OCD Artesia

Form 3160-4
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

5. LEASE DESIGNATION AND SERIAL NO.

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 AGREEMENT NAME

2. NAME OF OPERATOR
OGX Resources, LLC (217955)

8. FARM OR LEASE NAME, WELL NO.
Second Chance Federal Com, #1

3. ADDRESS OF OPERATOR
P.O. Box 2064, Midland, TX 79702

3A. PHONE NO. (include area code)
432-684-6381/686-3838

9. API NO.
30 015 33852

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 700 FSL & 700 FEL (P)
At top prod. interval reported below "
At total depth "

10. FIELD AND POOL, OR EXPLORATORY
Wildcat; Morrow (Gas)

11. SEC., T., R., M. OR BLOCK AND SURVEY OR AREA
Sec 29, T24S, R28E

12. COUNTY OR PARISH
Eddy

13. STATE
NM

RECEIVED
OCD - ARTESIA

14. DATE SPUDDED
4-9-06

15. DATE T.D. REACHED
6-6-06

16. DATE COMPLETED
☐ D&A ☒ READY TO PROD.
9-1-06

17. ELEVATIONS (DF,RKB,RT,GR,ETC.)
GR 2978'

18. TOTAL DEPTH, MD & TVD
12,885'

19. PLUG, BACK T.D.: MD -
TVD 12,732'

20. DEPTH BRIDGE PLUG SET: MD -
TVD -

21. TYPE ELECTRIC & OTHER MECHANICAL LOGS RUN (SUBMIT COPY OF EACH)
GR-FOC-CNL-DIL

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" J-55	48#	surface	650'		1350 sx		surface	none
12 1/4"	9 5/8" J-55	36#	surface	2600'		850 sx		surface	none
8 3/4"	7" J-55	26#	surface	10,394'		1225 sx		calc. 2390'	none
LINER	4 1/2"	11.6#	9837 to	12,885'	w/300 sx Cl C			into 7"	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 3/8/2 7/8"	12,200'	12,200'						

25. PRODUCING INTERVALS / 26. PERFORATION RECORD

	FORMATION	TOP	BOTTOM	PERFORATED RECORD	SIZE	NO. HOLES	PERF. STATUS
A)	Morrow	12,224'	12,800'	12,535-12,580'		134holes	producing
B)							
C)							
D)							

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
12,535-12,580'	2000 gals 7 1/2% acid
	37,000# & 149 tons CO2

28. PRODUCTION INTERVAL A 12,224 - 12,800'

DATE FIRST PRODUCED	TEST DATE	HOURS TESTED	TEST PRODUCTION	OIL BBL	GAS MCF	WATER BBL	OIL GRAVITY CORR. API	GAS GRAVITY	PRODUCTION METHOD
8-12-06	8-14-06	24	→	0	3173	28			flowing
CHOKE SIZE	**TBG. PRESS. FLWG.**	**CSG. PRESS**	**24 HR. RATE**	**OIL BBL**	**GAS MCF**	**WATER BBL**	**GAS : OIL RATIO**	**WELL STATUS**	
12/64"	SI 3413#		→					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.**	**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)

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 *(Sold, used for fuel, vented, etc.)*

Sales

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
SD & Chert & SH	12224	12800		Delaware Sand	2450'
LS	11800	12000		Bone Springs	6992'
SD & SH	9250	11800		Wolfcamp	9258'
SD & LM	8900	9200		Strawn	11,460'
SD & LM & SH	7800	8900		Atoka	11,664'
SD & SH	2600	7800			

32. Additional remarks (include plugging procedure):

33. Indicate which itmes 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)* Ann E. Ritchie Title Regulatory Agent

Signature ✓ Date 09/22/2006

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.

OXY USA PERMIAN

Deviation Summary Report

Well:SECOND CHANCE FEDERAL COM 0001			
Wellbore:ORIG HOLE/00			Spud Date: 4/9/2006
Project:WILDCAT		Site:UNASSIGNED	
Vertical Section 0.41 (°)	VS Origin N/S: 0.0 (ft)	VS Origin E/W: 0.0 (ft)	North Reference: True
Active Datum: ORIGINAL KB @2,998.5ft		Primary Location Desc.:3001533852	
Survey Name: Survey #1		Company:	
Start Date: 4/8/2006 End Date:		Label Not Found: INC	Engineer:

Tie On Point

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)
		0.41			

Survey Stations

Date	Station	MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	TFace (°)
4/7/2006	NORMAL	3,098.0	4.00	0.41	3,095.8	105.5	0.6	105.5	1.15	1.15		0.54
4/9/2006	Tie On	0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00		0.00
	NORMAL	172.0	1.75	0.41	172.0	2.6	0.0	2.6	1.02	1.02		0.41
	NORMAL	650.0	4.00	0.41	649.3	26.6	0.2	26.6	0.47	0.47		0.00
	NORMAL	650.0	4.00	0.41	649.3	26.6	0.2	26.6	0.00	0.00		0.00
4/11/2006	NORMAL	730.0	3.25	0.41	729.2	31.7	0.2	31.7	0.94	-0.94		180.00
	NORMAL	883.0	3.00	0.41	882.0	40.0	0.3	40.0	0.16	-0.16		180.00
4/12/2006	NORMAL	1,031.0	2.25	0.41	1,029.8	46.8	0.3	46.8	0.51	-0.51		180.00
	NORMAL	1,278.0	2.25	0.41	1,276.6	56.5	0.4	56.5	0.00	0.00		0.00
4/13/2006	NORMAL	1,348.0	1.00	0.41	1,346.6	58.5	0.4	58.5	1.79	-1.79		180.00
	NORMAL	1,788.0	1.25	0.41	1,786.5	67.1	0.5	67.1	0.06	0.06		0.00
4/14/2006	NORMAL	2,011.0	1.75	0.00	2,009.4	72.9	0.5	72.9	0.22	0.22		-1.42
	NORMAL	2,237.0	2.25	0.00	2,235.3	80.8	0.5	80.8	0.22	0.22		0.00
4/15/2006	NORMAL	2,364.0	1.75		2,362.2	85.3	0.5	85.3	0.39	-0.39		180.00
4/16/2006	NORMAL	2,460.0	1.00		2,458.2	87.6	0.5	87.6	0.78	-0.78		180.00
	NORMAL	2,600.0	1.00		2,598.1	90.0	0.5	90.0	0.00	0.00		0.00
4/17/2006	NORMAL	2,837.0	1.00	0.00	2,835.1	94.1	0.5	94.1	0.00	0.00		0.00
4/18/2006	NORMAL	3,110.0	1.00		3,107.8	106.0	0.6	106.0	25.00	-25.00		-179.86
	NORMAL	3,349.0	0.75		3,346.8	109.7	0.6	109.7	0.10	-0.10		180.00
	NORMAL	3,600.0	0.25		3,597.8	111.9	0.6	111.9	0.20	-0.20		180.00
4/19/2006	NORMAL	3,985.0	0.25		3,982.8	113.6	0.6	113.6	0.00	0.00		0.00
	NORMAL	4,397.0	0.75		4,394.8	117.2	0.6	117.2	0.12	0.12		0.00
4/20/2006	NORMAL	4,781.0	0.50		4,778.7	121.3	0.6	121.3	0.07	-0.07		180.00
	NORMAL	5,197.0	1.00		5,194.7	126.8	0.6	126.8	0.12	0.12		0.00
4/21/2006	NORMAL	5,613.0	0.75		5,610.7	133.1	0.6	133.1	0.06	-0.06		180.00
4/22/2006	NORMAL	6,029.0	1.00		6,026.6	139.5	0.6	139.5	0.06	0.06		0.00
	NORMAL	6,250.0	1.00		6,247.6	143.4	0.6	143.4	0.00	0.00		0.00
	MISRUN	6,507.0			6,507.0	0.0	0.0	0.0	0.00	0.00		0.00
4/23/2006	NORMAL	6,539.0	2.00		6,512.4	313.6	0.6	150.9	0.35	0.35		0.00
	NORMAL	6,666.0	2.25		6,639.3	318.3	0.6	318.3	0.20	0.20		0.00
	NORMAL	6,794.0	2.00		6,767.2	323.1	0.6	323.1	0.20	-0.20		180.00
4/24/2006	NORMAL	6,953.0	2.00	0.00	6,926.1	328.6	0.6	328.6	0.00	0.00		0.00
4/25/2006	NORMAL	7,205.0	2.25		7,178.0	338.0	0.6	338.0	0.10	0.10		0.00
	NORMAL	7,360.0	2.00		7,332.9	343.7	0.6	343.7	0.16	-0.16		180.00
4/26/2006	NORMAL	7,485.0	2.00		7,457.8	348.1	0.6	348.1	0.00	0.00		0.00
	NORMAL	7,611.0	2.00		7,583.7	352.5	0.6	352.5	0.00	0.00		0.00
4/27/2006	NORMAL	7,824.0	2.00		7,796.6	359.9	0.6	359.9	0.00	0.00		0.00
	NORMAL	7,992.0	1.75		7,964.5	365.4	0.6	365.4	0.15	-0.15		180.00
4/28/2006	NORMAL	8,160.0	1.50		8,132.4	370.2	0.6	370.2	0.15	-0.15		180.00
	NORMAL	8,403.0	1.75		8,375.3	377.1	0.6	377.0	0.10	0.10		0.00

