

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO 1004-0135
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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

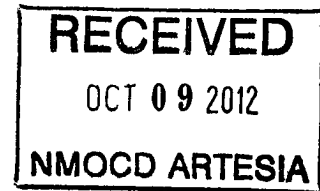
1 Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5 Lease Serial No NMNM90807
2 Name of Operator SM ENERGY		6 If Indian, Allottee or Tribe Name
3a Address 3300 N A ST BLDG 7 STE 200 MIDLAND, TX 79705		7 If Unit or CA/Agreement, Name and/or No
3b Phone No (include area code) Ph: 432-688-1709 Fx: 432-688-1701		8 Well Name and No OSAGE 34 FEDERAL 4H
4 Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 34 T19S R29E SWSW 530FSL 230FWL		9 API Well No 30-015-39786-00-S1
		10 Field and Pool, or Exploratory PARKWAY
		11. County or Parish, and State EDDY COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Change Plans
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Convert to Injection
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other Drilling Operations

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 recomplete 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

6/24/12 TD'ED 6 1/8" HOLE AT 12,566 FT
6/27/12 RAN 92 JTS OF 4 1/2" 11.6# P-110 CSG, SET AT 12,544 FT
6/28/12 RIG RELEASE @ 5:45 AM



14 I hereby certify that the foregoing is true and correct.

Electronic Submission #144686 verified by the BLM Well Information System For SM ENERGY, sent to the Carlsbad Committed to AFMSS for processing by KURT SIMMONS on 08/03/2012 (12KMS2702SE)

Name (Printed/Typed) VICKIE MARTINEZ	Title ENGINEER TECH II
Signature (Electronic Submission)	Date 08/02/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	JAMES A AMOS Title SUPERVISOR EPS	Date 09/03/2012
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 Carlsbad	

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

30-015-39786

RECEIVED
OCT 09 2012
NMOCD ARTESIA



SM ENERGY COMPANY

OSAGE 34 FEDERAL COM WELL #4H
SECTION 34 T-19-S, R-29-E
EDDY COUNTY, NEW MEXICO

RKB = 3373' AMSL Est. (GL = 3355')

SHL: X: 622,249.97' Y: 586,267.27'

