



OCD-ARTESIA

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No 1004-0137
Expires July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.5. Lease Serial No.
NMNM048344

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

7. If Unit of CA/Agreement, Name and/or No.

1. Type of Well

☒ Oil Well☐ Gas Well☐ Other8. Well Name and No
Williams A Federal #1 Facility D2. Name of Operator
Lime Rock Resources A, L.P.9. API Well No
30-015-325543a. Address
1111 Bagby Street, Suite 4600
Houston, Texas 770023b. Phone No. (include area code)
713-292-951410. Field and Pool or Exploratory Area
Artesia, Glorietta-Yeso (96830)4. Location of Well (Footage, Sec., T. R., M., or Survey Description)
590' FSL & 2,185' FWL (SE 1/4 / SW 1/4) of Sec 29, T17S, R28E, NWP11. Country or Parish, State
Eddy Co., NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Variance to
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	OO#4.III.C.1

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Lime Rock Resources A, L.P. requests a variance from Onshore Order #4.III.C.1 for the Williams A Federal #1 Tank Battery, Federal Lease #NMNM048344, for the use of Exterior Gauging Equipment and is attaching the following information:

1. Pumpers Daily Gauge sheets for the last 3 months.
2. Run Tickets for the last 6 sales that include oil gravity.
3. H2S Concentration in the storage tanks & gas stream.

Exterior gauging system that is not vapor tight will not be approved.

Tanks must be liquid and vapor tight.

Rejected w/ program 8/9/2010

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)
C. Tim Miller

Title Chief Operating Officer

Signature

Date 01/08/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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

(Instructions on page 2)

SDX RESOURCES, INC.

MONTHLY GAUGE REPORT

Pumper J. FISHERSentinel Trucking 432-
Pro-Chem 575-396ime: **WILLIAMS A FED**Month / Year September 04

LRR Lse # 24300

Trans Lse # 77219

1			Tank # 2			Tank #			Static	Total Oil Prod. BBL	Total Gas Prod. MCF	Produced Water		#1, 4, 5 Comments
BBL	Oil	Prod.	Size	BBL	Oil	Size	BBL	Oil				Meter or Gauge	BBL	
1.66			BBL/in.	1.66		BBL/in.								
In.	Frac.		Ft.	In.	Frac.	Ft.	In.	Frac.						
4	1/2		3	0		.9			25.5	14.94	49.2	203992	47	
			3	10		.10			25.9	16.60	49.5	203039	47	
			4	9		.11			26.1	18.26	49.4	203083	44	
			5	7		.10			27.0	16.60	49.1	203133	50	
			6	5		.10			24.7	16.60	48.5	203177	44	
			7	4		.11			24.9	18.26	48.9	203225	48	
			8	3		.13			24.1	18.26	49.5	203273	50	
			9	1	1 1/4	.10			25.8	16.60	48.5	203322	47	
4	1/2		10	2	1 1/4	1-1 1/4			23.0	22.00	50.1	203371	49	
			1 1/4	2 1/4	1 1/2	CM 4 1/2			24.5	19.09	49.7	203417	46	
			3	2		.11			24.4	18.26	49.4	203465	48	
			4	2		.11			24.8	18.26	49.0	203507	42	
			5	0		.10			24.7	16.60	47.6	203547	40	
			6	0		1-0			24.4	19.92	49.0	203597	50	
			6	11		.11			24.5	18.26	49.0	203642	45	
			7	9		.10			23.6	16.60	49.6	203687	45	
			8	8		.11			25.4	18.26	48.3	203734	47	
			9	7	1 1/2	.11			26.1	18.26	48.5	203779	45	
4	1/2		10	4	1 1/2	.9 1/2			24.9	15.77	49.6	203817	38	
1		8 1/2							23.3	14.11	48.0	203863	46	
0		.11	1	5		CE5380			24.6	18.26	48.9	203907	44	
10		.10							24.0	16.60	48.3	203950	43	
6		.8							23.8	13.28	46.0	203980	30	
3		.9							24.3	14.94	46.4	204010	30	
0		.9							23.4	14.94	47.2	204046	36	
9		.9							23.7	10.94	47.3	204085	39	
7		.10							24.6	16.60	48.2	204126	41	
3		.8							24.5	13.28	48.2	204166	40	
0	1 1/2	.9							24.5	14.94	47.4	204203	37	#4 - HOT WATER
11	1/2	.11 1/2	1	5					23.7	19.09	48.5	204307	104	
			2	5		1-0			23.0	19.92	50.2	204366	59	

SDX RESOURCES, INC.

