

Submit 1 Copy To Appropriate District
Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources
CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505
HOBBS OGD
MAY 1 2019
RECEIVED

Form C-103
Revised July 18, 2013

WELL API NO. 30-025-43360
5. Indicate Type of Lease STATE ☐ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Kimberly SWD
8. Well Number 1
9. OGRID Number 308339
10. Pool name or Wildcat SWD; Devonian - Silurian - 97869

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well ☐ Gas Well ☐ Other SWD; Injection	
2. Name of Operator OWL Operating, LLC	
3. Address of Operator 8214 Westchester Drive, Suite 850, Dallas, TX 75255	
4. Well Location Unit Letter _____ Lot I : 1450 feet from the South line and 287 feet from the East line Section 31 Township 25S Range 37E NMPM County Lea	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3010 GR	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: 2nd Intermediate Casing ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

4/20/2019. Drld 6-3/4" hole to 12,180'. Reached TD on 4/23/2019. 4/24/2019 R/U Loggers and ran Triple Combo (resistivity, porosity, neutron, gamma) of open hole injection section. R/D WF Loggers. 4/25/2019 R/U Renegade wireline and set permanent packer at 10,726'. 4/27/2019 RU Csg crew and ran 232 jts (10,726') of 5-1/2" 20# HC-L80 EZGO HTGT tubing. 4/27/2019 Sting into packer, landed tubing and tested annulus too 1500 psi for 30 mins. Good test. Released rig @ 21:00 hrs on 4/28/2019.

Provide C103 w/ first injection detail

Spud Date:

3/18/2019

Rig Release Date:

4/28/2019

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

Trevor Smith

TITLE

Drilling Engineer

DATE

3/21/2019

Type or print name

Trevor Smith

E-mail address:

trevor.smith@iptenergy

PHONE:

720-335-9045

For State Use Only

services.com

APPROVED BY

Karen Sharp

TITLE

Staff Mgr

DATE

5-28-19

Conditions of Approval (if any):



Company: OWL SWD Operating, LLC Job Number: 04-1-19-2596 Calculation Method Minimum Curvature
Well: Kimberly SWD #1 Mag (Grid): 6.33° Proposed Azimuth 0.0
Location: Lea Co, NM Dir Driller: Eugene Lopez Depth Reference 28'
Rig: Patterson 242 FST: Tommy Tie Into: Assumed Vertical
Job Date: 3/18/19 - 4/23/2019