Obj.= N 88 501 E

NAD 83

Type	#	MD	ANG	Azimuth	DIR	CL	TVD	(+)North (-)South	(+)East (-)West	Vertical Section	Dogleg /100'
GMS	THIN	0.00	0.00	50.74	N 50.74	E ----	0.00	0.00	0.00	0.00	THIN
GMS	1	100	1.19	50.74	N 50.74	E 100	99.99	0.66	0.80	0.82	1.19
GMS	2	200	1.38	48.87	N 48.87	E 100	199.97	2.10	2.52	2.57	0.19
GMS	3	300	1.33	46.23	N 46.23	E 100	299.94	3.70	4.26	4.36	0.08
GMS	4	400	1.24	52.01	N 52.01	E 100	399.91	5.17	5.96	6.09	0.16
GMS	5	500	0.89	52.76	N 52.76	E 100	499.90	6.30	7.43	7.59	0.35
GMS	6	600	1.31	52.74	N 52.74	E 100	599.88	7.46	8.96	9.15	0.42
GMS	7	700	1.48	60.22	N 60.22	E 100	699.85	8.81	10.99	11.21	0.25
GMS	8	800	1.71	70.51	N 70.51	E 100	799.81	9.97	13.51	13.77	0.37
GMS	9	900	2.20	76.04	N 76.04	E 100	899.75	10.95	16.78	17.06	0.52
GMS	10	1000	2.25	75.84	N 75.84	E 100	999.68	11.89	20.54	20.85	0.05
GMS	11	1100	1.97	77.48	N 77.48	E 100	1099.61	12.74	24.13	24.45	0.29
GMS	12	1200	1.03	62.53	N 62.53	E 100	1199.57	13.63	26.58	26.93	1.01
GMS	13	1300	0.97	41.31	N 41.31	E 100	1299.56	14.70	27.94	28.32	0.37
GMS	14	1400	0.83	28.28	N 28.28	E 100	1399.55	15.99	28.84	29.25	0.25
GMS	15	1500	0.50	8.32	N 8.32	E 100	1499.54	17.09	29.20	29.64	0.40
GMS	16	1600	0.73	357.26	N 2.74	W 100	1599.53	18.16	29.25	29.72	0.26
GMS	17	1700	1.31	12.65	N 12.65	E 100	1699.52	19.92	29.41	29.92	0.64
GMS	18	1800	1.25	20.89	N 20.89	E 100	1799.49	22.06	30.05	30.62	0.19
GMS	19	1900	0.75	3.83	N 3.83	E 100	1899.48	23.76	30.42	31.03	0.58
GMS	20	2000	0.71	353.56	N 6.44	W 100	1999.47	25.03	30.39	31.04	0.14
GMS	21	2100	0.48	8.96	N 8.96	E 100	2099.46	26.07	30.42	31.09	0.28
GMS	22	2200	1.19	7.74	N 7.74	E 100	2199.45	27.51	30.63	31.34	0.71
GMS	23	2300	1.97	13.16	N 13.16	E 100	2299.41	30.22	31.13	31.91	0.79
GMS	24	2400	2.68	352.62	N 7.38	W 100	2399.33	34.25	31.33	32.22	1.08
GMS	25	2500	2.33	350.68	N 9.32	W 100	2499.23	38.57	30.70	31.70	0.36
GMS	26	2600	2.15	347.65	N 12.35	W 100	2599.16	42.41	29.96	31.06	0.22
GMS	27	2700	1.77	350.77	N 9.23	W 100	2699.10	45.77	29.32	30.51	0.39
GMS	28	2800	1.84	356.59	N 3.41	W 100	2799.05	48.90	28.98	30.25	0.20
GMS	29	2900	2.02	355.24	N 4.76	W 100	2898.99	52.26	28.74	30.09	0.19
GMS	30	3000	1.95	353.79	N 6.21	W 100	2998.93	55.71	28.41	29.85	0.09
GMS	31	3100	1.65	351.56	N 8.44	W 100	3098.88	58.82	28.00	29.53	0.31
GMS	32	3200	1.41	358.79	N 1.21	W 100	3198.85	61.48	27.78	29.38	0.31
GMS	33	3300	1.22	0.48	N 0.48	E 100	3298.82	63.78	27.77	29.42	0.19
GMS	34	3400	1.27	0.43	N 0.43	E 100	3398.80	65.95	27.78	29.50	0.05
GMS	35	3500	1.26	351.27	N 8.73	W 100	3498.77	68.15	27.62	29.40	0.20
GMS	36	3600	1.17	332.15	N 27.85	W 100	3598.75	70.15	26.96	28.79	0.41
GMS	37	3700	1.03	334.67	N 25.33	W 100	3698.73	71.87	26.10	27.97	0.15
GMS	38	3800	0.98	334.56	N 25.44	W 100	3798.72	73.45	25.35	27.26	0.05
GMS	39	3900	1.53	316.87	N 43.13	W 100	3898.69	75.26	24.12	26.08	0.67
GMS	40	4000	1.79	306.69	N 53.31	W 100	3998.65	77.18	21.96	23.97	0.39
GMS	41	4100	1.71	300.05	N 59.95	W 100	4098.60	78.86	19.41	21.47	0.22
GMS	42	4200	1.71	297.51	N 62.49	W 100	4198.56	80.30	16.80	18.89	0.08
GMS	43	4300	1.77	299.22	N 60.78	W 100	4298.51	81.74	14.13	16.26	0.08
GMS	44	4400	1.84	298.73	N 61.27	W 100	4398.46	83.27	11.37	13.55	0.07
GMS	45	4500	1.91	313.46	N 46.54	W 100	4498.41	85.19	8.74	10.96	0.49
GMS	46	4600	1.95	313.00	N 47.00	W 100	4598.35	87.50	6.28	8.57	0.04
GMS	47	4700	1.78	315.84	N 44.16	W 100	4698.30	89.77	3.96	6.30	0.19
GMS	48	4800	1.67	306.32	N 53.68	W 100	4798.25	91.75	1.69	4.09	0.31
GMS	49	4900	2.04	313.32	N 46.68	W 100	4898.20	93.82	-0.79	1.66	0.43
GMS	50	5000	2.53	321.34	N 38.66	W 100	4998.12	96.75	-3.49	-0.96	0.58
GMS	51	5100	2.73	315.43	N 44.57	W 100	5098.02	100.18	-6.54	-3.92	0.34
GMS	52	5200	3.36	303.21	N 56.79	W 100	5197.87	103.54	-10.64	-7.93	0.90



