District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

[1] Operator name and Address	[2] OGRID Number
Rubicon Oil and Gas, LLC 508 W. Wall St. STE 500 Midland, TX 79701	14811
	[3] Reason for Filing Code/ Effective Date RC

[4] API Number	[5] Pool Name	[6] Pool Code
30 – 015-31698	Square Lake Grayburg-San Andres	57570
[7] Property Code	[8] Property Name	[9] Well Number
306014	Lonesome Dove 25 Fed ~~Com~~	1

II. [10] Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
G	25	16 S	29 E		1500	North	1980	East	Eddy

[11] Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

[12] Lse Code	[13] Producing Method Code	[14] Gas Connection Date	[15] C-129 Permit Number	[16] C-129 Effective Date	[17] C-129 Expiration Date
F	P				

III. Oil and Gas Transporters

[18] Transporter OGRID	[19] Transporter Name and Address	[20] O/G/W
214754	LPC Crude Oil, INC	O
[redacted]		[redacted]
36785	DCP Midstream	G
[redacted]		[redacted]
[redacted]		[redacted]
[redacted]		[redacted]
[redacted]		[redacted]

P+A Morrow

NM OIL CONSERVATION
ARTESIA DISTRICT
MAR 29 2016
RECEIVED

IV. Well Completion Data

[21] Spud Date	[22] Ready Date	[23] TD	[24] PBTD	[25] Perforations	[26] DHC, MC
4/18/01	~~6/14/01~~ 4-7-14	10856'	2978'	2681-2685'	

[27] Hole Size	[28] Casing & Tubing Size	[29] Depth Set	[30] Sacks Cement
26"	20"	40'	9sx ready mix
17-1/2"	13-3/8"	450'	495 sx
12-1/4"	8-5/8"	3050'	1460 sx
7-7/8"	5-1/2"	10856'	930 sx

V. Well Test Data

[31] Date New Oil	[32] Gas Delivery Date	[33] Test Date	[34] Test Length	[35] Tbg. Pressure	[36] Csg. Pressure
10/13/15		12/3/15	24 hrs.	250 psi	150 psi
[37] Choke Size	**[38] Oil**	**[39] Water**	**[40] Gas**		**[41] Test Method**
	7	18	132		P

[42] I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: Landon Goodgion

Printed name: Landon Goodgion

Title: Operations Engineer/Agent

E-mail Address: lgoodgion@adventurexpl.com

Date: 2/15/16

Phone: 432-687-5100

OIL CONSERVATION DIVISION

Approved by: Karen Sharp

Title: Bus Op Spec-Adv

Approval Date: 4-21-16

Pending BLM approvals will subsequently be reviewed and scanned

Form 3160-4
(August 2007)

NM OIL CONSERVATION
OCD Artesia
ARTESIA DISTRICT
MAR 29 2016
RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.: NM 12764

1a. 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 or CA Agreement Name and No.:

2. Name of Operator: Rubicon Oil & Gas

8. Lease Name and Well No.: Lonesome Dove 25 Fed Com 1

3. Address: 508 W. Wall St. STE 500, Midland, TX 79701

3a. Phone No. (include area code): 4326875100

9. API Well No.: 30-015-31698

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface: 1500' FNL & 1980' FEL, Sec 25, T16S, R29E, UL G

At top prod. interval reported below: 1500' FNL & 1980' FEL, Sec 25, T16S, R29E, UL G

At total depth: 1500' FNL & 1980' FEL, Sec 25, T16S, R29E, UL G

10. Field and Pool or Exploratory: Square Lake Grayburg-San Andres

11. Sec., T., R., M., on Block and Survey or Area: Sec 25, T16S, R29E, UL G

12. County or Parish: Eddy

13. State: NM

14. Date Spudded: 04/18/2001

15. Date T.D. Reached: 05/19/2001

16. Date Completed: ☐ D & A ☑ Ready to Prod. 9/9/2015

17. Elevations (DF, RKB, RT, GL)*: 3714' GL

18. Total Depth: MD 10856' TVD ~~N/A~~ 10856

19. Plug Back T.D.: MD 2978' TVD ~~N/A~~ 2978

20. Depth Bridge Plug Set: MD 3107' TVD N/A

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
N/A

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
	20			40'		Ready Mix			
17 1/2	13 3/8	48		450'		495 Sx Cl	C 118	Circ	
12 1/4	8 5/8	32		3050'		1460 Sx Cl	C 515	Circ	
7 7/8	5 1/2	17		10856'		930 Sx Cl	C 217	Circ	

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	2628'	N/A						

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Grayburg	2681	2701	2681-2685'	0.42	12	Open
B)			2688-2693'	0.42	15	Open
C)			2696-2701'	0.42	15	Open
D)						