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
							N/S (ft)	E/W (ft)	Distance (ft)	Direction Azimuth			
Tie In	0.00	0.00	0.00	0	0.00	0.00	0.00	0	0.00	0			
1	111	0.48	253.83	111	111.00	-0.13	0.13	S	0.45	W	0.46	0.43	228.68
2	158	0.40	198.11	47	158.00	-0.34	0.34	S	0.69	W	0.77	-0.17	-118.55
3	247	0.88	251.02	89	246.99	-0.86	0.86	S	1.43	W	1.67	0.54	59.45
4	337	1.41	242.49	90	336.97	-1.59	1.59	S	3.07	W	3.45	0.59	-9.48
5	427	1.93	246.54	90	426.94	-2.71	2.71	S	5.44	W	6.07	0.58	4.50
6	523	2.51	254.62	96	522.86	-3.91	3.91	S	8.95	W	9.76	0.60	8.42
7	615	2.64	248.70	92	614.77	-5.21	5.21	S	12.86	W	13.88	0.14	-6.43
8	706	2.20	239.30	91	705.69	-6.87	6.87	S	16.32	W	17.70	-0.48	-10.33
9	797	2.20	239.82	91	796.62	-8.64	8.64	S	19.33	W	21.17	0.00	0.57
10	890	2.20	244.12	93	889.55	-10.31	10.31	S	22.48	W	24.73	0.18	4.62
11	981	2.20	243.16	91	980.49	-11.86	11.86	S	25.61	W	28.22	0.04	-1.05
12	1073	2.24	245.00	92	1072.42	-13.42	13.42	S	28.81	W	31.79	0.09	2.00
13	1180	1.93	248.56	107	1179.35	-14.96	14.96	S	32.39	W	35.68	-0.29	3.33
14	1273	1.98	244.69	93	1272.29	-16.22	16.22	S	35.30	W	38.85	0.15	-4.16
15	1367	0.66	173.59	94	1366.27	-17.46	17.46	S	36.70	W	40.64	1.99	-75.64
16	1462	0.79	141.68	95	1461.26	-18.51	18.51	S	36.24	W	40.69	0.44	-33.59
17	1555	0.75	145.76	93	1554.25	-19.52	19.52	S	35.50	W	40.51	-0.04	4.39
18	1649	0.79	139.44	94	1648.25	-20.52	20.52	S	34.73	W	40.34	0.10	-6.72
19	1745	0.92	139.40	96	1744.24	-21.61	21.61	S	33.80	W	40.11	0.14	-0.04
20	1839	1.01	131.75	94	1838.22	-22.73	22.73	S	32.69	W	39.82	0.17	-8.14
21	1933	1.14	134.47	94	1932.21	-23.94	23.94	S	31.40	W	39.49	0.15	2.89
22	2028	1.32	127.62	95	2027.18	-25.27	25.27	S	29.86	W	39.12	0.24	-7.21
23	2123	1.36	120.06	95	2122.16	-26.50	26.50	S	28.02	W	38.57	0.19	-7.96
24	2218	1.58	119.97	95	2217.13	-27.72	27.72	S	25.91	W	37.94	0.23	-0.09
25	2313	1.63	107.23	95	2312.09	-28.78	28.78	S	23.48	W	37.14	0.38	-13.41
26	2408	1.93	96.42	95	2407.04	-29.35	29.35	S	20.60	W	35.86	0.47	-11.38
27	2502	2.33	94.75	94	2500.98	-29.69	29.69	S	17.13	W	34.28	0.43	-1.78
28	2597	2.77	98.44	95	2595.88	-30.19	30.19	S	12.93	W	32.84	0.49	3.88
29	2691	2.81	98.09	94	2689.77	-30.84	30.84	S	8.40	W	31.97	0.05	-0.37
30	2786	1.89	61.26	95	2784.70	-30.42	30.42	S	4.72	W	30.78	1.81	-38.77
31	2881	2.11	61.09	95	2879.64	-28.82	28.82	S	1.82	W	28.88	0.23	-0.18
32	3069	2.46	58.89	188	3067.49	-25.06	25.06	S	4.66	E	25.49	0.19	-1.17
33	3164	2.59	57.75	95	3162.40	-22.86	22.86	S	8.23	E	24.30	0.15	-1.20
34	3258	3.52	37.36	94	3256.26	-19.44	19.44	S	11.77	E	22.72	1.51	-21.69
35	3352	2.07	26.98	94	3350.15	-15.63	15.63	S	14.29	E	21.18	1.63	-11.04
36	3446	0.79	356.93	94	3444.12	-13.47	13.47	S	15.03	E	20.18	1.53	351.01



Company: OWL SWD Operating, LLC Job Number: 04-1-19-2596 Calculation Method Minimum Curvature
 Well: Kimberly SWD #1 Mag (Grid): 6.33° Proposed Azimuth 0.0
 Location: Lea Co, NM Dir Driller: Eugene Lopez Depth Reference 28'
 Rig: Patterson 242 FST: Tommy Tie Into: Assumed Vertical
 Job Date: 3/18/19 - 4/23/2019

