ~10400'
Morrow Clastics~10650'
TD Miss ~ 10700

Bit Size: 8-3/4" drilled to 10,800'
3000'-6300' 8.4-8.6 MW FW & sweeps
6300'-10,800' 8.8-9.4 MW cutbrine salt gel & Starch

4-1/2" 11.60# HCP-110 LTC 10,800'

1) Cement 10,800' to 8000' 500 sks Super H w/ .5% Halad 4, .4%
CFR-3, 3# salt, .2% HR 5. (1.73ft3/yld, 13ppg)

PBTD (FC): ~10,750' TD: ~10,800'

HAL 5/15/2009

**Trigg 17 Fed #1
30-015-37283
Rubicon Oil & Gas, LLC
April 2, 2012
Required Items**

- 1. Completion report for Morrow was amended to show correct casing, but did not show production as required. Was the Morrow ever produced commercially?**
- 2. Completion reports are incomplete – production section shall be completed. Completion reports shall refer to the actual producing formation, not all of the potential formations. The completion report is an official form, but the wellbore schematic is not.**
- 3. Operator has not submitted NOI requesting permission to recomplete to the Atoka formation as requested in December 2011. Morrow formation not adequately plugged for final abandonment.**
- 4. Operator to review area for pipelines into which a down hole commingled product from the Morrow and Atoka can be produced. Operator did not respond to this previous request.**
- 5. Operator to submit economics for laying a pipeline to move the gas to market. Operator has not responded to this request.**
- 6. Operator shall submit a plug and abandonment procedure for the well by April 16, 2012.**

WWI 040212