

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.*5 Lease Serial No.
NMNM90807

6 If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

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

1 Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8 Well Name and No
OSAGE 34 FEDERAL 3H2. Name of Operator
SM ENERGYContact VICKIE MARTINEZ
E-Mail: VMARTINEZ@SM-ENERGY.COM9 API Well No
30-015-39785-00-X13a Address
3300 N A ST BLDG 7 STE 200
MIDLAND, TX 797053b Phone No (include area code)
Ph: 432-688-1709
Fx 432-688-170110 Field and Pool, or Exploratory
PARKWAY

4 Location of Well (Footage, Sec, T, R, M, or Survey Description)

Sec 34 T19S R29E NWSW 1880FSL 330FWL

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

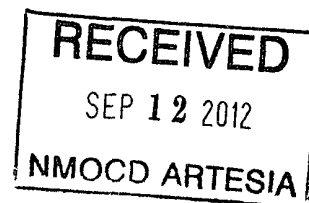
TYPE OF ACTION

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☒ 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 recompleat 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 recompleat 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.)

SM Energy respectfully requests permission to set a cement plug for the isolation of an abandoned lateral from 8,205' to 7,205'. The slurry used will be 350 sks Class H Cement + 0.2% bwoc FL-25 + 1% bwow Sodium Chloride + 46.6% Fresh Water, slurry weight: 15.60 ppg, Slurry yield 1.19 cf/sack

Please see attached sidetrack plans.

Accepted for record
NMOCD TES
9/13/2012

14 I hereby certify that the foregoing is true and correct

Electronic Submission #147527 verified by the BLM Well Information System
For SM ENERGY, sent to the Carlsbad

Committed to AFMSS for processing by WESLEY INGRAM on 09/06/2012 (12WWI0164SE)

Name (Printed/Typed) VICKIE MARTINEZ

Title ENGINEER TECH II

Signature (Electronic Submission)

Date 08/27/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By CHRISTOPHER WALLS

Title PETROLEUM ENGINEER

Date 09/10/2012

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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

**SM ENERGY COMPANY**

8/26/2012

OSAGE 34 FEDERAL COM WELL #3H
SECTION 34 T-19-S, R-29-E
EDDY COUNTY, NEW MEXICO

RKB = 3335' AMSL Est. (GL = 3317')

SHL X 622,345.51' Y 587,617.91'