MONTHLY GAUGE REPORT

Pumper J. F. Doe

Sentinel Trucking 43:

Pro-Chem 575-31

Name: **WILLIAMS A FED**Month / Year October 09

LRR Lse # 24300

Trans Lse # 77219

1.			Tank # 2.						Tank #.				Static	Total Oil Prod. BBL	Total Gas Prod. MCF	Produced Water		#1, 4, 5 Comments		
300			Size 300			BBL Oil			Size			BBL Oil				Meter or Gauge	BBL			
1.66			BBL/in. 1.66			BBL Oil			BBL/in.			BBL Oil								
In.	Frac.	Prod.	Ft.	In.	Frac.	Prod.	Ft.	In.	Frac.	Prod.	Ft.	In.	Frac.	Prod.						
0		1/2	2	5		1-0								23.0	20.75	50.2	204366	59		
4		053904	3	4		.11								24.4	18.26	48.9	204426	60		
			4	4		1-0								25.4	19.92	47.7	204480	54		
			5	2		.10								25.3	16.60	46.9	204527	47		
			6	3		1-1								23.8	21.58	48.6	204583	56		
			7	2		.11								24.0	18.26	48.6	204636	53		
			8	2		1-0								24.2	19.92	48.7	204686	50		
			9	1		.11								24.8	18.26	47.7	204733	47		
4			10	0		.11								23.2	18.26	47.9	204783	50		
2		.10	10-0	1-4		CN5947								23.4	16.60	48.2	204836	53		
1		.11												23.2	18.26	46.9	204886	60		
0		.11												27.7	18.26	48.6	204938	52		
0		1-0												25.1	19.92	47.2	204982	44		
11		.11												23.0	18.26	45.7	205028	46		
10		.11												23.8	18.26	47.2	205077	49		
9		.11												23.7	18.26	46.2	205125	48		
9		1-0												23.1	19.92	47.3	205174	49		
7		.10												23.6	16.60	46.6	205215	41		
8	1/8	1-1	1	4										23.1	21.58	47.5	205266	51		
			2	3		.11								22.7	18.26	47.8	205315	49		
10		CR5042	3	1		.10								22.9	16.60	47.3	205362	47		
			4	0		.11								22.8	18.26	46.1	205408	46		
			4	11		.11								22.6	18.26	45.5	205451	43		
			5	8		.9								24.0	14.94	44.9	205498	47		
			6	7		.11								25.4	18.26	45.9	205540	42		
10			7	5		.10								24.9	16.60	45.3	205580	40		
			8	0		.7								25.3	11.62	29.6	205611	31	#4-Down / WORKOVER	
			8	8	1/8	.8								23.7	13.28	27.7	205644	33	#4-Down / WORKOVER	
			9	4		.8								24.3	13.28	28.4	205681	37	#4-Down / WORKOVER	
			10	0		.8								25.4	13.28	26.6	205719	38	#4-Down / WORKOVER	
3		.5	10-0	1-4 1/2		CQ3894								23.6	8.30	28.0	205748	29		
11		.8												25.0	13.28	25.6	205824	76	#4-	

DX RESOURCES, INC.