SM ENERGY COMPANY

6/7/2012

**OSAGE 34 FEDERAL COM WELL #4H
SECTION 34 T-19-S, R-29-E
EDDY COUNTY, NEW MEXICO**

RKB = 3373' AMSL Est. (GL = 3355')

SHL: X: 622,249.97' Y: 586,267.27'
NAD 83

Obj = N 88.501 E

Type	#	MD	SURVEY							(+)North	(+)East	Vertical	Dogleg
			ANG	Azimuth	DIR	CL	TVD	(-)South	(-)West	Section	/100'		
GMS	53	5300	3.31	304.28	N	55.72	W	100	5297.71	106.77	-15.48	-12.68	0.08
GMS	54	5400	3.01	308.80	N	51.20	W	100	5397.55	110.05	-19.91	-17.02	0.39
GMS	55	5500	2.61	321.09	N	38.91	W	100	5497.43	113.51	-23.37	-20.39	0.72
GMS	56	5600	2.43	328.20	N	31.80	W	100	5597.34	117.09	-25.91	-22.84	0.36
GMS	57	5700	2.56	338.86	N	21.14	W	100	5697.24	120.98	-27.85	-24.68	0.48
GMS	58	5800	2.52	344.21	N	15.79	W	100	5797.14	125.19	-29.25	-25.97	0.24
GMS	59	5900	2.67	353.85	N	6.15	W	100	5897.04	129.63	-30.11	-26.71	0.46
GMS	60	6000	2.67	0.57	N	0.57	E	100	5996.93	134.28	-30.34	-26.82	0.31
GMS	61	6100	2.76	360.00	N	0.00	W	100	6096.82	139.01	-30.32	-26.67	0.09
GMS	62	6200	1.99	3.12	N	3.12	E	100	6196.73	143.15	-30.20	-26.45	0.78
GMS	63	6300	1.99	0.63	N	0.63	E	100	6296.67	146.62	-30.09	-26.25	0.09
GMS	64	6400	1.52	333.85	N	26.15	W	100	6396.63	149.58	-30.76	-26.84	0.93
GMS	65	6500	1.40	312.34	N	47.66	W	100	6496.59	151.61	-32.28	-28.31	0.56
GMS	66	6600	1.40	314.13	N	45.87	W	100	6596.56	153.28	-34.06	-30.04	0.04
GMS	67	6700	1.42	329.51	N	30.49	W	100	6696.53	155.21	-35.58	-31.51	0.38
GMS	68	6800	1.15	326.94	N	33.06	W	100	6796.51	157.12	-36.76	-32.64	0.28
GMS	69	6900	0.78	330.71	N	29.29	W	100	6896.49	158.56	-37.63	-33.47	0.38
GMS	70	7000	0.69	333.03	N	26.97	W	100	6996.48	159.69	-38.24	-34.05	0.09
GMS	71	7100	0.73	305.07	N	54.93	W	100	7096.48	160.62	-39.04	-34.83	0.35
GMS	72	7200	1.00	273.15	N	86.85	W	100	7196.47	161.10	-40.45	-36.22	0.54
GMS	73	7300	1.48	271.71	N	88.29	W	100	7296.44	161.20	-42.61	-38.38	0.48
GMS	74	7400	1.79	239.58	S	59.58	W	100	7396.40	160.50	-45.34	-41.12	0.95
GMS	75	7426	1.58	231.06	S	51.06	W	26	7422.39	160.06	-45.97	-41.76	1.26
MWD	76	7477.00	2.50	140.70	S	39.30	E	51	7473.36	158.44	-46.13	-41.97	5.81
MWD	77	7508.00	4.40	115.50	S	64.50	E	31	7504.30	157.30	-44.68	-40.55	7.70