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

Depth Interval	Amount and Type of Material
2681-2701'	2500 gal 15% HCL Acid, 6844 bbl slickwater w/12500# 100 mesh, 56200# 40/70 white and 10000# 30/50 SLC

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
10/13	12/3	24	→	7	132	18	39	0.6	Pumping

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
	250	150	→	7	132	18		Producing

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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					

Pending BLM approvals will subsequently be reviewed and scanned

*(See instructions and spaces for additional data on page 2)

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. SI	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. 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.)*

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	Descriptions, Contents, etc.	Name	Top Meas. Depth
Yates	1150				
7 Rivers	1381				
Queen	1933				
Grayburg	2366				
San Andres					
Glorieta	4116				

32. Additional remarks (include plugging procedure):

ACCEPTED FOR RECORD
PETROLEUM ENGINEER
MAR 18 2016
Kenneth Rennick
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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)* Landon Goodson Title Operations Engineer/Agent

Signature Date 2/15/16

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.

(Continued on page 3)

Site Facility Diagram
Rubicon Oil and Gas, LLC
Lonesome Dove Fed Com 1
NM 12764
30-015-31698
SW4 NE4 Sec 25, T16S, R29E
Eddy County, NM

Location of Site Security Plan
508 W. Wall St. STE 500
Midland, TX 79701

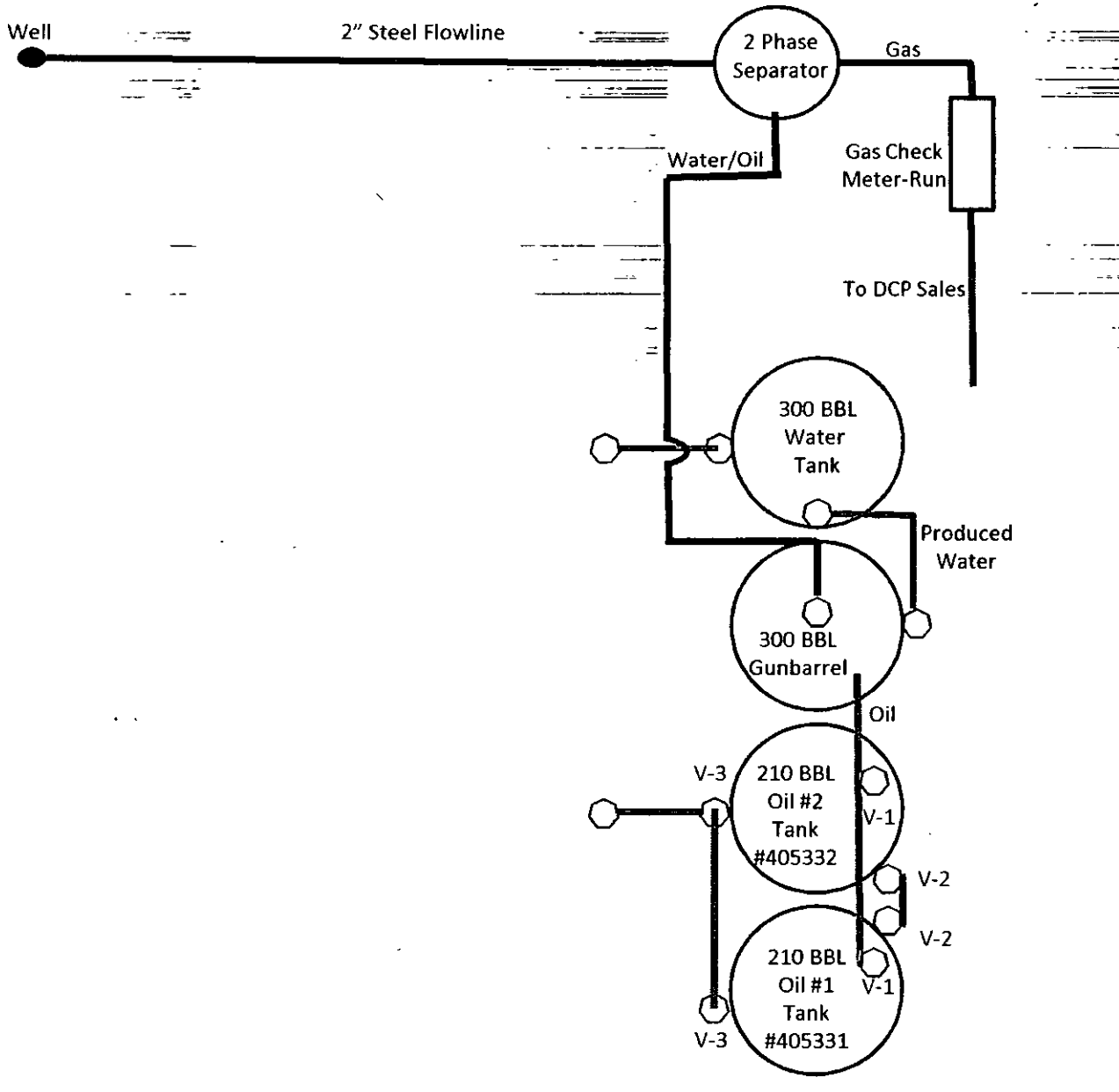
Production System-Open

Oil sales description as: by tank gauge to tank truck.