MONTHLY GAUGE REPORT

Pumper

J. F. Sator

Sentinel Trucking 432-
Pro-Chem 575-396

me: WILLIAMS A FED #2

Month / Year September 09

LRR Lse # 24350

Trans Lse # 77661

1			Tank # 2			Tank #			Total			Produced Water			AUG - 85 oil - 128 mcf	
300			Size 300			BBL			Oil			Gas			#2, 6, 3, 7	
1.66			BBL/In. 1.66			Oil			Prod.			MCF			Comments	
In.	Frac.	Prod.	Fl.	In.	Frac.	Prod.	Fl.	In.	Frac.	Prod.	Static	Oil Prod. BBL	Total Gas Prod. MCF	Meter or Gauge	BBL	
6			1	9	3/4						27.4	131.14	227.8	135624	239	#8 - 46 oil 100 mcf
1	1/8	6.7									27.4	131.14	230.0	135870	246	#8 - 46 oil 102 mcf
4	1/8	6-2/4	1	3	3/4	C33842					28.7	124.09	231.7	136110	240	#8 - 39 oil 104 mcf
11		6-1	1	3	3/4						28.4	121.8	228.1	136346	236	#8 - 35 oil 100 mcf
1	1/2	C33741	7	0	7/2	5-8 1/4					25.6	113.29	222.1	136562	216	#8 - 28 oil 94 mcf
1	1/2	10	10	4		6-4					26.7	126.16	227.8	136804	212	#8 - 41 oil 100 mcf
2	1/4	6-1 1/4	4	6	3/2	C35206					25.3	121.18	228.8	137048	214	#8 - 36 oil 101 mcf
5	1/4	C33753	11	4	1/4	6-8 1/4					27.0	133.22	225.0	137298	250	#8 - 47 oil 97 mcf
5	1/8	5-11 3/4	2	5		C35329					24.6	119.11	224.8	137534	236	#8 - 34 oil 99 mcf
4		6-2	2	5							26.1	124.50	227.9	137762	228	#8 - 38 oil 100 mcf
9		C44123	8	5	1 1/8	6-8					26.3	119.52	240.8	137994	232	#8 - 35 oil 113 mcf
9	1/8		14	3	1/2	5-10 1/2					26.5	117.03	223.8	138217	223	#8 - 31 oil 96 mcf
7	1/2	5-10 1/2									26.2	117.03	216.2	138458	221	#8 - 32 oil 88 mcf
5 1/2	8 3/8	C33623	4	11		C35717					25.1	128.45	219.8	138682	244	#8 - 44 oil 92 mcf
3	1/2	6-0 1/2	4	11	1 1/8						26.2	120.35	220.7	138909	227	#8 - 35 oil 93 mcf
7	3/4	C33715	9	8		4-9 1/4					24.4	95.04	203.9	139054	115	#8 - 37 oil 76 mcf
9	1/4	5-2 1/4	10 9/16	11 1/16	C44108	1-1					24.5	124.92	210.1	139301	252	#8 - 38 oil 82 mcf
	3/4	C33780	8	1	1 1/4	6-2					24.8	122.84	221.8	139548	212	#8 - 38 oil 94 mcf
1	3/4		14	5		6-4					25.1	126.16	216.6	139787	239	#8 - 41 oil 89 mcf
7	7/8	6-5 1/4	14-6	5-1		C35379					25.2	128.23	220.7	140022	235	#8 - 43 oil 93 mcf
7 1/2	5-11	C33818	5	1	7/2						24.4	117.86	224.9	140259	237	#8 - 33 oil 97 mcf
8	3/4	5-11 3/4	10	9		5-8					24.9	118.28	218.6	140481	222	#8 - 33 oil 91 mcf
7	1 1/8	C44224	12 1/2	3 1/4	1-5	C35798					24.6	112.88	214.8	140700	219	#8 - 28 oil 87 mcf
5		5-16	3	4	1 1/8						25.8	125.75	216.4	140930	230	#8 - 41 oil 88 mcf
			9	1		5-9					24.5	117.86	215.2	141158	228	#8 - 31 oil 87 mcf
			12 1/2	3 1/2	6-7	6-5	7 1/2				25.3	114.54	217.3	141384	226	#8 - 30 oil 89 mcf
6	1 1/8	C33889	12	9	1/4	6-2 1/4					25.9	127.82	217.1	141619	235	#8 - 43 oil 89 mcf
2	1/4	5-8 1/4	3	11	3/4	C35517					26.1	123.26	219.9	141844	225	#8 - 38 oil 92 mcf
5	1/2	C44200	10	0		6-0 1/4					25.1	119.94	227.0	142060	216	#8 - 28 oil 90 mcf
														142290	280	#8 - 35 oil 99 mcf
8		6-2 1/2									24.5	123.67	223.9	142536	246	#8 - 39 oil 96 mcf

SDX RESOURCES, INC.