MWD	78	7540.00	7.00	105.90	S	74.10	E	32	7536.14	156.18	-41.71	-37.61	8.63
MWD	79	7572.00	9.50	101.30	S	78.70	E	32	7567.80	155.10	-37.25	-33.18	8.07
MWD	80	7604.00	12.30	99.40	S	80.60	E	32	7599.22	154.01	-31.29	-27.26	8.82
MWD	81	7635.00	15.30	97.40	S	82.60	E	31	7629.33	152.93	-23.98	-19.97	9.80
MWD	82	7667.00	17.90	95.80	S	84.20	E	32	7659.99	151.88	-14.90	-10.92	8.25
MWD	83	7698.00	20.90	93.70	S	86.30	E	31	7689.23	151.03	-4.64	-0.69	9.93
MWD	84	7730.00	24.80	91.80	S	88.20	E	32	7718.71	150.43	7.77	11.70	12.40
MWD	85	7765.00	28.00	91.60	S	88.40	E	35	7750.06	149.97	23.32	27.24	9.15
MWD	86	7797.00	31.50	90.90	S	89.10	E	32	7777.83	149.62	39.19	43.09	10.99
MWD	87	7829.00	34.50	90.40	S	89.60	E	32	7804.67	149.42	56.62	60.51	9.41
MWD	88	7860.00	38.20	89.90	N	89.90	E	31	7829.63	149.38	74.99	78.87	11.97
MWD	89	7892.00	42.10	89.00	N	89.00	E	32	7854.09	149.57	95.62	99.50	12.32
MWD	90	7923.00	45.20	89.50	N	89.50	E	31	7876.51	149.85	117.01	120.89	10.06
MWD	91	7954.00	48.90	90.00	N	90.00	E	31	7897.63	149.95	139.70	143.57	11.99
MWD	92	7985.00	52.30	90.60	S	89.40	E	31	7917.31	149.83	163.65	167.51	11.07
MWD	93	8016.00	55.40	91.10	S	88.90	E	31	7935.59	149.46	188.68	192.52	10.08
MWD	94	8047.00	58.90	91.60	S	88.40	E	31	7952.40	148.84	214.71	218.53	11.37
MWD	95	8079.00	62.80	91.40	S	88.60	E	32	7967.99	148.11	242.64	246.43	12.20
MWD	96	8110.00	66.50	91.10	S	88.90	E	31	7981.26	147.50	270.64	274.41	11.97
MWD	97	8142.00	69.70	91.10	S	88.90	E	32	7993.19	146.93	300.32	304.06	10.00
MWD	98	8174.00	73.00	90.70	S	89.30	E	32	8003.42	146.45	330.64	334.35	10.38
MWD	99	8206.00	76.20	90.70	S	89.30	E	32	8011.92	146.08	361.48	365.18	10.00
MWD	100	8238.00	79.40	91.30	S	88.70	E	32	8018.68	145.53	392.75	396.42	10.17
MWD	101	8269.00	81.50	91.60	S	88.40	E	31	8023.82	144.76	423.31	426.95	6.84
MWD	102	8301.00	83.40	91.80	S	88.20	E	32	8028.03	143.82	455.01	458.62	5.97
MWD	103	8393.00	88.30	90.90	S	89.10	E	92	8034.69	141.66	546.72	550.24	5.41
MWD	104	8425.00	88.20	91.40	S	88.60	E	32	8035.66	141.01	578.70	582.19	1.59
MWD	105	8520.00	89.20	91.60	S	88.40	E	95	8037.82	138.53	673.64	677.03	1.07