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
							N/S (ft)	E/W (ft)	Distance (ft)	Direction Azimuth			
37	3540	0.66	356.75	94	3538.11	-12.28	12.28 S	14.96 E	19.36	129.38	0.14	-0.14	-0.19
38	3634	0.79	357.63	94	3632.11	-11.09	11.09 S	14.91 E	18.58	126.66	0.14	0.14	0.94
39	3729	0.75	357.10	95	3727.10	-9.82	9.82 S	14.85 E	17.80	123.47	0.04	-0.04	-0.56
40	3824	0.79	352.18	95	3822.09	-8.55	8.55 S	14.73 E	17.03	120.13	0.08	0.04	-5.18
41	3918	0.88	359.74	94	3916.08	-7.18	7.18 S	14.64 E	16.30	116.15	0.15	0.10	8.04
42	4013	0.97	6.68	95	4011.07	-5.66	5.66 S	14.73 E	15.78	111.01	0.15	0.09	-371.64
43	4107	1.01	6.15	94	4105.05	-4.04	4.04 S	14.91 E	15.45	105.17	0.04	0.04	-0.56
44	4201	1.14	2.64	94	4199.04	-2.28	2.28 S	15.04 E	15.21	98.64	0.15	0.14	-3.73
45	4295	1.32	1.23	94	4293.01	-0.27	0.27 S	15.11 E	15.11	91.02	0.19	0.19	-1.50
46	4389	1.36	3.96	94	4386.99	1.93	1.93 N	15.21 E	15.33	82.78	0.08	0.04	2.90
47	4483	1.41	2.02	94	4480.96	4.20	4.20 N	15.32 E	15.89	74.69	0.07	0.05	-2.06
48	4578	1.36	3.43	95	4575.93	6.49	6.49 N	15.43 E	16.74	67.19	0.06	-0.05	1.48
49	4671	1.50	4.10	93	4668.90	8.80	8.80 N	15.59 E	17.90	60.54	0.15	0.15	0.72
50	4766	0.50	98.40	95	4763.89	9.98	9.98 N	16.08 E	18.93	58.17	1.70	-1.05	99.26
51	4860	0.50	106.10	94	4857.89	9.81	9.81 N	16.88 E	19.53	59.84	0.07	0.00	8.19
52	4954	0.40	103.90	94	4951.89	9.62	9.62 N	17.60 E	20.05	61.34	0.11	-0.11	-2.34
53	5048	0.50	94.20	94	5045.88	9.51	9.51 N	18.32 E	20.65	62.57	0.13	0.11	-10.32
54	5143	0.20	112.10	95	5140.88	9.42	9.42 N	18.89 E	21.11	63.51	0.33	-0.32	18.84
55	5237	0.10	90.40	94	5234.88	9.35	9.35 N	19.13 E	21.29	63.94	0.12	-0.11	-23.09
56	5331	0.09	335.13	94	5328.88	9.42	9.42 N	19.18 E	21.37	63.84	0.17	-0.01	260.35
57	5426	0.09	365.40	95	5423.88	9.56	9.56 N	19.15 E	21.41	63.47	0.05	0.00	31.86
58	5519	0.13	337.13	93	5516.88	9.73	9.73 N	19.12 E	21.45	63.02	0.07	0.04	-30.40
59	5614	0.20	21.30	95	5611.88	9.99	9.99 N	19.14 E	21.59	62.44	0.15	0.07	-332.45
60	5709	0.20	349.40	95	5706.88	10.30	10.30 N	19.17 E	21.76	61.74	0.12	0.00	345.37
61	5803	0.20	4.50	94	5800.88	10.63	10.63 N	19.15 E	21.90	60.97	0.06	0.00	-366.91
62	5897	0.30	17.70	94	5894.88	11.03	11.03 N	19.24 E	22.17	60.18	0.12	0.11	14.04
63	5991	0.40	21.50	94	5988.88	11.57	11.57 N	19.43 E	22.61	59.24	0.11	0.11	4.04
64	6085	0.40	23.60	94	6082.87	12.17	12.17 N	19.68 E	23.14	58.27	0.02	0.00	2.23
65	6179	0.60	34.20	94	6176.87	12.88	12.88 N	20.09 E	23.87	57.34	0.23	0.21	11.28
66	6274	0.57	37.53	95	6271.86	13.67	13.67 N	20.66 E	24.77	56.51	0.05	-0.03	3.51
67	6368	0.70	49.20	94	6365.86	14.41	14.41 N	21.38 E	25.78	56.01	0.19	0.14	12.41
68	6469	1.10	80.00	101	6466.85	14.98	14.98 N	22.80 E	27.28	56.69	0.61	0.40	30.50
69	6564	1.60	88.00	95	6561.82	15.19	15.19 N	25.02 E	29.27	58.74	0.56	0.53	8.42
70	6659	2.11	87.30	95	6656.77	15.32	15.32 N	28.10 E	32.00	61.40	0.54	0.54	-0.74
71	6753	1.54	88.42	94	6750.72	15.43	15.43 N	31.09 E	34.71	63.60	0.61	-0.61	1.19
72	6847	1.71	86.70	94	6844.68	15.55	15.55 N	33.75 E	37.16	65.26	0.19	0.18	-1.83
73	6941	1.98	89.70	94	6938.63	15.64	15.64 N	36.77 E	39.96	66.96	0.30	0.29	3.19
74	7036	2.10	92.24	95	7033.57	15.58	15.58 N	40.15 E	43.07	68.80	0.16	0.13	2.67



Company: OWL SWD Operating, LLC Job Number: 04-1-19-2596 Calculation Method Minimum Curvature
 Well: Kimberly SWD #1 Mag (Grid): 6.33° Proposed Azimuth 0.0
 Location: Lea Co, NM Dir Driller: Eugene Lopez Depth Reference 28'
 Rig: Patterson 242 FST: Tommy Tie Into: Assumed Vertical
 Job Date: 3/18/19 - 4/23/2019