MONTHLY GAUGE REPORT

Pumper

J. Fisher

Sentinel Trucking 43:
Pro-Chem 575-31

Name: WILLIAMS A FED

Month / Year 11/09

LRR Lse # 24300

Trans Lse # 77219

1		Tank # 2					Tank #				Static	Total Oil Prod. BBL	Total Gas Prod. MCF	Produced Water		Oil 42 mil	#1, 4, 5	Comments
300		BBL Oil Prod.	Size 300			BBL Oil Prod.	Size			BBL Oil Prod.				Meter of Gauge	BBL			
In.	Frac		BBL/in.	1.66			BBL/in.	Ft.	In.									
11		.8	1	4	1/2						25.0	13.28	25.6	205824	76	#4 - 8 oil	0.	
10		.11									26.3	18.26	25.4	205927	103	#4 - 5 oil	0.	
2		.4									30.0	6.44	26.0	206069	142	#4 - 7 oil	0.	
2		0									23.2	0	7.6	206073	4	ALL WELLS 515		
2		0									22.0	0	0	206073	0	ALL WELLS 515 1H		
2		0									22.0	0	0	206073	0	ALL WELLS 515 1H		
2		0									26.0	0	59.3	206073	0			
2		0									24.6	0	60.4	206302	229			
2		0								BUILDING 9	0.1	PAO	67.4	206611	309	#4 - 8 oil	0 mcf	
2		0								BUILDING 9	0.1	PAO	70.5	206851	240	#4 - 8 oil	26 mcf	
2		0								BUILDING 9	0.1	PAO	73.3	207095	244	#4 - 8 oil	31 mcf	
2		0									25.1	0	75.1	207247	252	#4 - 8 oil	33 mcf	
2	1/10	2.0									24.9	32.84	71.3	207576	229	#4 - 27 oil	20 mcf	
10	1/10	2.8	1	4	1/2						25.4	63.12	71.3	207761	185	#4 - 40 oil	29 mcf	
9	3/4	1-11/16	2	7	1-2 1/2						25.2	63.50	74.6	207952	195	#4 - 40 oil	33 mcf	
			4	1	1-6						24.7	29.88	73.4	208165	209	#4 - 17 oil	31 mcf	
	1/8		6	4	1-3						25.3	24.90	73.5	208349	184	#4 - 12 oil	32 mcf	
6	3/4	CESS72	6	7	1-3						24.1	24.90	68.6	208479	122	#4 - 12 oil	27 mcf	
			7	8	1-1						24.5	21.58	61.8	208588	109	#4 - 9 oil	20 mcf	
			8	9	1-1						25.1	21.58	59.8	208719	131	#4 - 9 oil	18 mcf	
6	3/4		9	11	1-2						24.3	23.24	58.0	208830	111	#4 - 10 oil	16 mcf	
3	*	.8 1/4	10	1	1/4	1-2 1/4					26.7	17.43	57.5	208958	128	#4 - 4 oil	16 mcf	
3		1-0									27.7	19.92	56.9	209083	125	#4 - 7 oil	15 mcf	
6		1-2			1/2						25.7	23.24	62.2	209266	183	#4 - 10 oil	20 mcf	
7		1-2	1	4	1/2	CM 4402					26.0	23.24	68.4	209450	190	#4 - 10 oil	26 mcf	
9		1-2									24.9	23.24	70.6	209640	184	#4 - 10 oil	29 mcf	
3	1/2	1-6									26.2	29.88	78.1	209841	201	#4 - 17 oil	36 mcf	
7		1-9	1	4							20.6	26.56	71.1	210027	186	#4 - 14 oil	29 mcf	
4		.9	1	10	.6						24.0	24.90	70.2	210222	195	#4 - 12 oil	28 mcf	
7	3/4	CESS75	3	2	1-4						24.4	26.56	67.3	210435	213	#4 - 14 oil	25 mcf	
			4	6	1-4						31.8	26.56	67.0	210620	185	#4 - 14 oil	25 mcf	

SDX RESOURCES, INC.

