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

#### State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised August 8, 2011

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

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

			Kei	ease Notiii	catio	on and Co	orrective A	CHOI	1			
				(	PEF	RATOR Subsequent Report Final Report						
Name of Co						Contact: Steve Moskal						
		Court, Farmi	ngton, N	M 87401		Telephone No.: 505-330-9179						
Facility Na	ne: Mudge	e LS 007			·	Facility Type: Natural gas well						
Surface Ow	ner: Fee			Mineral C	)wner	: Fee API No. 30-045-10431						
				LOCA	ATIO	N OF RE	LEASE					
Unit Letter M	Section 23	Township 31N	Range 11W	Feet from the 798	Nort Sout	h/South Line h	Feet from the 980	East/West Line West		County: San Juan		
		Latitud	le <u>36.</u>	879347°		Longitude -107.966223°						
NATURE OF RELEASE												
			ected Hist	orical drilling pit			Release: unknov			Recovered: none		
Source of Re	lease: Flow	line				Date and I Unknown	Hour of Occurrent	ce:	Date and 17, 2013	Hour of Discovery: November		
Was Immedi	ate Notice (	Given?				If YES, To	Whom?		17, 2015			
			Yes 🗵	No 🔲 Not R	equirec							
By Whom?						Date and I	Hour:					
Was a Water	course Read		5	7		If YES, V	olume Impacting	the Wat	ercourse.			
			Yes 🗵	No								
If a Watercou	irse was Im	pacted, Descr	ibe Fully.	•								
		em and Reme										
										be a historical drilling pit as		
				rea was excavated s and the depth of				арог ех	traction poi	nts were installed to further		
		and Cleanup A								:		
										ints were installed and the n. The SVE continue to appear		
				tion thus far. Sam					2 · 2 oj olo:			
I horoby conti	fi that tha	information ai	uan ahau	is two and same	lata ta	the best of my	Impulades and u	ndo-sto	and that muse	suant to NMOCD rules and		
										eases which may endanger		
public health	or the envi	ronment. The	acceptan	ce of a C-141 repo	ort by t	he NMOCD m	arked as "Final R	eport"	does not reli	ieve the operator of liability		
										r, surface water, human health ompliance with any other		
		ws and/or regu		nance of a C-141	героп	does not renev	e the operator of	respons	sibility for c	omphance with any other		
,		<u> </u>					OIL CON	SERV	ATION	DIVISION /		
Signatura	Maris	mu)								/ /		
Signature:	رجست					Ammound hu	Environmental S			- /// - L		
Printed Name	: Steve Mo	skal				Approved by	Environmental S	pecialis	oi. /	80		
Title: Field E	nvironment	al Coordinato	r			Approval Da	te: <sup>9</sup> //4/1 <sup>-</sup>	7	Expiration	Date:		
E-mail Addre	ss: steven.r	noskal@bp.co	m			Conditions o	f Approval: Co	ntian	ح	Attached 🌠		
Date: August 22, 2017 Phone: 505-326-9429 Operation of SUE 3 Reporting										~		
* Attach Addi	tional Shee	ets If Necess	ary	1000		1Submi	+ Closure P	ال ديوا	how Ro	ar sail		
-	井小	S 163	186	49823	>	0	IL CONS. DIV	DIS	1. 37/	16/10		
	-						AUG 23	2017	J( )	A) ID		
							AUU A U					

#### Smith, Cory, EMNRD

From:

Smith, Cory, EMNRD

Sent:

Thursday, September 14, 2017 3:22 PM

To:

Moskal, Steven

Cc:

Fields, Vanessa, EMNRD

Subject:

Mudge Ls 7 SVE C-141 Report

Steve,

OCD has approved BP Subsequent report for SVE operations at the Mudge LS #7. As per the report and our phone conversation data implies that closure sampling of the site is soon. Please submit a Closure Plan on a C-141 within no later than March 16, 2018.