Seal requirements:

I. **Production Phase (OT #405331)**
    I. V-7 open
    II. V-1 open
    III. V-2 open
    IV. V-3 sealed closed
    V. Vavles on OT #405332
        I. V-1 closed
        II. V-3 sealed closed

II. **Sales Phase (OT #405332)**
    I. V-1 & 2 sealed closed
    II. V-3 open
    III. Valves on OT #405332
        I. V-1 open
        II. V-3 sealed closed



Monthly Meter Analysis

February, 2015

dcp Midstream

Meter #: 722099-00
Name: Overshot State 10-1

Sample
Date: 06/20/2013
Type: Spot

Pressure:	69.0	H2O:	lbs/mm
Temperature:	96.1	H2S:	0 ppm

Component	Mole %	Liquid Content	Mass %
Carbon Dioxide, CO2	2.0051		4.9554
Nitrogen, N2	0.3190		0.5018
Methane, C1	92.5123		83.3421
Ethane, C2	3.5491	0.9512	5.9928
Propane, C3	0.9223	0.2546	2.2838
Isobutane, iC4	0.1288	0.0422	0.4204
n-Butane, nC4	0.1687	0.0533	0.5506
Isopentane, iC5	0.0593	0.0217	0.2403
n-Pentane, nC5	0.0358	0.0130	0.1450
Hexanes Plus, C6+	0.2996	0.1310	1.5678
Water, H2O			
Hydrogen Sulfide, H2S	0.0000		0.0000
Oxygen, O2	0.0000		0.0000
Carbon Monoxide, CO			
Hydrogen, H2			
Helium, He	0.0000		0.0000
Argon, Ar			
Totals	100.0000	1.4670	100.0000

Property	Total Sample
Pressure Base	14.730
Temperature Base	60.00
Relative Density	0.6160
HV, Dry @ Base P,T	1054.15
HV, Sat @ Base P, T	1035.70
HV, Sat @ Sample P, T	
Fws Factor	
Cricondentherm	
HCDP @ Sample Pressure	
Free Water GPM	
Stock Tank Condensate Brls/mm	
26 # RVP Gasoline	0.269
Testcar Permian	0.437
Testcar Panhandle	0.493
Testcar Midcon	0.609

*** End of Report ***

Orifice Meter Test Report

dcp Midstream.

Meter: 713932-00 - lonesome dove 25 fed **Date Performed: October 15, 2015 12:59 Rev 1**

Producer:	Bobcat Production	City:		State ID:			
Division:		County:	Eddy	Federal ID:			
Area:		State:	New Mexico	API Code:			
Closing Group	NEW MEXICO SS	Agency:		Latitude:	32.8834288		
Last Test:	07/25/2015	Reason for Test:	Calibration	Longitude:	-104.0078846	Site Elevation:	

Flowing Conditions

	Found	Left	Average
Differential:	0.00	0.00	0.00
Pressure:	13.00	13.00	13.00
Temperature:	100.00	105.00	75.00
EFM Flow Rate:	0.00	0.00	
Battery Voltage:			

Meter Constants

Calculation Method:	AGA3-1992	FPV Method:	AGA8-Detail
PSIA/PSIG:	PSIA	Btu:	1187.60
Contract Atmos. Pres:	13.20	Specific Gravity:	0.69030
Pressure Base:	14.730	N2:	1.32200
Temp Base:	60	CO2:	0.38800

Meter Inspection

PrimBrand:	Daniel	Model:	Simplex	Ser #:	0160165
RTUBrand:	Totalflow	Model:	6213	Ser #:	t062945729
DP Range:	0-150	Model:	IMV	Ser #:	
SP Range:	0-100	Model:	IMV	Ser #:	
Tmp Range:	0-200	Model:	RTD	Ser #:	

Static Location: Upstream Tap Type: Flange

Replace Seal Ring: No Flow Cutoff: 0.40

Orifice Plate

Plate Size Existing (dr): 0.7500

Plate Size Found (dr): 0.7500 al Ring Inspection.