MONTHLY GAUGE REPORT

Pumper

J. F. 193402

Sentinel Trucking 43

Pro-Chem-575-31

Name: WILLIAMS A FED #2

Month / Year October 09

LRR Lse # 24350

Trans Lse # 77561

1			Tank # 2			Tank #			Total			Total			Produced Water			Avg. 85 oil 128 mcf		
300			BBL			Size 300			BBL			Size			Oil			Meter		
1.66			Oil			BBL/In. 1.66			Oil			BBL/In.			Prod.			or		
In.	Frac.	Prod.	Fl.	In.	Frac.	Prod.	Fl.	In.	Frac.	Prod.	Static	Oil	Gas	Prod.	Meter	BBL	Comments	#2, 6, 3,		
8	1 1/2	6-2 1/2	9	11	3/4						24.5	123.67	223.9	142536	246		#8-39 oil 96 mcf			
5		4-9	1	4	1/4	CM4211					25.9	94.62	197.6	142746	210		#8-11 oil 70 mcf			
10		CR3817	6	9	1/2	5-4 3/4					27.0	107.49	208.1	142993	247		#8-22 oil 80 mcf			
10	1 1/2	6-3 1/2	12	5	3/4	5-8 3/4					26.6	114.13	200.2	143166	173		#8-28 oil 72 mcf			
1			3	8		CS3908					24.5	125.33	210.5	143405	239		#8-40 oil 83 mcf			
			7	8		6-0					26.3	119.52	211.5	143635	230		#8-35 oil 84 mcf			
4		CIS446	12	3 1/2	6-4 1/2	CR3632					24.6	104.58	210.2	143858	203		#8-20 oil 82 mcf			
4			12	6		6-2					26.3	122.84	208.2	144131	293		#8-35 oil 80 mcf			
7	1 1/2	6-3	3	9		CR5053					24.8	124.50	214.1	144365	134		#8-40 oil 86 mcf			
9	CR4055	6-2			T/I						24.9	122.84	212.5	144587	222		#8-38 oil 85 mcf			
3	T/I		9	10	3/4	6-1 1/4					24.5	122.43	210.9	144813	228		#8-38 oil 83 mcf			
6-12-09	8/10/09	6-1 1/4	1	4	3/4	CR3847					23.8	121.59	207.9	145040	225		#8-36 oil 79 mcf			
8			7	3	1 1/2	5-10 1/4					26.8	114.44	214.7	145254	214		#8-32 oil 87 mcf			
			10 9 1/2	2-0 1/2	4-7 1/2	6-1	CM4857				24.8	121.18	218.3	145472	218		#8-36 oil 90 mcf			
8	1 1/2		10	9		6-2					25.0	122.84	218.2	145697	225		#8-38 oil 90 mcf			
8		6-0	2	2		CR3854					24.6	119.52	218.1	145910	213		#8-35 oil 90 mcf			
7		5-11	2	2	7 1/2						24.7	117.86	217.4	146127	217		#8-33 oil 89 mcf			
9		CP6509	7	8		5-6					24.3	109.56	217.0	146329	202		#8-25 oil 89 mcf			
9	1 1/2		14	7	1 1/2	6-5					24.9	127.82	219.6	146554	225		#8-43 oil 92 mcf			
9	1 1/2	6-0	5	3	1 1/2	CM4269					24.9	119.52	223.2	146774	220		#8-35 oil 95 mcf			
3	2-4		8	5		3-2					24.7	109.56	219.6	146981	207		#8-25 oil 92 mcf			
	THAN		10 3	1 6	5 8 1/2	6-0	CP6522				23.7	119.52	218.8	147191	210		#8-35 oil 91 mcf			
	16-03		9 6	1 4	3 1	5-8	CM4285				23.7	112.88	217.8	147395	204		#8-28 oil 90 mcf			
5	1 1/2	CM4290	8	11	1 1/2	5-10					24.5	116.20	218.7	147611	216		#8-31 oil 91 mcf			
			14 7	5 10	6 2 1/2	6-0	CS3940				27.0	119.52	225.5	147828	217		#8-35 oil 98 mcf			
5	1 1/2	1 1/2	11-2 1/2	12-5	13-2	6-1 1/2	CR3944				26.4	122.01	228.4	148055	227		#8-37 oil 100 mcf			
10		5-5	3	2							25.8	107.90	213.3	148246	191		#8-21 oil 85 mcf			
2		CR3889	9	3	1 1/2	6-1					25.2	121.18	212.5	148460	214		#8-36 oil 85 mcf			
0	1 1/2	4-10	10	4		1-1					25.9	117.86	208.5	148667	207		#8-31 oil 81 mcf			
3 1/2		6-3 1/2	1	8		CS3942					27.2	126.38	200.4	148886	219		#8-40 oil 72 mcf			
4-8-09		CR3893	6	8		5-0					24.1	99.60	205.5	149072	186		#8-15 oil 78 mcf			
8	1 1/4	1 1/4	13	3	1 1/2	6-7					25.9	131.14	208.7	149302	230		#8-44 oil 81 mcf			

SDX RESOURCES, INC.