Obj. = N 88.854 E

NAD 83

Type	#	SURVEY				CL	TVD	NAD 83		Vertical Section	Dogleg /100'
		MD	ANG	Azimuth	DIR			(+)North (-)South	(+)East (-)West		
GMS	THIN	0.00	0.00	357.67	N 2.33 W	—	0.00	0.00	0.00	0.00	THIN
GMS	1	200.00	0.25	357.67	N 2.33 W	200	200.00	0.44	-0.02	-0.01	0.12
GMS	2	400.00	0.37	29.53	N 29.53 E	200	400.00	1.47	0.23	0.26	0.10
GMS	3	600.00	0.29	51.48	N 51.48 E	200	599.99	2.34	0.98	1.02	0.07
GMS	4	800.00	0.60	75.19	N 75.19 E	200	799.99	3.04	2.36	2.42	0.18
GMS	5	1000.00	1.47	79.32	N 79.32 E	200	999.95	3.83	5.68	5.95	0.44
GMS	6	1200.00	1.09	76.05	N 76.05 E	200	1199.90	4.79	10.24	10.34	0.19
GMS	7	1400.00	0.83	89.03	N 89.03 E	200	1399.87	5.22	13.56	13.66	0.17
GMS	8	1600.00	0.75	78.23	N 78.23 E	200	1599.85	5.53	16.29	16.40	0.08
GMS	9	1800.00	1.11	112.63	S 67.17 E	200	1799.83	5.22	19.48	19.58	0.33
GMS	10	2000.00	1.40	110.54	S 69.46 E	200	1999.78	3.60	23.55	23.61	0.15
GMS	11	2200.00	1.19	153.73	S 26.27 E	200	2199.73	0.64	26.82	26.83	0.49
GMS	12	2400.00	2.23	165.51	S 14.49 E	200	2399.64	-4.95	28.89	28.79	0.55
GMS	13	2600.00	1.72	176.72	S 3.28 E	200	2599.52	-11.75	29.96	29.72	0.32
GMS	14	2800.00	2.07	170.57	S 9.43 E	200	2799.41	-18.32	30.69	30.32	0.20
GMS	15	3000.00	2.45	173.17	S 6.83 E	200	2999.25	-26.12	31.80	31.28	0.20
GMS	16	3200.00	1.68	175.85	S 4.15 E	200	3199.12	-33.29	32.49	31.82	0.39
GMS	17	3400.00	1.30	186.86	S 6.86 W	200	3399.05	-38.49	32.37	31.59	0.24
GMS	18	3600.00	1.11	215.07	S 35.07 W	200	3599.01	-42.37	30.88	30.03	0.31
GMS	19	3800.00	0.77	234.08	S 54.08 W	200	3798.98	-44.70	28.59	27.69	0.23
GMS	20	4000.00	0.72	337.73	N 22.27 W	200	3998.96	-44.08	26.42	25.53	0.59
GMS	21	4200.00	1.44	8.84	N 8.84 E	200	4198.93	-40.38	25.98	25.17	0.45
GMS	22	4400.00	1.57	20.80	N 20.80 E	200	4398.86	-35.31	27.32	26.61	0.17
GMS	23	4600.00	2.39	358.02	N 1.98 W	200	4598.74	-28.54	28.44	27.87	0.56
GMS	24	4800.00	1.99	10.87	N 10.87 E	200	4798.59	-20.94	29.03	28.61	0.32
GMS	25	5000.00	1.71	354.99	N 5.01 W	200	4998.49	-14.51	29.36	29.07	0.29
GMS	26	5200.00	1.93	353.69	N 6.31 W	200	5198.38	-8.19	28.74	28.57	0.11
GMS	27	5400.00	1.80	8.82	N 8.82 E	200	5398.28	-1.70	28.88	28.84	0.25
GMS	28	5600.00	1.38	332.09	N 27.91 W	200	5598.20	3.68	27.97	28.04	0.54
GMS	29	5800.00	1.72	308.95	N 51.05 W	200	5798.13	7.83	24.55	24.71	0.35
GMS	30	6000.00	1.76	327.14	N 32.86 W	200	5998.04	12.32	20.52	20.76	0.28
GMS	31	6200.00	2.01	349.83	N 10.17 W	200	6197.93	18.40	18.12	18.48	0.39
GMS	32	6400.00	1.97	321.98	N 38.02 W	200	6397.81	24.68	15.31	15.80	0.48
GMS	33	6600.00	1.52	311.41	N 48.59 W	200	6597.71	29.11	11.14	11.72	0.28
GMS	34	6800.00	0.89	303.05	N 56.95 W	200	6797.67	31.65	7.79	8.43	0.33