Thanks,

Cory Smith
Environmental Specialist
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410
(505)334-6178 ext 115
cory.smith@state.nm.us

# **BP America - Mudge LS 7**

### **Summary SVE System Monitoring Data**

Date	SVE Pt.	Exhaust	Exhaust	Exhaust	System	H <sub>2</sub> O	H <sub>2</sub> O Amt.	
Date	SVET C.	OVM	Vacuum	Rate (cfm)	Operational	Drained	Drained	Comments
		(ppm)	(in)	(3,	at Time of	from drum?	(Gal.)?	
					Arrival?		, , ,	
2/11/2015	-	1,249	F1	NIA				Initial startus on 45 only
	5		51	NA	-		-	Initial startup on #5 only.
2/12/2015	5 & 6	1,379	44	NA	YES	NO	-	Connected to #6 with pvc tee and additional hose
2/13/2015	5 & 6	1,345	44	NA	YES	NO		
2/16/2015	5 & 6	1,016	44	NA	YES	YES	15.00	
2/17/2015	5 & 6	887	44	NA	YES	YES	6.00	
2/18/2015	5 & 6	769	42	NA	YES	YES	4.00	
2/19/2015	5 & 6	867	42	NA	YES	YES	2.00	
2/23/2015	5 & 6	-	-	NA	NO	YES	24.00	Restarted after draining water from drum
2/24/2015	5 & 6	499	42	NA	YES	YES	8.00	
2/26/2015	5 & 6	419	41	NA	YES	YES	15.00	
2/27/2015	5 & 6	394	42	NA	YES	YES	4.00	
3/2/2015	5 & 6	308	42	NA	YES	YES	24.00	
3/3/2015	5 & 6	315	42	NA	YES	YES	3.00	
3/6/2015	5 & 6	225	42	NA	YES	YES	16.00	
3/9/2015	5 & 6	265	43	NA	YES	YES	10.00	
3/10/2015	5 & 6	258	42	NA	YES	YES	3.00	
3/11/2015	5 & 6	320	40	NA	YES	YES	3.00	
3/12/2015	5 & 6	290	40	NA	YES	YES	3.00	
3/13/2015	5 & 6	265	39	NA	YES	YES	2.00	
3/16/2015	5 & 6	184	40	NA	YES	YES	10.00	
3/18/2015	5 & 6	149	39	NA	YES	YES	5.00	
3/19/2015	5 & 6	237	39	NA	YES	YES	3.00	
3/23/2015	5 & 6	142	40	NA	YES	YES	15.00	
3/30/2015	5 & 6	276	40	NA	YES	YES	24.00	
4/1/2015	5 & 6	198	40	NA	YES	YES	4.00	
4/6/2015	5 & 6	96	38	NA	YES	YES	20.00	Switched to #2 & #9
4/9/2015	2 & 9	-	-	NA	NO	NO		Unit not operational, broken rotor
5/18/2015	2 & 9	-	-	NA	YES	NO	0.00	Replacement SVE unit
5/20/2015	2 & 9	92	42	NA	YES	YES	3.00	Cuitahad ta #5 0 #0
5/26/2015 6/4/2015	2 & 9	48 55	44 42	NA NA	YES YES	YES YES	8.00 7.00	Switched to #5 & #6
6/8/2015	5 & 6	57	42	NA NA	YES	YES	4.00	
6/15/2015	5 & 6	47	40	NA	YES	YES	3.00	
6/22/2015	5 & 6	38	40	NA	YES	YES	0.50	