MONTHLY GAUGE REPORT

Pumper

J. Fisher

Sentinel Trucking 43

Pro-Chem 575-3

Name: WILLIAMS A FED #2

Month / Year 11/09

LRR Lse # 24350

Trans Lse # 77561

1			Tank # 2			Tank #						Total Oil Prod. BBL	Total Gas Prod. MCF	Produced Water Meter or Gauge BBL		AVG - 85 oil 128 m
In.	Frac.	Prod.	Size BBL/In.	In.	Frac.	Prod.	Size BBL/In.	In.	Frac.	Prod.	Static					#2, 6, 3,
300			300													
1.66			1.66													
8.	1/4		13	3	T/I	6-7					25.9	131.10	208.7	149302	250	#8-46 oil 81 mcl
15 1/4	2 3/4	053963	4	7	3/4	053903					27.8	124.92	212.4	149535	231	#8-40 oil 84 mcl
0	1/8	5-9									31.1	114.54	222.4	149737	204	#8-30 oil 94 mcl
10	3/4	5-10 3/4	4	7	3/4						30.4	117.45	213.0	149942	205	#8-31 oil 85 mcl
0	1/8	053974	10	1	1/4	5-6					25.9	109.56	206.7	150129	187	#8-23 oil 79 mcl
3		5-3	1	5		053977					28.3	104.58	206.0	150304	175	#8-20 oil 78 mcl
8	1/4	053915	5	10	T/I	4-5					26.5	97.98	196.5	150469	164	#8-3 oil 169 mcl
4	1/8	4-7 1/2	10	5		4-7					25.6	91.30	178.3	150595	127	#8-6 oil 50 mcl
3		3-11									26.1	78.02	170.8	150739	144	#8-47 oil 43 mcl
			1	7	3/4	053927	#7- Down Pump				27.3	77.79	172.1	150861	122	#8-32 oil 45 mcl
	1/8		5	7	1/8	3-11 1/4	#7- Down Pump				25.2	78.44	160.1	150977	116	#8-33 oil 32 mcl
4	1/8	053982	10	4	1/8	4-9 1/2					26.0	95.45	180.4	151228	251	#8-40 oil 42 mcl
6		6-2	1	7		053916					26.1	122.84	214.4	151486	253	#8-28 oil 84 mcl
6		6-8	1	7							26.8	119.52	206.5	151729	243	#8-3 oil 77 mcl
8		053930	8	8	1/8	6-8					25.6	134.46	208.7	151987	258	#8-49 oil 81 mcl
2	1/8	.6	14	7	1/4	6-2 1/4					26.2	134.05	202.0	152244	757	#8-49 oil 74 mcl
4	1/4	6-2 1/4	5	11	1/4	053954					26.4	123.26	196.7	152441	197	#8-38 oil 69 mcl
10	1/8	053951	11	9		5-10					25.3	116.20	192.9	152647	206	#8-31 oil 65 mcl
2		5-4									26.1	106.24	194.8	152844	197	#8-21 oil 67 mcl
6		6-4	3	2	1/2	053958					25.9	126.16	198.3	153068	224	#8-41 oil 70 mcl
6-0		053960	8	7		5-5					25.8	107.9	189.3	153273	205	#8-23 oil 61 mcl
0	1/2	4-0 1/2	10-3	1-7 3/4	053982	1-8					27.2	112.88	193.8	153474	201	#8-20 oil 64 mcl
	1/8		8	1	1/8	6-5 1/4					28.3	128.24	190.7	153699	225	#8-33 oil 63 mcl
6		053977	11 10 1/4	3 4 1/4	5 0 1/8	053977					25.5	108.98	190.3	153899	200	#8-23 oil 62 mcl
5			11	0		6-0					26.6	119.58	189.2	154103	204	#8-35 oil 61 mcl
8		5-3									26.7	104.58	190.7	154289	186	#8-20 oil 63 mcl
0		6-4	1	11	1/8	054022					27.3	126.16	187.4	154504	215	#8-39 oil 59 mcl
5	1 1/2		7	2		5-3					26.4	104.58	192.4	154692	188	#8-20 oil 61 mcl
5	1/2	053980	12	3	1/2	5-3					24.8	82.92	191.3	154881	189	#8-18 oil 63 mcl
1		5-8 1/2	3	8	1/2	053988					25.4	112.05	179.9	155082	201	#8-25 oil 52 mcl
5		053993	9	7		5-11					32.6	117.86	185.9	155277	195	#8-33 oil 58 mcl



ConocoPhillips Company
1130 Plaza Office Building
Bartlesville, OK 74004

FACILITY
STATEMENT
OF RUNS

FACILITY NAME: WILLIAMS A FEDERAL 1 4 85
FACILITY/BATTERY NUMBER: 2111768 / 2111768

DATE: OCTOBER 2009
PAGE: 19

OPERATOR: LIME ROCK RESOURCES A LP STATE: NM COUNTY: EDDY
PRICE SCHEDULE: PLAINS MARKETING, L. PLAINS MARKETING, L.P., WTI/NMI +P+ +MWTs -CWTI

215055
LIME ROCK RESOURCES A LP
SUITE 4600
1111 BAGBY ST
HOUSTON TX
77002

CURRENT MONTH PRICE REFLECTS:
MARKETING DEDUCTION OF 1.4500 PER BBL
PRICING IS BASED ON A 40.0 GRAVITY BASIS
PRICING METHOD: WEIGHTED AVERAGE

BARRELS	GROSS VALUE	TRANSPORTATION	TAX	NET VALUE
693.52	49,454.22	.00	4,024.95	45,429.27

DATE	TKT NO.	TRN TKT TYP	GRAV	PRICE	BARRELS	GROSS VALUE
✓ 10/01/09	CJ3904	0 TK	36.70	71.309	170.98	12,192.41
TANK NO: 7721901				TRANSPORTER: SENTINEL	TRANSPORTATION LLC	
✓ 10/10/09	CN5947	0 TK	37.60	71.309	173.06	12,340.74
TANK NO: 7721902				TRANSPORTER: SENTINEL	TRANSPORTATION LLC	
10/20/09	CR5092	0 TK	39.00	71.309	175.83	12,538.26
TANK NO: 7721901				TRANSPORTER: SENTINEL	TRANSPORTATION LLC	
10/30/09	CQ3894	0 TK	38.60	71.309	173.65	12,382.81
TANK NO: 7721902				TRANSPORTER: SENTINEL	TRANSPORTATION LLC	
RUN MONTH TOTAL					693.52	49,454.22
FACILITY TOTAL					693.52	49,454.22

REPORT CENTER/TYPE NAME	DATE	BARRELS	TAX	NET VALUE
0002877219000C1 / HLCO	10/09			
WILLIAMS A FED 1, 4 & 5		693.52	4,024.95	45,429.27
HLCO TOTAL		693.52	4,024.95	45,429.27
FACILITY TOTAL		693.52	4,024.95	45,429.27