OXY USA PERMIAN

Deviation Summary Report

Well:SECOND CHANCE FEDERAL COM 0001			
Wellbore:ORIG HOLE/00			Spud Date: 4/9/2006
Project:WILDCAT		Site:UNASSIGNED	
Vertical Section 0.41 (°)	VS Origin N/S: 0.0 (ft)	VS Origin E/W: 0.0 (ft)	North Reference: True
Active Datum: ORIGINAL KB @2,998.5ft		Primary Location Desc.:3001533852	
Survey Name:	Survey #1	Company:	
Start Date: 4/8/2006	End Date:	Label Not Found: INC	Engineer:

Tie On Point

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)
		0.00			

Survey Stations

Date	Station	MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	TFace (°)
4/29/2006	NORMAL	8,653.0	3.00	0.00	8,625.1	387.4	0.6	387.4	0.50	0.50		0.00
	NORMAL	8,812.0	2.50	0.00	8,783.9	395.0	0.6	395.0	0.31	-0.31		180.00
4/30/2006	NORMAL	9,064.0	2.50	0.00	9,035.7	406.0	0.6	406.0	0.00	0.00		0.00
5/1/2006	NORMAL	9,382.0	2.25	0.00	9,353.4	419.2	0.6	419.2	0.08	-0.08		180.00
5/2/2006	NORMAL	9,663.0	2.00	0.00	9,634.2	429.6	0.6	429.6	0.09	-0.09		180.00
5/3/2006	NORMAL	9,973.0	1.50	0.00	9,944.1	439.1	0.6	439.1	0.16	-0.16		180.00
5/5/2006	NORMAL	10,394.0	1.75	0.00	10,364.9	451.0	0.6	451.0	0.06	0.06		0.00
5/11/2006	NORMAL	10,623.0	1.25	0.00	10,593.8	457.0	0.6	457.0	0.22	-0.22		180.00
5/16/2006	NORMAL	10,876.0	0.75	0.00	10,846.8	461.4	0.6	461.4	0.20	-0.20		180.00
5/19/2006	NORMAL	11,161.0	1.00	0.00	11,131.7	465.8	0.6	465.8	0.09	0.09		0.00
5/21/2006	NORMAL	11,546.0	0.75	0.00	11,516.7	471.7	0.6	471.7	0.06	-0.06		180.00
5/25/2006	NORMAL	12,050.0	0.25	0.00	12,020.7	476.1	0.6	476.1	0.10	-0.10		180.00
5/26/2006	NORMAL	12,231.0	0.25	0.00	12,201.7	476.9	0.6	476.9	0.00	0.00		0.00
5/27/2006	NORMAL	12,333.0	0.75	0.00	12,303.7	477.8	0.6	477.7	0.49	0.49		0.00
6/1/2006	NORMAL	12,595.0	0.25	0.00	12,565.7	480.0	0.6	480.0	0.19	-0.19		180.00
6/4/2006	NORMAL	12,885.0	0.25	0.00	12,855.7	481.3	0.6	481.3	0.00	0.00		0.00

Submit in duplicate to appropriate district office.
See Rule 401 & Rule 1122

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-122
Revised October, 1999

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator	OGX RE SOURCES LLC					Lease or Unit Name	SECOND CHANCE FED COM		
Type Test ☑ Initial ☐ Annual ☐ Special						Test Date	8/14/06	Well No.	1
Completion Date	Total Depth	12580	Plug Back TD			Elevation		Unit Ltr - Sec - TWP - Rge	P - 29 - 24 - 28
Csg. Size 7" 4 1/2"	Wt.	d	Set At	12580	Perforations: From: 9834 To: 12580			County	EDDY
Tbg. Size N/A	Wt.	d	Set At		Perforations: From: To:			Pool	
Type Well-Single-Bradenhead-G.G. or G.O. Multiple	SINGLE		Packer Set At	N/A				Formation	MORROW
Producing Thru	Reservoir Temp.°F		Mean Annual Temp. °F		Baro. Press.-P_a			Connection	
TBG	186.1 @ 11207		60		13.2				

L	H	Gg	%CO_2	%N_2	%H_2S	Prover	Meter Run	Taps
11207	11207	0.572				N/A	3.068	FLG

	FLOW DATA					TUBING DATA		CASING DATA		
No.	Prover Line Size	x Orifice Size	Press p.s.i.g.	Diff. h_w	Temp. °F	Press p.s.i.g.	Temp. °F	Press p.s.i.g.	Temp. °F	Duration of Flow
SI						6400		N/A		24 HRS
1	3	X 1.500	501	71.9	32	3400		"		24 HRS
2										
3										
4										
5										

RATE OF FLOW CALCULATIONS

No.	COEFFICIENT (24 Hour)	$\sqrt{h_w P_m}$	Pressure P_m	Flow Temp. Factor Ft.	Gravity Factor F_g	Super Compress Factor F pv	Rate of Flow Q. Mcfd
1	11.13	192.28	514.2	1.028	1.322	1.01	3,173
2							
3							
4							
5							

