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NEW MEXICO OIL CONSERVATION COMMISSION

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MAY 02 '88

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

SUNDARY 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.)		5a. Indicate Type of Lease State ☒ Fee ☐
1. Name of Operator Burk Royalty Co.		5. State Oil & Gas Lease No. 16496
2. Address of Operator P. O. Box BRC, Wichita Falls, Texas 76307		7. Unit Agreement Name Double "L" Queen Un
3. Location of Well UNIT LETTER C 990 FEET FROM THE N LINE AND 1650 FEET FROM THE W LINE, SECTION 25 TOWNSHIP 14S RANGE 29E NMPM.		8. Form or Lease Name Double "L" Qn.Unit
15. Elevation (Show whether DF, RT, GR, etc.) RT 3816'		9. Well No. 1 3
10. Field and Pool, or Wildcat Double "L" Qn.Assoc		12. County Chaves

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK ☐ TEMPORARILY ABANDON ☐ PULL OR ALTER CASING ☐ OTHER Run step rate test ☒	SUBSEQUENT REPORT OF: PLUG AND ABANDON ☐ CHANGE PLANS ☐ REMEDIAL WORK ☐ COMMENCE DRILLING OPNS. ☐ CASING TEST AND CEMENT JOB ☐ OTHER ☐ ALTERING CASING ☐ PLUG AND ABANDONMENT ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Well No. 1803 - Ran step rate test on 4/20/88 in order to obtain permission to raise well head pressure from 400 psig to 1000 psig. The pressure rate curve indicates a 500 barrel per day injection rate at this pressure. The Flood now operates at 900 psig plant pressure but should be raised to 1000 psig. in the near future. We also request administrative approval to raise the well head pressure on wells no. 107 and 701 to 1000 psig. These wells are in the same reservoir and waterflood as well no 1803.

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

SIGNED Fred M. Lynch TITLE Petroleum Engineer DATE 4-27-88

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

WELL ANALYSIS CO.

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Company: BURK ROYALTY CO.

Wednesday 4/20/88

Lease : DOUBLE L QUEEN

Field : QUEEN

Well # : 1803

County : CHAVES

Run by : TAYLOR

State : NEW MEXICO

INJECTION

RATE	TIME hr:mn:sc	dTIME hr:mn:sc	PRESSURE psia	dPRESSURE psia	TEMP °F	SURF PRESS psia
	12:14:00	0:01:05	1981.91	1981.91	112.35	561.93
	12:15:00	0:02:05	2000.97	19.06	113.69	561.32
	12:16:00	0:03:05	2041.39	40.41	115.43	581.68
	12:17:00	0:04:05	2089.26	47.87	116.22	646.94
	12:18:01	0:05:06	2120.75	31.50	117.33	656.60
1/8 bpm	12:19:00	0:06:05	2162.04	41.28	118.10	701.43
	12:20:00	0:07:05	2191.77	29.73	118.61	682.58
	12:21:00	0:08:05	2229.84	38.07	119.63	752.05
	12:22:00	0:09:05	2264.55	34.71	120.57	793.86
	12:23:00	0:10:05	2301.87	37.33	121.72	746.86
	12:24:00	0:11:05	2334.60	32.73	122.74	811.89
	12:25:00	0:12:05	2365.28	30.68	123.79	786.30
	12:26:02	0:13:07	2396.01	30.73	124.17	863.30
	12:27:00	0:14:05	2443.91	47.90	125.32	868.67
	12:28:00	0:15:05	2484.58	40.67	125.43	895.63
1/4 bpm	12:29:00	0:16:05	2536.55	51.97	126.33	928.34
	12:30:00	0:17:05	2602.83	66.28	127.98	965.76
	12:31:00	0:18:05	2663.20	60.37	130.18	999.16
	12:32:00	0:19:05	2710.92	47.72	131.15	1031.76
	12:33:00	0:20:05	2751.43	40.51	132.65	1046.49
	12:34:00	0:21:05	2797.61	46.18	133.51	1079.79
	12:35:00	0:22:05	2815.46	17.84	133.64	1090.49
	12:36:00	0:23:05	2853.35	37.90	134.77	1111.78
	12:37:00	0:24:06	2887.82	34.47	136.84	1128.94
	12:38:00	0:25:05	2932.55	44.73	138.03	1152.65
1/2 bpm	12:39:00	0:26:05	2968.44	35.88	140.12	1148.55
	12:40:00	0:27:05	3016.26	47.83	141.52	1199.25
	12:41:01	0:28:06	3056.65	40.39	143.94	1174.50
	12:42:00	0:29:05	3103.93	47.27	145.39	1211.40
	12:43:00	0:30:05	3137.03	33.10	146.96	1239.62
	12:44:00	0:31:05	3180.21	43.18	148.86	1192.66
	12:45:00	0:32:05	3224.58	44.38	150.40	1205.07
	12:46:00	0:33:05	3273.14	48.55	153.06	1275.42
	12:47:00	0:34:06	3305.15	32.02	153.97	1289.08
	12:48:00	0:35:05	3351.05	45.89	156.18	1311.24
3/4 bpm	12:49:00	0:36:05	3387.49	36.44	157.46	1323.20
	12:50:00	0:37:05	3427.93	40.45	159.77	1295.20
	12:51:01	0:38:06	3463.70	35.76	161.08	1240.42
	12:52:00	0:39:05	3487.64	23.95	163.62	1231.96
	12:53:00	0:40:05	3521.13	33.48	165.00	1322.51
	12:54:00	0:41:05	3556.41	35.29	167.06	1245.45
	12:55:01	0:42:06	3599.72	43.30	168.98	1254.88
	12:56:00	0:43:05	3649.20	49.48	172.35	1338.78
↓	12:57:00	0:44:06	3694.14	44.94	174.15	1322.16
	12:58:00	0:45:05	3723.43	29.29	176.41	1327.81