GMS	35	7000.00	0.88	314.67	N 45.33 W	200	6997.64	33.58	5.39	6.06	0.09
MWD	36	7119.00	0.90	281.60	N 78.40 W	119	7116.63	34.44	3.79	4.47	0.43
MWD	37	7214.00	0.50	189.20	S 9.20 W	95	7211.62	33.85	2.93	3.61	1.10
	38	7309.00	2.00	175.00	S 5.00 E	95	7306.60	31.79	2.85	3.49	1.60
	39	7372.00	4.96	155.00	S 25.00 E	63	7369.47	28.12	3.84	4.40	5.00
	40	7404.00	8.16	155.00	S 25.00 E	32	7401.26	24.81	5.38	5.88	10.00
	41	7435.00	11.26	155.00	S 25.00 E	31	7431.81	20.07	7.59	7.99	10.00
	42	7466.00	14.36	155.00	S 25.00 E	31	7462.04	13.84	10.49	10.77	10.00
	43	7497.00	17.46	155.00	S 25.00 E	31	7491.85	6.14	14.08	14.20	10.00
	44	7529.00	20.22	150.00	S 30.00 E	32	7522.13	-3.02	18.85	18.79	10.00
	45	7560.00	22.73	145.00	S 35.00 E	31	7550.98	-12.58	24.95	24.69	10.00
	46	7591.00	25.08	140.00	S 40.00 E	31	7579.32	-22.54	32.59	32.13	10.00
	47	7623.00	27.39	135.00	S 45.00 E	32	7608.02	-32.97	42.14	41.47	10.00
	48	7654.00	29.38	130.00	S 50.00 E	31	7635.29	-42.92	53.00	52.14	10.00
	49	7685.00	31.72	125.00	S 54.00 E	31	7661.98	-52.62	65.42	64.35	10.00
	50	7716.00	33.94	122.00	S 58.00 E	31	7688.03	-62.02	79.35	78.09	10.00
	51	7748.00	36.17	118.00	S 62.00 E	32	7714.23	-71.20	95.26	93.82	10.00
	52	7780.00	38.26	114.00	S 66.00 E	32	7739.71	-79.69	112.65	111.04	10.00
	53	7811.00	40.71	111.00	S 69.00 E	31	7763.63	-87.23	130.86	129.09	10.00
	54	7843.00	43.20	108.00	S 72.00 E	32	7787.43	-94.37	151.02	149.10	10.00
	55	7873.00	45.35	105.00	S 75.00 E	30	7808.90	-100.32	171.10	169.06	10.00
	56	7904.00	47.56	102.00	S 78.00 E	31	7830.26	-105.56	192.95	190.80	10.00
	57	7936.00	49.84	99.00	S 81.00 E	32	7851.38	-109.94	216.58	214.34	10.00
	58	7967.00	51.89	96.00	S 84.00 E	31	7870.94	-113.08	240.42	238.11	10.00
	59	7999.00	54.01	93.00	S 87.00 E	32	7890.22	-115.08	265.87	263.52	10.00
	60	8030.00	55.90	90.00	S 90.00 E	31	7908.02	-115.75	291.24	288.87	10.00
	61	8062.00	58.10	90.00	S 90.00 E	32	7925.21	-115.75	318.23	315.85	10.00
	62	8093.00	62.20	90.00	S 90.00 E	31	7940.40	-115.75	345.24	342.86	10.00
	63	8125.00	65.40	90.00	S 90.00 E	32	7954.53	-115.75	373.95	371.56	10.00
	64	8157.00	68.60	90.00	S 90.00 E	32	7967.03	-115.75	403.41	401.01	10.00
	65	8188.00	71.70	90.00	S 90.00 E	31	7977.55	-115.75	432.56	430.16	10.00
	66	8220.00	74.90	90.00	S 90.00 E	32	7986.75	-115.75	463.21	460.80	10.00
	67	8251.00	78.00	90.00	S 90.00 E	31	7994.01	-115.75	493.34	490.93	10.00
	68	8282.00	81.10	90.00	S 90.00 E	31	7999.63	-115.75	523.82	521.40	10.00
	69	8313.00	84.20	90.00	S 90.00 E	31	8003.59	-115.75	554.56	552.14	10.00
	70	8345.00	87.40	90.00	S 90.00 E	32	8005.94	-115.75	586.47	584.04	10.00
LANDING	71	8377.00	89.00	90.00	S 90.00 E	32	8006.94	-115.75	618.46	616.02	4.99



