

Oil Cons. CONTACT RECEIVING
UNITED STATES N.M. DIV-Dist. 2
DEPARTMENT OF THE INTERIOR OFFICE FOR NUMBER
BUREAU OF LAND MANAGEMENT 351 W. Grand Avenue
Artesia, NM 88210
OF COPIES REQUIRED

BLM Roswell District
Modified Form No.
NM060-3160-3

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL ☒ GAS ☐ DRY ☐ OTHER ☐
WELL WELL WELL
b. TYPE OF COMPLETION: NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. ☐ OTHER ☐
WELL OVER BACK RESVR

2. NAME OF OPERATOR STRATA PRODUCTION COMPANY
3a. Area Code & Phone No. 505-622-1127
3. ADDRESS OF OPERATOR P. O. BOX 1030
ROSWELL, NEW MEXICO 88202-1030

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 10' FSL & 175' FWL Section 12-23S-29E
At top prod. interval reported below 2667' FSL 3017' FEL Section 11-23S-29E
At total depth 2686.06 FSL & 3043.28 FEL

9a. API Well No. 30-015-32476
14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED 10/18/02
16. DATE T.D. REACHED 11/20/02
17. DATE COMPL. (Ready to prod.) 12/14/02
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 2983' GR; 3001' KB

20. TOTAL DEPTH, MD & TVD 6735.65'
MD 9605'
21. PLUG BACK T.D., MD & TVD 9605' MD
22. IF MULTIPLE COMPL. HOW MANY *
23. INTERVALS DRILLED BY
ROTARY TOOLS CABLE TOOLS
0' - 9573'

24. PRODUCING INTERVAL(S) OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
9573' - 9605'; 6735.65 TVD Brushy Canyon
25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN
Gyro Survey, Bond Log, Csg. Inspection Logs, DLL, MLL, CNL, DL, GR
27. WAS WELL CORED No

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	H40	400'	17 1/2"	529 SX Class C	Circ
8 5/8"	32#	3055'	11"	813 SX 50/50 Poz C; 200 SX Class C	Circ 347 SX
5 1/2"	17#	9573'	7 7/8"	633 SX Poz C; 100 SX Lite, 750 SX Litecrete	Circ 125 SX
Open Hole		9605'	4 3/4"		

LINER RECORD				TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT *	SIZE	DEPTH SET (MD)	PACKER SET (MD)
				2 7/8"	6876'	6876'

PERFORATION RECORD (Interval, Size and Number)		ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
9573' - 9605' (Open Hole)		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		9573' - 9605' (6735.65 TVD)	70,000 Gals 35#/1000 Gals Gelled 2% KCL Wtr, Complexed Carrying 202,000# 16/30 C-Lite

33. * PRODUCTION
DATE FIRST PRODUCTION 12/14/02
PRODUCTION METHOD (Flowing, Gas Lift, Pumping - size and type of pump) Flowing
WELL STATUS (Producing or Shut-In) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS - OIL RATIO
12/17/02	24	1/2"	24 hrs	377	845	420	2.2
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24 - HOUR RATE	OIL-BBL	GAS - MCF	WATER - BBL	OIL GRAVITY - API (CORR)	
N/A	380#		377	845	420		43.5

34. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, etc.) Sold
TEST WITNESSED BY Frank Morgan

35. LIST OF ATTACHMENTS
DLL, MLL, CNL, DL, GR, Deviation Survey
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.
SIGNED Kelly M. Britt TITLE Production Records DATE January 23, 2003

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Rustler	Surface	260'	Redbed and Salt			
Salado	260'	1720'	Salt and Anhydrite			
Castile	1720'	3095'	Anhydrite			
Bell Canyon	3095'	4140'	Sandstone			
Cherry Canyon	4140'	5178'	Sandstone and Shale			
Brushy Canyon	5178'		Sandstone and Shale			

Survey

Schlumberger

Client: Strata Production Field: NM Eddy County 1 Structure: Strata Production Nash Draw #33 Well: Nash Draw #33 Borehole: Original hole UWI/API#: Date: November 08, 2002 Grid Convergence: 0.04539979° Scale Factor: 0.99990989 Location: N 32 9 16.621, W 104 14 52.902 : N 419981.400 ftUS, E 526399.600 ftUS Coordinate System: NAD27 New Mexico State Planes, Eastern Zone, US Feet	Survey Computation Method: Minimum Curvature DLS Computation Method: Lubinski Vertical Section Azimuth: 309.480° Vertical Section Origin: N 0.000 ft, E 0.000 ft TVD Reference: Borehole: 0.0 ft above Magnetic Declination: 8.883° Total Field Strength: 49413.175 nT Dip: 60.194° Declination Date: October 25, 2002 Magnetic Declination Model: BGM 2002 North Reference: Grid North Coordinate Reference To: Wellhead (Grid)
--	--