Tube ID Existing (Dr): 3.0710 Tube Serial:

Plate Inspected:	Yes	Plate Clean	Yes	Edge Sharp	Yes	Oily	No
		Smooth	Yes	Surface Flat	Yes	Dirty	No
		Bevel	Yes	Beveled DS	Yes	Rough	No
		Bowed	No	Nicked	No		

Plate Changed: Yes

New Plate Size (dr): 0.6250

DP Calibration

Standard		Found	Left	Flow Rate Error
Reset A.P.0		0.00		
Reset W.P.0	No	0.00	0.00	
0.00		0.00	0.00	
45.00		44.96	44.96	-0.04 %
75.00		74.95	74.95	-0.03 %
150.00		149.96	149.96	-0.01 %
120.00		119.96	119.96	-0.02 %
90.00		89.97	89.97	-0.02 %
30.00		29.99	29.99	-0.02 %
12.00		12.00	12.00	0.00 %
0.00		0.00	0.00	
4.00		4.01	4.01	0.12 %

SP Calibration

Atmos Press Source: Measured Obs. Atmos Press: 13.00

Standard (PSIG)	Found (PSIA)	Left (PSIA)	Flow Rate Error
0.00	13.06	13.06	0.23%
100.00	113.05	113.05	0.02%
50.00	63.07	63.07	0.06%

Temperature Calibration

Standard	Found	Left	Flow Rate Error
103.79	103.80	103.80	0.00%

Total Error:

Remarks:

Witness: Signed: Nesbit, R D

% errors stated on this report are based on spot averages and are not the values used for volume corrections. Settlement % error and volume calculations are performed in external processes

Orifice Meter Test Report

dcp Midstream

Meter: 713932-00 - lonesome dove 25 fed **Date Performed: July 25, 2015 11:18 Rev 1**

Producer:	Bobcat Production	City:		State ID:			
Division:		County:	Eddy	Federal ID:			
Area:		State:	New Mexico	API Code:			
Closing Group	NEW MEXICO SS	Agency:		Latitude:	32.8834288		
Last Test:	06/16/2014	Reason for Test:	Calibration	Longitude:	-104.0078846	Site Elevation:	

Flowing Conditions

	Found	Left	Average
Differential:	0.00	0.00	0.00
Pressure:	13.00	13.00	13.00
Temperature:	108.00	111.00	86.00
EFM Flow Rate:	0.00	0.00	
Battery Voltage:	13.74	19.61	

Meter Constants

Calculation Method:	AGA3-1992	FPV Method:	AGA8-Detail
PSIA/PSIG:	PSIA	Btu:	1187.80
Contract Atmos. Pres:	13.20	Specific Gravity:	0.69030
Pressure Base:	14.730	N2:	1.32200
Temp Base:	60	CO2:	0.38800

Meter Inspection

PrimBrand:	Daniel	Model:	Simplex	Ser #:	0160165
RTUBrand:	Totalflow	Model:	6213	Ser #:	t062945729
DP Range:	0-150	Model:	IMV	Ser #:	
SP Range:	0-100	Model:	IMV	Ser #:	
Tmp Range	0-200	Model:	RTD	Ser #:	

Static Location: Upstream Tap Type: Flange

Replace Seal Ring: No No Flow Cutoff: 0.40

Orifice Plate

Plate Size Existing (dr): 0.7500

Plate Size Found (dr): 0.7500 Seal Ring Inspection:

Tube ID Existing (Dr): 3.0710 Tube Serial:

Plate Inspected:	Yes	Plate Clean	No	Edge Sharp	Yes	Oily	No
		Smooth	Yes	Surface Flat	Yes	Dirty	Yes
		Bevel	Yes	Beveled DS	Yes	Rough	No
		Bowed	No	Nicked	No		

Plate Changed: No

New Plate Size (dr):

DP Calibration

Standard	Found	Left	Flow Rate Error
Reset A.P.0	0.11		
Reset W.P.0 No	0.11	0.00	
0.00	0.11	0.00	
45.00	45.11	45.01	0.12%
75.00	75.09	75.00	0.06%
150.00	150.12	150.03	0.04%
120.00	120.11	120.00	0.05%
90.00	90.09	90.00	0.05%
30.00	30.12	29.99	0.20%
12.00	12.15	12.01	0.62%
0.00	0.11	0.00	
4.00	4.14	4.00	1.73%

SP Calibration

Atmos. Press Source: Measured Obs. Atmos. Press: 13.10

Standard (PSIG)	Found (PSIA)	Left (PSIA)	Flow Rate Error
0.00	13.06	13.06	-0.15%
100.00	113.19	113.19	0.04%
50.00	63.10	63.10	0.00%

Temperature Calibration

Standard	Found	Left	Flow Rate Error
110.80	110.60	110.60	0.09%

Total Error:

Remarks:

Witness: Signed: Bonner, Deral W.

% errors stated on this report are based on spot averages and are not the values used for volume corrections. Settlement % error and volume calculations are performed in external processes.