WELL ANALYSIS CO.

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Company: BURK ROYALTY CO.

Wednesday 4/20/88

Lease : DOUBLE L QUEEN

Field : QUEEN

Well # : 1803

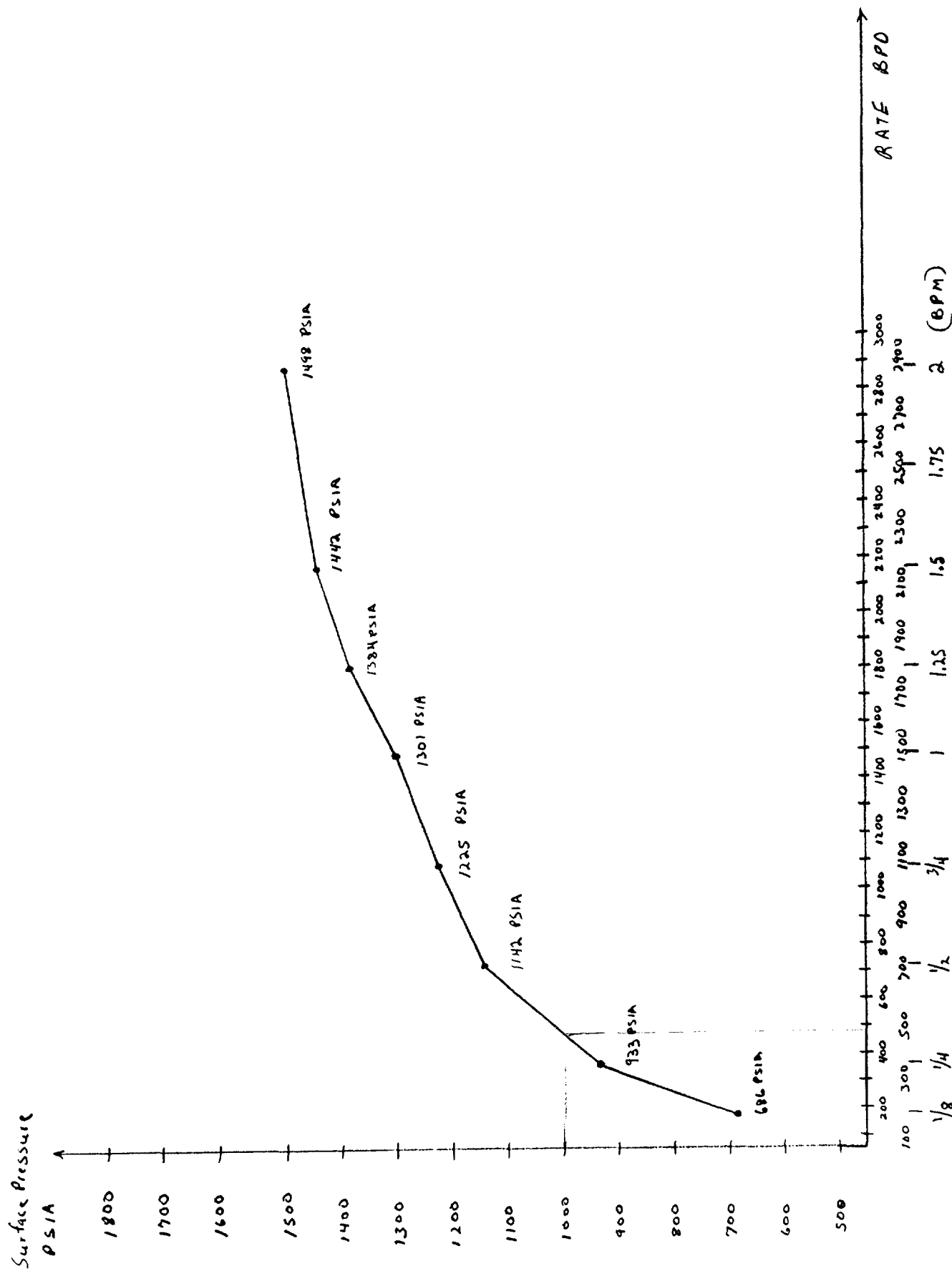
County : CHAVES

Run by : TAYLOR

State : NEW MEXICO

	TIME hr:mn:sc	dTIME hr:mn:sc	PRESSURE psia	dPRESSURE psia	TEMP °F	SURF PRESS psia
	12:59:00	0:46:05	3761.99	38.56	177.60	1338.67
1.8PM	13:00:00	0:47:05	3791.37	29.38	179.23	1350.78
	13:01:00	0:48:05	3805.50	14.13	180.26	1353.71
	13:02:00	0:49:05	3825.73	20.23	180.71	1345.00
	13:03:00	0:50:05	3842.98	17.25	182.41	1346.76
	13:04:00	0:51:05	3846.94	3.96	182.82	1347.37
	13:05:00	0:52:05	3854.61	7.67	183.15	1356.01
	13:06:00	0:53:05	3877.84	23.23	183.83	1362.81
	13:07:00	0:54:05	3895.30	17.46	184.78	1396.87
	13:08:00	0:55:05	3916.29	21.00	185.40	1398.30
	13:09:00	0:56:05	3934.91	18.62	186.94	1414.67
1.25 BPM	13:10:00	0:57:05	3959.03	24.11	188.05	1401.66
	13:11:00	0:58:05	3973.87	14.84	188.82	1408.45
	13:12:00	0:59:05	3982.82	8.96	189.63	1414.89
	13:13:00	1:00:05	3986.88	4.06	189.54	1400.63
	13:14:00	1:01:05	3998.39	11.51	190.23	1411.87