Comment	MD (ft)	Incl (°)	Azim (°)	TVD (ft)	VSec (ft)	NS (ft)	EW (ft)	Closure (ft)	CI Azim (°)	DLS (°/100ft)
Tie-In	3000.00	1.71	120.02	2999.25	-20.26	-23.47	6.92	24.47	163.57	---
Slim Pulse MWD Survey	3136.00	1.22	123.30	3135.21	-23.70	-25.28	9.89	27.14	158.64	0.37
Slim Pulse MWD Survey	3199.00	0.90	303.98	3198.20	-23.88	-25.37	10.04	27.29	158.42	3.37
Slim Pulse MWD Survey	3234.00	2.20	312.27	3233.19	-22.93	-24.77	9.31	26.46	159.39	3.76
	3310.00	5.12	319.31	3309.03	-18.13	-21.21	6.02	22.05	164.15	3.88
	3361.00	6.84	312.87	3359.75	-12.86	-17.42	2.31	17.57	172.44	3.61
	3421.00	8.81	309.99	3419.19	-4.70	-12.04	-3.83	12.63	197.64	3.35
	3488.00	10.71	309.65	3485.22	6.66	-4.77	-12.55	13.43	249.21	2.84
	3524.00	11.03	308.38	3520.57	13.45	-0.49	-17.83	17.84	268.41	1.11
	3590.00	13.50	308.08	3585.06	27.46	8.18	-28.84	29.98	285.83	3.74
	3655.00	16.00	310.28	3647.91	44.01	18.65	-41.65	45.64	294.12	3.94
	3712.00	18.16	311.67	3702.39	60.74	29.64	-54.28	61.85	298.63	3.86
	3776.00	20.26	314.34	3762.83	81.75	44.01	-69.66	82.40	302.29	3.56
	3840.00	22.54	315.06	3822.41	105.00	60.44	-86.25	105.32	305.02	3.59
	3906.00	24.93	313.94	3882.83	131.47	79.05	-105.21	131.60	306.92	3.68

6756.00	30.35	307.35	6362.44	1534.90	975.83	-1184.77	1534.90	309.48	0.54
6854.00	30.09	307.11	6447.12	1584.19	1005.67	-1224.05	1584.19	309.41	0.29
6935.00	29.78	301.83	6517.32	1624.42	1028.54	-1257.34	1624.43	309.28	3.27
7015.00	39.93	300.56	6582.89	1669.59	1052.13	-1296.43	1669.64	309.06	12.72
7108.00	50.61	304.91	6648.26	1735.11	1087.98	-1351.77	1735.22	308.83	11.95
7208.00	58.23	312.48	6706.46	1816.28	1138.93	-1414.96	1816.39	308.83	9.79
7270.00	64.25	313.80	6736.27	1870.49	1176.09	-1454.59	1870.57	308.96	9.89
7338.00	69.19	317.00	6763.15	1932.59	1220.57	-1498.41	1932.61	309.17	8.45
7373.00	72.03	317.60	6774.77	1965.29	1244.83	-1520.79	1965.30	309.30	8.27
7411.00	75.36	317.95	6785.43	2001.37	1271.83	-1545.30	2001.38	309.46	8.81
7438.00	79.20	318.25	6791.38	2027.41	1291.43	-1562.88	2027.41	309.57	14.26
7469.00	82.66	318.60	6796.26	2057.65	1314.33	-1583.19	2057.66	309.70	11.22
7500.00	85.53	319.56	6799.45	2088.05	1337.63	-1603.39	2088.09	309.84	9.76
7532.00	87.25	320.31	6801.47	2119.45	1362.07	-1623.94	2119.53	309.99	5.86
7565.00	88.97	320.63	6802.55	2151.83	1387.51	-1644.94	2151.97	310.15	5.30
7596.00	89.31	320.89	6803.02	2182.22	1411.51	-1664.54	2182.45	310.30	1.38
7636.00	89.48	320.75	6803.44	2221.44	1442.52	-1689.81	2221.78	310.49	0.55
7659.00	89.62	320.39	6803.62	2244.01	1460.28	-1704.42	2244.43	310.59	1.68
7691.00	91.27	319.77	6803.37	2275.46	1484.82	-1724.95	2276.00	310.72	5.51
7723.00	91.96	319.03	6802.47	2306.97	1509.11	-1745.77	2307.62	310.84	3.16
7756.00	92.10	317.16	6801.30	2339.58	1533.65	-1767.79	2340.34	310.94	5.68
7788.00	92.41	315.65	6800.04	2371.32	1556.81	-1789.84	2372.17	311.02	4.81
7820.00	91.99	314.12	6798.82	2403.15	1579.37	-1812.50	2404.07	311.07	4.95
7852.00	91.96	312.96	6797.71	2435.05	1601.40	-1835.68	2436.03	311.10	3.62
7884.00	92.27	311.72	6796.53	2466.99	1622.94	-1859.32	2468.00	311.12	3.99
7916.00	92.79	310.21	6795.12	2498.95	1643.90	-1883.46	2499.96	311.11	4.99
7952.00	93.54	309.20	6793.13	2534.89	1666.86	-1911.11	2535.90	311.09	3.49
7984.00	93.82	309.44	6791.08	2566.82	1687.10	-1935.81	2567.82	311.07	1.15
8017.00	93.23	309.05	6789.05	2599.76	1707.94	-1961.32	2600.74	311.05	2.14
8048.00	92.65	310.02	6787.46	2630.72	1727.64	-1985.20	2631.68	311.03	3.64
8080.00	91.72	309.82	6786.24	2662.69	1748.16	-2009.72	2663.65	311.02	2.97