TICKET TYPE
TK OR R = TANK TICKET
MT OR T = METER TICKET
GV = GROSS TICKET
NV = NET VOLUME
RJ = REJECT TICKET
WT = WEIGHT TICKET

TRANSACTION TYPE
O = ORIGINAL
R = REVERSING
C = CORRECTING

PAYMENTS ARE BEING MAILED UNDER SEPARATE COVER.
RETAIN THIS STATEMENT FOR TAX PURPOSES.
FOR INQUIRIES: IF YOUR LAST NAME OR COMPANY
BEGINS WITH:
A-C, CALL (918)661-0903
D-H, CALL (918)661-0904
I-M, CALL (918)661-0905
N-S, CALL (918)661-0906
T-Z, CALL (918)661-0907



ConocoPhillips Company
1130 Plaza Office Building
Bartlesville, OK 74004

FACILITY
STATEMENT
OF RUNS

FACILITY NAME: WILLIAMS A FEDERAL 1 4 & 5
FACILITY/BATTERY NUMBER: 2111768 / 2111768

DATE: SEPTEMBER 2009
PAGE: 16

OPERATOR: LINE ROCK RESOURCES A LP STATE: NM COUNTY: EDDY
PRICE SCHEDULE: PLAINS MARKETING, L. PLAINS MARKETING, L.P., WTI/NMI +P+ +MWTs -CWTI

215055
LINE ROCK RESOURCES A LP
SUITE 4600
1111 BAGBY ST
HOUSTON TX
77002

CURRENT MONTH PRICE REFLECTS:
MARKETING DEDUCTION OF 1.4500 PER BBL
PRICING IS BASED ON A 40.0 GRAVITY BASIS
PRICING METHOD: WEIGHTED AVERAGE

BARRELS	GROSS VALUE	TRANSPORTATION	TAX	NET VALUE
351.73	22,724.50	.00	1,849.47	20,875.03

DATE	TKT NO.	TRN TYP	TKT TYP	GRAV	PRICE	BARRELS	GROSS VALUE
09/10/09	CM4119	0	TK	37.50	64.608	174.10	11,248.22
						TRANSPORTER: SENTINEL TRANSPORTATION LLC	
09/20/09	CI5380	0	TK	38.00	64.608	177.63	11,476.28
						TRANSPORTER: SENTINEL TRANSPORTATION LLC	
RUN MONTH TOTAL						351.73	22,724.50
FACILITY TOTAL						351.73	22,724.50

REPORT CENTER/TYPE NAME	DATE	BARRELS	TAX	NET VALUE
0002877219000C1 / HLCO	09/09			
WILLIAMS A FED 1, 4 & 5		351.73	1,849.47	20,875.03
HLCO TOTAL		351.73	1,849.47	20,875.03
FACILITY TOTAL		351.73	1,849.47	20,875.03

TICKET TYPE
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GV = GROSS TICKET
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D-H, CALL (918)661-0904
I-M, CALL (918)661-0905
N-S, CALL (918)661-0906
T-Z, CALL (918)661-0907



ConocoPhillips Company
1130 Plaza Office Building
Bartlesville, OK 74004

FACILITY
STATEMENT
OF RUNS

FACILITY NAME: WILLIAMS A FEDERAL 1 4 25
FACILITY/BATTERY NUMBER: 2111768 / 2111768

DATE: AUGUST 2009
PAGE: 18

OPERATOR: LIME ROCK RESOURCES A LP STATE: NM COUNTY: EDDY
PRICE SCHEDULE: PLAINS MARKETING, L. PLAINS MARKETING, L.P., WTI/NMI +P+ +MWTs -CWTI

215055
LIME ROCK RESOURCES A LP
SUITE 4600
1111 BAGBY ST
HOUSTON TX
77002

CURRENT MONTH PRICE REFLECTS:
MARKETING DEDUCTION OF 1.4500 PER BBL
PRICING IS BASED ON A 40.0 GRAVITY BASIS
PRICING METHOD: WEIGHTED AVERAGE

BARRELS	GROSS VALUE	TRANSPORTATION	TAX	NET VALUE
523.04	34,670.18	.00	2,823.46	31,846.72

DATE	TKT NO.	TRN TYP	TKT TYP	GRAV	PRICE	BARRELS	GROSS VALUE
08/10/09	C04023	0	TK	37.20	66.286	177.92	11,793.59
						TRANSPORTER: SENTINEL TRANSPORTATION LLC	
08/21/09	CB5396	0	TK	37.60	66.286	170.05	11,271.92
						TRANSPORTER: SENTINEL TRANSPORTATION LLC	
08/30/09	CC5172	0	TK	37.40	66.286	175.07	11,604.67
						TRANSPORTER: SENTINEL TRANSPORTATION LLC	
RUN MONTH TOTAL						523.04	34,670.18
FACILITY TOTAL						523.04	34,670.18