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
							N/S (ft)	E/W (ft)	Distance (ft)	Direction Azimuth			
75	7131	1.63	96.90	95	7128.52	15.35	15.35 N	43.24 E	45.88	70.46	0.52	-0.49	4.91
76	7225	1.20	98.30	94	7222.50	15.05	15.05 N	45.54 E	47.96	71.72	0.46	-0.46	1.49
77	7268	1.20	98.30	43	7265.49	14.92	14.92 N	46.43 E	48.76	72.19	0.00	0.00	0.00
78	7320	1.40	94.90	52	7317.47	14.78	14.78 N	47.60 E	49.84	72.75	0.41	0.38	-6.54
79	7414	1.50	95.40	94	7411.44	14.57	14.57 N	49.97 E	52.05	73.74	0.11	0.11	0.53
80	7508	1.70	95.40	94	7505.41	14.32	14.32 N	52.58 E	54.50	74.76	0.21	0.21	0.00
81	7602	1.80	94.90	94	7599.36	14.06	14.06 N	55.44 E	57.20	75.76	0.11	0.11	-0.53
82	7696	2.00	96.10	94	7693.31	13.76	13.76 N	58.54 E	60.14	76.77	0.22	0.21	1.28
83	7791	2.40	100.50	95	7788.24	13.23	13.23 N	62.15 E	63.54	77.99	0.46	0.42	4.63
84	7885	1.90	83.80	94	7882.17	13.04	13.04 N	65.63 E	66.91	78.77	0.85	-0.53	-17.77
85	7980	1.10	79.40	95	7977.14	13.37	13.37 N	68.09 E	69.39	78.89	0.85	-0.84	-4.63
86	8074	0.20	163.40	94	8071.13	13.38	13.38 N	69.03 E	70.31	79.03	1.17	-0.96	89.36
87	8169	0.60	124.70	95	8166.13	12.94	12.94 N	69.48 E	70.68	79.45	0.49	0.42	-40.74
88	8263	1.40	111.80	94	8260.12	12.23	12.23 N	70.95 E	72.00	80.22	0.88	0.85	-13.72
89	8358	1.00	90.80	95	8355.10	11.79	11.79 N	72.86 E	73.81	80.81	0.62	-0.42	-22.11
90	8451	1.10	92.30	93	8448.08	11.74	11.74 N	74.56 E	75.48	81.05	0.11	0.11	1.61
91	8546	1.40	80.90	95	8543.06	11.89	11.89 N	76.62 E	77.54	81.18	0.41	0.32	-12.00
92	8640	0.80	48.00	94	8637.04	12.51	12.51 N	78.24 E	79.24	80.92	0.90	-0.64	-35.00
93	8734	1.00	315.50	94	8731.03	13.54	13.54 N	78.15 E	79.32	80.17	1.39	0.21	284.57
94	8828	0.20	59.90	94	8825.03	14.20	14.20 N	77.72 E	79.01	79.64	1.14	-0.85	-271.91
95	8922	0.20	99.80	94	8919.03	14.26	14.26 N	78.03 E	79.32	79.64	0.15	0.00	42.45
96	9016	0.10	116.50	94	9013.03	14.19	14.19 N	78.26 E	79.54	79.72	0.12	-0.11	17.77
97	9110	0.40	129.90	94	9107.03	13.95	13.95 N	78.59 E	79.81	79.94	0.32	0.32	14.26
98	9204	1.10	126.00	94	9201.02	13.20	13.20 N	79.57 E	80.66	80.58	0.75	0.74	-4.15
99	9298	0.80	103.30	94	9295.01	12.52	12.52 N	80.94 E	81.90	81.20	0.51	-0.32	-24.15
100	9393	1.10	56.10	95	9389.99	12.88	12.88 N	82.34 E	83.34	81.11	0.85	0.32	-49.68
101	9486	3.00	69.30	93	9482.93	14.24	14.24 N	85.36 E	86.54	80.53	2.09	2.04	14.19
102	9580	3.20	72.50	94	9576.79	15.90	15.90 N	90.16 E	91.55	80.00	0.28	0.21	3.40
103	9674	2.60	75.10	94	9670.67	17.23	17.23 N	94.72 E	96.28	79.69	0.65	-0.64	2.77
104	9767	2.02	76.20	93	9763.60	18.17	18.17 N	98.35 E	100.02	79.53	0.63	-0.62	1.18
105	9858	1.20	105.00	91	9854.56	18.30	18.30 N	100.83 E	102.48	79.71	1.24	-0.90	31.65
106	9952	1.00	149.40	94	9948.55	17.34	17.34 N	102.20 E	103.66	80.37	0.91	-0.21	47.23
107	10045	1.10	155.90	93	10041.53	15.83	15.83 N	102.98 E	104.19	81.26	0.17	0.11	6.99
108	10140	1.30	142.00	95	10136.51	14.15	14.15 N	104.01 E	104.97	82.25	0.37	0.21	-14.63
109	10234	1.50	117.30	94	10230.48	12.74	12.74 N	105.76 E	106.53	83.13	0.67	0.21	-26.28
110	10328	2.30	95.70	94	10324.43	11.99	11.99 N	108.73 E	109.39	83.71	1.13	0.85	-22.98
111	10422	3.40	76.50	94	10418.31	12.45	12.45 N	113.32 E	114.00	83.73	1.53	1.17	-20.43
112	10517	3.50	72.50	95	10513.14	13.98	13.98 N	118.82 E	119.64	83.29	0.27	0.11	-4.21