# **BP America - Mudge LS 7**

## **Summary SVE System Monitoring Data**

Date	SVE Pt.	Exhaust	Exhaust	Exhaust	System	H <sub>2</sub> O	H <sub>2</sub> O Amt.	
		OVM	Vacuum	Rate (cfm)	Operational	Drained	Drained	Comments
		(ppm)	(in)		at Time of	from drum?	(Gal.)?	
					Arrival?			
6/29/2015	5 & 6	38	38	NA	YES	NO		Dry drum
7/6/2015	5 & 6	40	38	NA	YES	NO		Dry drum
7/13/2015	5 & 6	34	38	NA	YES	NO		Dry drum
7/20/2015	5 & 6	28	38	NA	YES	NO		Dry drum
7/27/2015	5 & 6	24	38	NA	YES	NO		Dry drum
8/5/2015	5 & 6	17	38	NA	YES	NO		Dry drum, switched to #2 & #9
8/12/2015	2 & 9	11	38	NA	YES	NO		Dry drum
8/19/2015	2 & 9	10	40	NA	YES	NO		Dry drum
8/24/2015	2 & 9	10	40	NA	YES	NO		Dry drum
8/24/2015	2 & 9	10	40	NA	YES	NO		Dry drum
9/8/2015	2 & 9	9	40	NA NA	YES	NO		Dry drum
9/17/2015	2 & 9	58	40	NA	YES	NO		Dry drum
9/22/2015	2 & 9	90	42	NA	YES	YES	2.00	Dry drum, switched to #1 & #4
9/23/2015	1 & 4	7	45	NA	YES	NO	2.00	Dry drum, switched to #8 & #10
9/24/2015	8 & 10	12	44	NA NA	YES	NO		Dry drum, switched to #8 & #7
9/25/2015	3 & 7	26	44	NA	YES	NO		Dry drum, switched to #5 & #6
9/28/2015	5 & 6	30	35	NA	YES	NO		Dry drum, switched to #3 & #9
9/29/2015	2 & 9	24	42	NA	YES	NO	0.00	Did not check water level in drum
10/8/2015	2 & 9	16	42	NA	YES	NO	0.00	Did not check water level in drum
10/15/2015	2 & 9	14	42	NA	YES	YES	20.00	Did flot check water level in didiff
10/13/2015	2 & 9	27	42	NA	YES	YES	14.00	
10/28/2015	2 & 9	21	42	NA	YES	NO	14.00	Did not check water level in drum
11/6/2015	2 & 9	52	42	NA	NO	YES	29.00	Collected readings after restarting
11/13/2015	2 & 9	40	42	NA	NO	YES	29.00	Collected readings after restarting
11/17/2015	-	-		NA	YES	YES	20.00	Confected readings after restarting
11/20/2015	2 & 9	25	42	NA	YES	YES	14.00	
11/24/2015	-	-	-	NA	YES	YES	19.00	
11/27/2015	2 & 9	25	42	NA	YES	YES	11.50	
12/1/2015	-	-	-	NA	YES	YES	21.00	
12/4/2015	2 & 9	23	43	NA	YES	YES	15.50	
12/8/2015	-	-	-	NA	YES	YES	18.00	
12/11/2015	2 & 9	21	42	NA	YES	YES	13.00	
12/15/2015	-	-	-	NA	YES	YES	22.00	
12/17/2015	-	_	-	NA	YES	NO	0.00	Visually inspected water level in drum only
12/18/2015	2 & 9	23	43	NA	YES	YES	20.00	Trousing independent factor for an artiful orny
12/21/2015	-	-	-	NA	YES	YES	14.00	
12/24/2015	2 & 9	10	43	NA	YES	YES	16.50	