3968.00	26.17	313.42	3938.76	158.13	97.52	-124.55	158.18	308.06	2.03
4040.00	27.32	312.22	4003.06	190.48	119.54	-148.31	190.49	308.87	1.76
4122.00	30.14	309.29	4074.96	229.87	145.22	-178.19	229.87	309.18	3.84
4204.00	31.18	306.55	4145.50	271.66	170.90	-211.18	271.67	308.98	2.12
4295.00	30.11	306.96	4223.79	317.99	198.66	-248.34	318.02	308.66	1.20
4394.00	30.82	311.06	4309.13	368.16	230.25	-287.31	368.19	308.71	2.22
4492.00	31.30	311.93	4393.08	418.69	263.75	-325.18	418.70	309.05	0.67
4588.00	30.34	310.94	4475.52	467.84	296.30	-362.05	467.84	309.30	1.13
4651.00	30.04	311.78	4529.98	499.50	317.24	-385.83	499.50	309.43	0.82
4748.00	29.72	311.12	4614.08	547.80	349.22	-422.05	547.80	309.61	0.47
4841.00	28.88	309.62	4695.19	593.30	378.71	-456.72	593.30	309.67	1.20
4941.00	29.25	309.30	4782.59	641.88	409.58	-494.22	641.88	309.65	0.40
5031.00	29.14	310.29	4861.16	685.78	437.68	-527.95	685.78	309.66	0.55
5127.00	29.18	309.52	4944.99	732.55	467.69	-563.83	732.56	309.67	0.39
5223.00	29.40	310.53	5028.72	779.51	497.89	-599.80	779.52	309.70	0.56
5318.00	29.29	309.81	5111.53	826.07	527.92	-635.37	826.07	309.72	0.39
5413.00	29.12	310.31	5194.46	872.42	557.75	-670.85	872.43	309.74	0.31
5509.00	29.23	310.83	5278.28	919.21	588.19	-706.40	919.22	309.78	0.29
5606.00	29.08	310.03	5362.99	966.46	618.84	-742.37	966.47	309.81	0.43
5702.00	28.73	307.79	5447.03	1012.85	647.98	-778.47	1012.86	309.77	1.19
5800.00	29.22	307.21	5532.76	1060.29	676.88	-816.13	1060.30	309.67	0.58
5897.00	28.32	307.76	5617.79	1106.95	705.29	-853.18	1106.95	309.58	0.97
5992.00	29.09	306.60	5701.11	1152.54	732.86	-889.53	1152.54	309.48	1.00
6086.00	30.20	308.05	5782.81	1199.00	761.05	-926.50	1199.00	309.40	1.41
6184.00	30.55	311.23	5867.36	1248.53	792.66	-964.64	1248.54	309.41	1.68
6276.00	30.62	312.44	5946.57	1295.30	823.88	-999.52	1295.30	309.50	0.67
6371.00	29.74	309.89	6028.69	1343.03	855.32	-1035.45	1343.03	309.56	1.64
6466.00	29.50	310.08	6111.28	1389.98	885.49	-1071.43	1389.98	309.57	0.27
6566.00	30.21	309.88	6198.00	1439.76	917.48	-1109.57	1439.76	309.59	0.72
6660.00	29.86	307.01	6279.39	1486.79	946.73	-1146.41	1486.79	309.55	1.57