Company: OWL SWD Operating, LLC Job Number: 04-1-19-2596 Calculation Method Minimum Curvature
 Well: Kimberly SWD #1 Mag (Grid): 6.33° Proposed Azimuth 0.0
 Location: Lea Co, NM Dir Driller: Eugene Lopez Depth Reference 28'
 Rig: Patterson 242 FST: Tommy Tie Into: Assumed Vertical
 Job Date: 3/18/19 - 4/23/2019

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
							N/S (ft)	E/W (ft)	Distance (ft)	Direction Azimuth			
113	10611	4.30	63.50	94	10606.93	16.42	16.42 N	124.71 E	125.79	82.50	1.07	0.85	-9.57
114	10705	4.00	50.80	94	10700.68	20.06	20.06 N	130.41 E	131.94	81.25	1.03	-0.32	-13.51
115	10799	4.10	50.00	94	10794.45	24.30	24.30 N	135.52 E	137.68	79.84	0.12	0.11	-0.85
116	10839	4.30	50.50	40	10834.34	26.17	26.17 N	137.78 E	140.24	79.25	0.51	0.50	1.25
117	10933	3.25	40.40	94	10928.13	30.44	30.44 N	142.22 E	145.44	77.92	1.32	-1.12	-10.74
118	11028	2.10	27.00	95	11023.03	34.04	34.04 N	144.76 E	148.71	76.77	1.37	-1.21	-14.11
119	11122	1.10	13.10	94	11116.99	36.45	36.45 N	145.74 E	150.23	75.96	1.13	-1.06	-14.79
120	11217	1.40	258.00	95	11211.98	37.10	37.10 N	144.82 E	149.49	75.63	2.23	0.32	257.79
121	11311	1.90	270.60	94	11305.94	36.88	36.88 N	142.13 E	146.84	75.45	0.65	0.53	13.40
122	11405	2.70	286.00	94	11399.87	37.51	37.51 N	138.45 E	143.44	74.84	1.07	0.85	16.38
123	11499	2.37	350.51	94	11493.79	40.03	40.03 N	136.00 E	141.77	73.60	2.89	-0.35	68.63
124	11594	3.60	3.60	95	11588.66	44.95	44.95 N	135.86 E	143.10	71.69	1.47	1.29	-365.17
125	11687	4.00	8.40	93	11681.46	51.07	51.07 N	136.52 E	145.76	69.49	0.55	0.43	5.16
126	11783	3.60	344.50	96	11777.25	57.29	57.29 N	136.20 E	147.76	67.19	1.69	-0.42	350.10
127	11877	5.10	317.80	94	11870.99	63.23	63.23 N	132.61 E	146.91	64.51	2.64	1.60	-28.40
128	11971	4.00	315.60	94	11964.69	68.67	68.67 N	127.51 E	144.82	61.70	1.18	-1.17	-2.34
129	12066	2.90	320.00	95	12059.52	72.87	72.87 N	123.64 E	143.52	59.49	1.19	-1.16	4.63
130	12132	3.10	326.10	66	12125.43	75.63	75.63 N	121.58 E	143.18	58.11	0.57	0.30	9.24

[illegible]