# **BP America - Mudge LS 7**

### **Summary SVE System Monitoring Data**

Date	SVE Pt.	Exhaust	Exhaust	Exhaust	System	H <sub>2</sub> O	H <sub>2</sub> O Amt.	
		OVM	Vacuum	Rate (cfm)	Operational	Drained	Drained	Comments
		(ppm)	(in)		at Time of	from drum?	(Gal.)?	
					Arrival?			
12/28/2015	-	-	-	NA	YES	YES	14.00	
12/31/2015	2 & 9	20	42	NA	YES	YES	16.50	
1/4/2016	-	-	-	NA	YES	YES	24.00	
1/7/2016	2 & 9	12	43	NA	YES	YES	16.50	
1/11/2016	-	-	-	NA	YES	YES	26.00	
1/14/2016	2 & 9	16	42	NA	YES	YES	22.00	
1/18/2016	-	-	-	NA	NO	YES	10.50	Collected readings after restarting
1/21/2016	2 & 9	12	43	NA	YES	YES	15.00	
1/25/2016	-	-	-	NA	YES	YES	23.00	
1/29/2016	2 & 9	8	44	NA	YES	YES	20.50	
2/2/2016	-	-	-	NA	YES	YES	17.00	
2/5/2016	2 & 9	18	44	NA	YES	YES	19.00	
2/9/2016	-	- 40	- 44	NA	YES	YES	19.00	
2/13/2016	2 & 9	10	44	NA	YES YES	YES YES	14.00	
2/19/2016	2 & 9	8 5	43 42	NA NA	YES	YES	5.00 23.00	
2/26/2016 3/3/2016	2 & 9	5	41	NA NA	YES	YES	15.50	
3/10/2016	2 & 9	8	42	NA NA	YES	YES	12.00	
3/17/2016	2 & 9	6	42	NA	YES	YES	15.50	
3/24/2016	2 & 9	4	41	NA	YES	YES	15.50	
3/31/2016	2 & 9	5	41	NA	YES	YES	17.00	
4/8/2016	2 & 9	3	40	NA	YES	YES	14.00	
4/15/2016	2 & 9	3	40	NA	YES	YES	6.50	
4/22/2016	2 & 9	3	40	NA	YES	YES	11.50	
4/29/2016	2 & 9	3	40	NA	YES	YES	6.50	
5/6/2016	2 & 9	3	40	NA	YES	YES	6.50	
5/14/2016	2 & 9	3	39	NA	YES	YES	5.00	Switched to #5 & #7
5/19/2016	5 & 7	0	34	NA	YES	YES	1.00	
5/26/2016	5 & 7	3	36	NA	YES	NO	0.00	Measured ~ 1.5" H₂O in drum
6/3/2016	5 & 7	3	34	NA	YES	NO	0.00	Measured ~ 0.5" H <sub>2</sub> O in drum
6/16/2016	5 & 6	3	34	NA	YES	NO		Water in drum below drain port
6/30/2016	5 & 6	3	35	NA	YES	NO		Dry drum
7/21/2016	5 & 6	-	-	NA	NO	NO		Unit not operational, could not restart
8/19/2016	5 & 6	-	-	NA	NO	NO		Unit status unchanged

# BP America - Mudge LS 7 Summary SVE System Monitoring Data

Date	SVE Pt.	Exhaust	Exhaust	Exhaust	System	H <sub>2</sub> O	H <sub>2</sub> O Amt.	
		OVM	Vacuum	Rate (cfm)	Operational	Drained	Drained	Comments
		(ppm)	(in)		at Time of	from drum?	(Gal.)?	
					Arrival?			
9/26/2016	5 & 6	-	-	NA	NO	NO	-	Unit status unchanged, tagged for repair, no date indicated
1/19/2017	5 & 6	108	36	NA	YES	NO	-	Unit repaired & restarted, did not check water level in drum
1/25/2017	5 & 6	30	38	NA	YES	YES	24.00	Could not restart
2/3/2017	5 & 6	-	-	NA	NO	NO	-	Unit not operational, could not restart
2/7/2017	5 & 6	-	-	NA	NO	NO	-	Unit not operational, could not restart
2/15/2017	5 & 6	-	-	NA	NO	NO	-	Unit not operational, could not restart
2/22/2017	5 & 6	-	-	NA	NO	NO	-	Unit not operational, could not restart
3/3/2017	5 & 6	-	-	NA	NO	NO	-	Unit not operational, could not restart
3/9/2017	5 & 6	-	-	NA	NO	NO	-	Unit not operational, could not restart
3/15/2017	5 & 6	42	36	NA	YES	NO	-	Unit repaired & restarted, did not check water level in drum
3/21/2017	5 & 6	-	-	NA	YES	YES	?	Drained H20, water level not measured
3/29/2017	5 & 6	31	34	NA	YES	YES	16.00	
4/13/2017	5 & 6	25	36	NA	YES	YES	27.00	
4/25/2017	5 & 6	-	-	NA	NO	NO	-	Unit not operational, could not restart
5/12/2017	5 & 6	-	-	NA	NO	NO	-	Unit not operational, could not restart
6/27/2017	5 & 6	20	36	NA	YES	NO	0.00	Water in drum below drain port
7/11/2017	5 & 6	17	38	NA	YES	NO	0.00	Dry drum
8/14/2017	5 & 6	25	35	NA	YES	NO	0.00	Dry drum