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			ANG	Azimuth	DIR	CL	TVD	(-)South	(-)West				
MWD	106	8616.00	88.90	91.60	S 88.40 E 96	96	8039.41	135.85	769.59	772.88	0.31		
MWD	107	8711.00	88.30	91.40	S 88.60 E 95	95	8041.73	133.36	864.53	867.72	0.67		
MWD	108	8807.00	88.70	90.60	S 89.40 E 96	96	8044.24	131.69	960.48	963.59	0.93		
MWD	109	8902.00	88.00	90.20	S 89.80 E 95	95	8046.98	131.02	1055.44	1058.50	0.85		
MWD	110	8998.00	89.00	89.70	N 89.70 E 96	96	8049.49	131.11	1151.40	1154.44	1.16		
MWD	111	9093.00	87.40	88.30	N 88.30 E 95	95	8052.48	132.77	1246.33	1249.38	2.24		
MWD	112	9189.00	88.90	89.30	N 89.30 E 96	96	8055.57	134.77	1342.26	1345.33	1.88		
MWD	113	9284.00	89.90	89.90	N 89.20 E 95	95	8056.57	136.02	1437.25	1440.31	1.06		
MWD	114	9380.00	89.20	89.00	N 89.00 E 96	96	8057.32	137.53	1533.23	1536.30	0.76		
MWD	115	9476.00	88.50	88.80	N 88.80 E 96	96	8059.25	139.37	1629.19	1632.28	0.76		
MWD	116	9570.00	88.70	89.20	N 89.20 E 94	94	8061.55	141.01	1723.15	1726.25	0.48		
MWD	117	9666.00	88.30	89.00	N 89.00 E 96	96	8064.06	142.52	1819.10	1822.21	0.47		
MWD	118	9761.00	88.90	89.00	N 89.00 E 95	95	8066.38	144.17	1914.06	1917.18	0.63		
MWD	119	9857.00	88.00	88.80	N 88.80 E 96	96	8068.98	146.02	2010.01	2013.14	0.96		
MWD	120	9952.00	89.20	90.20	S 89.80 E 95	95	8071.30	146.84	2104.97	2108.09	1.94		
MWD	121	10047.00	88.20	89.70	N 89.70 E 95	95	8073.45	146.93	2199.95	2203.04	1.18		
MWD	122	10143.00	89.40	90.40	S 89.60 E 96	96	8075.46	146.84	2295.92	2298.98	1.45		
MWD	123	10239.00	88.50	90.70	S 89.30 E 96	96	8077.22	145.92	2391.90	2394.90	0.99		
MWD	124	10334.00	89.00	90.70	S 89.30 E 95	95	8079.30	144.76	2486.87	2489.81	0.53		
MWD	125	10430.00	88.30	91.30	S 88.70 E 96	96	8081.56	143.09	2582.83	2585.69	0.96		
MWD	126	10526.00	88.70	90.20	S 89.80 E 96	96	8084.07	141.83	2678.79	2681.58	1.22		
MWD	127	10621.00	88.90	91.10	S 88.90 E 95	95	8086.06	140.75	2773.76	2776.49	0.97		
MWD	128	10716.00	89.60	90.20	S 89.80 E 95	95	8087.30	139.68	2868.74	2871.41	1.20		
MWD	129	10812.00	88.90	90.20	S 89.80 E 96	96	8088.56	139.34	2964.73	2967.36	0.73		
MWD	130	10908.00	89.40	90.90	S 89.10 E 96	96	8089.98	138.42	3060.72	3063.29	0.90		
MWD	131	11003.00	88.90	90.60	S 89.40 E 95	95	8091.39	137.18	3155.70	3158.21	0.61		
MWD	132	11099.00	89.20	90.90	S 89.10 E 96	96	8092.99	135.92	3251.68	3254.12	0.44		
MWD	133	11194.00	87.80	90.00	S 90.00 E 95	95	8095.47	135.17	3346.64	3349.03	1.75		
MWD	134	11290.00	88.50	90.40	S 89.60 E 96	96	8098.57	134.84	3442.59	3444.93	0.84		
MWD	135	11386.00	88.90	90.90	S 89.10 E 96	96	8100.75	133.75	3538.55	3540.84	0.67		
MWD	136	11481.00	89.20	90.90	S 89.10 E 95	95	8102.32	132.26	3633.53	3635.75	0.32		
MWD	137	11578.00	88.70	90.40	S 89.60 E 97	97	8104.10	131.16	3730.51	3732.66	0.73		
MWD	138	11673.00	88.00	89.30	N 89.30 E 95	95	8106.84	131.41	3825.46	3827.59	1.37		
MWD	139	11769.00	87.40	88.80	N 88.80 E 96	96	8110.69	133.00	3921.37	3923.51	0.81		
MWD	140	11865.00	88.30	89.00	N 89.00 E 96	96	8114.29	134.84	4017.29	4019.44	0.96		
MWD	141	11961.00	88.90	89.70	N 89.70 E 96	96	8116.64	135.93	4113.25	4115.40	0.96		
MWD	142	12055.00	88.90	90.60	S 89.40 E 94	94	8118.44	135.68	4207.23	4209.34	0.96		
MWD	143	12151.00	88.90	92.00	S 88.00 E 96	96	8120.28	133.50	4303.19	4305.21	1.46		
MWD	144	12246.00	88.50	91.40	S 88.60 E 95	95	8122.44	130.69	4398.12	4400.03	0.76		
MWD	145	12341.00	88.90	91.60	S 88.40 E 95	95	8124.59	128.20	4493.06	4494.88	0.47		
MWD	146	12437.00	88.30	90.70	S 89.30 E 96	96	8126.94	126.27	4589.01	4590.75	1.13		
MWD	147	12500.00	88.50	91.10	S 88.90 E 63	63	8128.70	125.28	4651.98	4653.67	0.71		
PROJ	148	12566.00	88.50	91.10	S 88.90 E 66	66	8130.43	124.02	4717.95	4719.58	0.00		

LATERAL 4173.00

123.46 4718.82 4720.44

LATERAL PLAN 4160.39