No.	P_r	Temp. °R	T_r	Z
1	1.3	420	1.42	0.84
2				
3				
4				
5				

Gas Liquid Hydrocarbon Ratio	DRY GAS		Mcf bbl.
A.P. I. Gravity of Liquid Hydrocarbons	DRY		Deg.
Specific Gravity Separator Gas	0.572	XXXXXXX	
Specific Gravity Flowing Fluid	XXXXX	N/A	
Critical Pressure	672	P.S.I.A.	P.S.I.A.
Critical Temperature	346	R.	R

P_c 6413.2 P_c^2 41129.1

No.	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		3413.6	11652.3	29476.8
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ 1.395 (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n =$ 1.395

AOF = Q 79825 $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n =$ 4.427

Absolute Open Flow	4,427	Mcfd @ 15.025	Angle of Slope ():	45	Slope n: 1

Remarks: WELL PRODUCED 28.25 BBLS H20

Approved By Division:	Conducted By:	Calculated By:	Checked By:
	Sonic Petroleum Services	BM	BM

[illegible] RESOURCES LLC LEASE : S. CH FD COM WELL NO. : 1

UNIT : P SECTION : 29 TOWNSHIP : 24

L : 11207 H : 11207 L/H : 1 G/GMIX : 0.572

%CO2 : %N2 : H2S : DATE :8-14-06

d : 5.155 Fr :0.001536 GH : 6410.4 RANGE : 28

VOL 1 : 3173 PSIA 1 : 3413.2 RESV.TEMP 186.1

VOL 2 : PSIA 2 :

VOL 3 : PSIA 3 : SHUT-IN PR= 6413.2

VOL 4 : PSIA 4 :

PCR : 692

TCR : 346

LINE	RATE 1 `1ST	`2ND	RATE 2 `1ST	``2ND	RATE 3 `1ST	`2ND	RATE 4 `1ST	`2ND
1 QM	3.173	3.173	0.000	0.000	0.000	0.000	0.000	0.000
2 TW	534	534	534	534	534	534	534	534
3 Ts	646.1	646.1	646.1	646.1	646.1	646.1	646.1	646.1
4 T	590.0	590.0	590.0	590.0	590.0	590.0	590.0	590.0
PR (est)	4.93		0.00		0.00		0.00	
5 Z(est)	0.865	0.886	ERR	ERR	ERR	ERR	ERR	ERR
6 TZ	510.4	522.7	ERR	ERR	ERR	ERR	ERR	ERR
7 GH/TZ	12.559	12.265	ERR	ERR	ERR	ERR	ERR	ERR
8 eS	1.602	1.584	ERR	ERR	ERR	ERR	ERR	ERR
9 1-e-S	0.376	0.369	ERR	ERR	ERR	ERR	ERR	ERR
10 Pt	3413.2	3413.2	0.0	0.0	0.0	0.0	0.0	0.0
11 Pt2 /1000	11649.9	11649.9	0.0	0.0	0.0	0.0	0.0	0.0
12 Fr	0.001536	0.001536	0.001536	0.001536	0.001536	0.001536	0.001536	0.0015360
13 Fc=FrTZ	0.784	0.803	ERR	ERR	ERR	ERR	ERR	ERR
14 FcQm	2.49	2.55	ERR	ERR	ERR	ERR	ERR	ERR
15 L/H(FcQm)	6.2	6.5	ERR	ERR	ERR	ERR	ERR	ERR
16 Fw	2.324644	2.392483	ERR	ERR	ERR	ERR	ERR	ERR
17 Pw2	11652.3	11652.3	ERR	ERR	ERR	ERR	ERR	ERR
18 Ps2	18661.4	18457.0	ERR	ERR	ERR	ERR	ERR	ERR
19 Ps	4319.9	4296.2	ERR	ERR	ERR	ERR	ERR	ERR
20 P	3866.5	3854.7	ERR	ERR	ERR	ERR	ERR	ERR
21 Pr	5.59	5.57	ERR	ERR	ERR	ERR	ERR	ERR
22 Tr	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.71
23 Z	0.886	0.885	ERR	ERR	ERR	ERR	ERR	ERR

Pc = 6413.2 Pc2 = 41129.1

Pt2 = ******* Pw = 3413.6

0.0 ERR

0.0 ERR

0.0 ERR

Pc2-Pw2= ******* Pw2 = 11652.3

ERR ERR

ERR ERR

ERR ERR

n = 1.000

Pc2/(Pc2-Pw2) = 1.395

ERR

ERR

ERR

[Pc2/Pc2-Pw2]n = 1.395

ERR

ERR

ERR

AOF= Q 4.427

ERR

ERR

ERR

FORM C122-D

0GX RESOURCES LLC

SECOND CHANCE FED COM # 1