8112.00	92.12	309.67	6785.17	2694.68	1768.61	-2034.31	2695.63	311.00	1.33
8144.00	92.44	309.66	6783.89	2726.65	1789.02	-2058.93	2727.60	310.99	1.00
8176.00	92.30	309.47	6782.57	2758.62	1809.38	-2083.58	2759.56	310.97	0.74
8208.00	91.65	309.40	6781.47	2790.60	1829.70	-2108.28	2791.53	310.95	2.04
8240.00	91.24	308.77	6780.66	2822.59	1849.87	-2133.11	2823.50	310.93	2.35
8272.00	91.17	308.54	6779.99	2854.58	1869.85	-2158.09	2855.47	310.91	0.75
8305.00	91.68	308.79	6779.17	2887.57	1890.46	-2183.85	2888.43	310.88	1.72
8336.00	92.58	309.17	6778.01	2918.55	1909.95	-2207.93	2919.39	310.86	3.15
8368.00	93.10	309.10	6776.43	2950.51	1930.12	-2232.72	2951.34	310.84	1.64
8398.00	92.89	309.51	6774.86	2980.46	1949.10	-2255.90	2981.29	310.83	1.53
8458.00	91.96	308.26	6772.32	3040.41	1986.73	-2302.56	3041.20	310.79	2.60
8496.00	92.48	308.38	6770.85	3078.37	2010.27	-2332.35	3079.14	310.76	1.40
8526.00	92.58	308.32	6769.53	3108.33	2028.87	-2355.86	3109.08	310.74	0.39
8558.00	92.44	307.94	6768.13	3140.30	2048.61	-2381.01	3141.02	310.71	1.26
8590.00	91.99	307.67	6766.89	3172.26	2068.21	-2406.27	3172.95	310.68	1.64
8622.00	91.99	307.49	6765.78	3204.22	2087.71	-2431.62	3204.89	310.65	0.56
8653.00	92.41	307.91	6764.59	3235.18	2106.66	-2456.13	3235.82	310.62	1.92
8685.00	91.93	307.82	6763.38	3267.15	2126.28	-2481.37	3267.76	310.59	1.53
8718.00	92.13	308.02	6762.21	3300.11	2146.55	-2507.39	3300.71	310.57	0.86
8750.00	92.30	308.01	6760.97	3332.08	2166.24	-2532.58	3332.65	310.54	0.53
8782.00	92.75	308.12	6759.56	3364.04	2185.95	-2557.75	3364.59	310.52	1.45
8810.00	92.96	308.12	6758.17	3392.00	2203.22	-2579.75	3392.53	310.50	0.75
8843.00	93.06	308.33	6756.43	3424.94	2223.61	-2605.64	3425.46	310.48	0.70
8876.00	92.58	307.55	6754.81	3457.89	2243.87	-2631.63	3458.39	310.45	2.77
8909.00	92.51	307.27	6753.34	3490.84	2263.90	-2657.82	3491.31	310.42	0.87
8942.00	92.72	307.51	6751.84	3523.78	2283.92	-2684.01	3524.23	310.40	0.97
8973.00	91.55	306.76	6750.68	3554.73	2302.62	-2708.71	3555.16	310.37	4.48
9004.00	90.52	306.62	6750.12	3585.69	2321.14	-2733.56	3586.09	310.34	3.35
9037.00	91.00	306.81	6749.69	3618.65	2340.87	-2760.01	3619.02	310.30	1.56
9069.00	91.65	306.88	6748.95	3650.60	2360.05	-2785.61	3650.95	310.27	2.04
9101.00	92.00	306.99	6747.93	3682.56	2379.27	-2811.18	3682.88	310.24	1.15

9134.00	91.82	306.73	6746.83	3715.50	2399.05	-2837.57	3715.81	310.21	0.96	
9165.00	91.96	306.71	6745.80	3746.45	2417.58	-2862.40	3746.73	310.18	0.46	
9196.00	91.69	306.57	6744.82	3777.40	2436.07	-2887.26	3777.66	310.16	0.98	
9229.00	91.96	306.48	6743.77	3810.34	2455.70	-2913.77	3810.58	310.12	0.86	
9260.00	91.75	306.10	6742.76	3841.27	2474.04	-2938.74	3841.49	310.09	1.40	
9292.00	91.31	305.95	6741.91	3873.20	2492.85	-2964.61	3873.40	310.06	1.45	
9325.00	91.68	306.20	6741.05	3906.13	2512.28	-2991.28	3906.31	310.03	1.35	
9356.00	91.65	306.16	6740.15	3937.07	2530.57	-3016.29	3937.23	310.00	0.16	
9389.00	91.10	305.75	6739.35	3970.00	2549.94	-3042.99	3970.14	309.96	2.08	
9420.00	90.96	305.79	6738.80	4000.93	2568.06	-3068.14	4001.05	163.57	0.47	
9451.00	90.76	306.03	6738.33	4031.86	2586.24	-3093.25	4031.97	158.64	1.01	
9483.00	89.97	305.39	6738.13	4063.79	2604.91	-3119.23	4063.89	158.42	3.18	
9502.00	90.65	305.49	6738.03	4082.75	2615.93	-3134.71	4082.83	159.39	3.62	
Proj To 9573.00 ft TD	9573.00	93.19	305.86	6735.65	4153.54	2657.31	-3192.34	4153.60	164.15	3.62