REPORT CENTER/TYPE NAME	DATE	BARRELS	TAX	NET VALUE
0002877219000C1 / HLCO	08/09			
WILLIAMS A FED 1, 4 & 5		523.04	2,823.46	31,846.72
HLCO TOTAL		523.04	2,823.46	31,846.72
FACILITY TOTAL		523.04	2,823.46	31,846.72

TICKET TYPE
TK OR R = TANK TICKET
MT OR T = METER TICKET
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TRANSACTION TYPE
O = ORIGINAL
R = REVERSING
C = CORRECTING

PAYMENTS ARE BEING MAILED UNDER SEPARATE COVER.
RETAIN THIS STATEMENT FOR TAX PURPOSES.
FOR INQUIRIES: IF YOUR LAST NAME OR COMPANY
BEGINS WITH:
A-C, CALL (918)661-0993
D-H, CALL (918)661-0994
I-M, CALL (918)661-0995
N-S, CALL (918)661-0996
T-Z, CALL (918)661-0997



H2S RADIUS OF EXPOSURE

LIME ROCK RESOURCES

WILLIAMS A FEDERAL #2 Battery

Oil Tanks #

7756-01

H2S Concentration - PPM - 14,000

MCF/Day - 157

500 PPM Radius of Exposure - 75 ft

100 PPM Radius of Exposure - 165 ft

Oil Tanks #

H2S Concentration - PPM -

MCF/Day -

500 PPM Radius of Exposure -

100 PPM Radius of Exposure -

Water P/W

H2S Concentration - PPM - 14,000

MCF/Day - 157

500 PPM Radius of Exposure - 75 ft

100 PPM Radius of Exposure - 165 ft



H2S RADIUS OF EXPOSURE

LIME ROCK RESOURCES

WILLIAMS A FEDERAL BATTERY

Oil Tanks #

77219

H2S Concentration - PPM - 10,000

MCF/Day - 49

500 PPM Radius of Exposure - 29 ft

100 PPM Radius of Exposure - 64 ft

Oil Tanks #

H2S Concentration - PPM -

MCF/Day -

500 PPM Radius of Exposure -

100 PPM Radius of Exposure -

Water P/W

H2S Concentration - PPM - 14,000

MCF/Day - 49

500 PPM Radius of Exposure - 36 ft

100 PPM Radius of Exposure - 80 ft

Wildcat Measurement Service
P.O.Box 1836
416 East Main Street
Artesia, NM 88211-1836

3/30/2009 11:01 AM
Phone: 575-746-3481
888-421-9453
Fax: 575-748-9852
dnorman@wildcatms.com

GAS ANALYSIS REPORT

Analysis For: FRONTIER FIELD SERVICES, L.L.C.
Field Name: EMPIRE ABO
Well Name: WILLIAMS "A" FEDERAL #1
Station Number: 631118
Purpose: QUARTERLY
Sample Deg. F: 92.6
Volume/Day:
Formation:
Line PSIG: 11.5
Line PSIA: 24.7

Run No: 290319-14
Date Run: 03/19/2009
Date Sampled: 03/17/2009
Producer: LIME ROCK RESOURCES
County: EDDY
State: NM
Sampled By: FRED TORREZ
Atmos Deg. F:

GAS COMPONENTS			
		MOL%	GPM
Oxygen	O2:	0.0000	
Carbon Dioxide	CO2:	1.5634	
Nitrogen	N2:	2.1479	
Hydrogen Sulfide	H2S:	0.0000	
Methane	C1:	69.8996	
Ethane	C2:	12.4883	3.3209
Propane	C3:	6.4694	1.7722
Iso-Butane	IC4:	0.9623	0.3131
Nor-Butane	NC4:	2.6648	0.8353
Iso-Pentane	IC5:	0.9905	0.3602
Nor-Pentanes	NC5:	1.1948	0.4306
Hexanes Plus	C6+:	1.6190	0.7000
Totals		100.0000	7.7323

Pressure Base: 14.650
Real BTU Dry: 1380.933
Real BTU Wet: 1356.691

Calc. Ideal Gravity: 0.8392
Calc. Real Gravity: 0.8429
Field Gravity:
Standard Pressure: 14.696
Ideal BTU Dry: 1378.561
Ideal BTU Wet: 1354.574
Z Factor: 0.9952
Average Mol Weight: 24.3047
Average CuFt/Gal: 53.3664
26 lb. Product: 2.2847
Ethane+ GPM: 7.7323
Propane+ GPM: 4.4115
Butane+ GPM: 2.6393
Pentane+ GPM: 1.4908

Remarks:
H2S IN GAS STREAM ON LOCATION: NONE DETECTED

Analysis By: Don Norman