SM ENERGY COMPANY

OSAGE 34 FEDERAL COM WELL #3H
SECTION 34 T-19-S, R-29-E
EDDY COUNTY, NEW MEXICO

8/26/2012

RKB = 3335' AMSL Est. (GL = 3317')

SHL: X: 622,345.51' Y: 587,617.91'

Obj. =

N 88.854 E

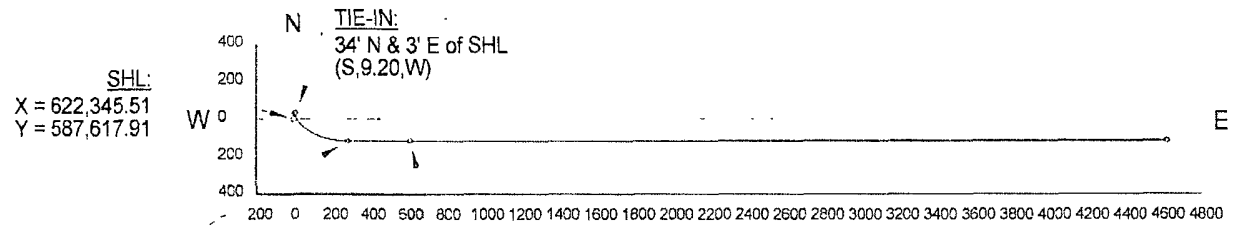
NAD 83

Type	#	MD	SURVEY		DIR	CL	TVD	NAD 83		Vertical Section	Dogleg /100'
			ANG	Azimuth				(+)North (-)South	(+)East (-)West		
	72	8533.00	89.00	90.00	S 90.00	E 156	8009.66	-115.75	774.43	771.96	0.00
	73	8628.00	89.00	90.00	S 90.00	E 95	8011.32	-115.75	869.42	866.93	0.00
	74	8722.00	89.00	90.00	S 90.00	E 94	8012.96	-115.75	963.41	960.90	0.00
	75	8816.00	89.00	90.00	S 90.00	E 94	8014.60	-115.75	1057.39	1054.86	0.00
	76	8911.00	89.00	90.00	S 90.00	E 95	8016.26	-115.75	1152.38	1149.83	0.00
	77	9004.00	89.00	90.00	S 90.00	E 93	8017.88	-115.75	1245.36	1242.80	0.00
	78	9099.00	89.00	90.00	S 90.00	E 95	8019.54	-115.75	1340.35	1337.76	0.00
	79	9193.00	89.00	90.00	S 90.00	E 94	8021.18	-115.75	1434.33	1431.73	0.00
	80	9287.00	89.00	90.00	S 90.00	E 94	8022.82	-115.75	1528.32	1525.70	0.00
	81	9381.00	89.00	90.00	S 90.00	E 94	8024.46	-115.75	1622.30	1619.66	0.00
	82	9475.00	89.00	90.00	S 90.00	E 94	8026.10	-115.75	1716.29	1713.63	0.00
	83	9569.00	89.00	90.00	S 90.00	E 94	8027.74	-115.75	1810.28	1807.60	0.00
	84	9664.00	89.00	90.00	S 90.00	E 95	8029.40	-115.75	1905.26	1902.56	0.00
	85	9758.00	89.00	90.00	S 90.00	E 94	8031.04	-115.75	1999.25	1996.53	0.00
	86	9852.00	89.00	90.00	S 90.00	E 94	8032.68	-115.75	2093.23	2090.50	0.00
	87	9948.00	89.00	90.00	S 90.00	E 96	8034.36	-115.75	2189.22	2186.46	0.00
	88	10043.00	88.40	90.00	S 90.00	E 95	8036.51	-115.75	2284.19	2281.42	0.63
	89	10136.00	88.40	90.00	S 90.00	E 93	8039.11	-115.75	2377.16	2374.37	0.00
	90	10231.00	88.40	90.00	S 90.00	E 95	8041.76	-115.75	2472.12	2469.31	0.00
	91	10326.00	88.40	90.00	S 90.00	E 95	8044.41	-115.75	2567.08	2564.25	0.00
	92	10420.00	88.40	90.00	S 90.00	E 94	8047.04	-115.75	2661.05	2658.20	0.00
	93	10514.00	88.40	90.00	S 90.00	E 94	8049.66	-115.75	2755.01	2752.14	0.00
	94	10610.00	88.40	90.00	S 90.00	E 96	8052.34	-115.75	2850.97	2848.09	0.00
	95	10704.00	88.40	90.00	S 90.00	E 94	8054.97	-115.75	2944.94	2942.03	0.00
	96	10799.00	88.40	90.00	S 90.00	E 95	8057.62	-115.75	3039.90	3036.97	0.00
	97	10893.00	88.40	90.00	S 90.00	E 94	8060.24	-115.75	3133.86	3130.92	0.00
	98	10988.00	88.40	90.00	S 90.00	E 95	8062.90	-115.75	3228.83	3225.86	0.00
	99	11083.00	88.40	90.00	S 90.00	E 95	8065.55	-115.75	3323.79	3320.81	0.00
	100	11177.00	88.40	90.00	S 90.00	E 94	8068.17	-115.75	3417.75	3414.75	0.00
	101	11270.00	88.40	90.00	S 90.00	E 93	8070.77	-115.75	3510.72	3507.70	0.00
	102	11366.00	88.40	90.00	S 90.00	E 96	8073.45	-115.75	3606.68	3603.64	0.00
	103	11459.00	88.40	90.00	S 90.00	E 93	8076.05	-115.75	3699.64	3696.59	0.00
	104	11553.00	88.40	90.00	S 90.00	E 94	8078.67	-115.75	3793.60	3790.53	0.00
	105	11647.00	88.40	90.00	S 90.00	E 94	8081.30	-115.75	3887.57	3884.47	0.00
	106	11742.00	88.40	90.00	S 90.00	E 95	8083.95	-115.75	3982.53	3979.42	0.00
	107	11837.00	88.40	90.00	S 90.00	E 95	8086.60	-115.75	4077.49	4074.36	0.00
	108	11932.00	88.40	90.00	S 90.00	E 95	8089.25	-115.75	4172.46	4169.31	0.00
	109	12027.00	88.40	90.00	S 90.00	E 95	8091.91	-115.75	4267.42	4264.25	0.00
	110	12122.00	88.40	90.00	S 90.00	E 95	8094.56	-115.75	4362.38	4359.19	0.00
	111	12217.00	88.40	90.00	S 90.00	E 95	8097.21	-115.75	4457.35	4454.14	0.00
	112	12287.00	88.40	90.00	S 90.00	E 70	8099.17	-115.75	4527.32	4524.10	0.00
BHL	113	12381.70	88.40	90.00	S 90.00	E 95	8101.81	-115.75	4621.98	4618.74	0.00
LATERAL		4004.70					8086.09	92.50	4822.51	4623.44	
								-107.50			

SM ENERGY COMPANY

OSAGE 34 FEDERAL COM WELL #3H "SIDETRACK" SECTION 34, T-19-S, R-29-E EDDY COUNTY, NEW MEXICO (08/27/12)

HORIZONTAL PROJECTION



H-OSG34-3ST

VERTICAL PROJECTION