	13:15:02	1:02:07	3990.99	-7.40	190.01	1418.78
	13:16:00	1:03:06	3971.07	-19.92	188.80	1403.83
	13:17:00	1:04:05	3956.41	-14.65	187.05	1453.66
	13:18:00	1:05:05	3960.20	3.79	187.05	1453.11
	13:19:00	1:06:05	3961.35	1.14	187.01	1460.52
1.5 BPM	13:20:00	1:07:05	3966.86	5.51	187.62	1465.06
	13:21:00	1:08:06	3957.43	-9.43	187.08	1458.70
	13:22:00	1:09:05	3944.96	-12.47	185.91	1463.70
	13:23:00	1:10:05	3933.65	-11.30	185.43	1458.05
	13:24:00	1:11:05	3936.75	3.10	185.68	1464.41
	13:25:01	1:12:06	3938.39	1.65	185.46	1500.49
	13:26:00	1:13:05	3943.35	4.96	185.52	1499.78
	13:27:00	1:14:05	3945.96	2.60	185.72	1502.02
	13:28:01	1:15:06	3948.90	2.94	186.03	1498.73
	13:29:00	1:16:05	3954.54	5.64	186.35	1495.10
2.8PM	13:30:00	1:17:05	3963.38	8.84	187.03	1496.54
	13:31:00	1:18:05	3971.16	7.79	187.76	1494.30
	13:32:01	1:19:06	3973.93	2.76	188.07	1489.23
	13:33:00	1:20:05	3974.43	.50	188.22	1496.28
	13:34:00	1:21:05	3963.83	-10.60	187.91	1494.62
	13:35:00	1:22:05	3921.01	-42.82	186.93	1336.83
	13:36:00	1:23:05	3885.88	-35.13	186.91	1274.74
Shut in	13:37:00	1:24:05	3864.22	-21.67	186.59	1258.29
	13:38:00	1:25:05	3856.76	-7.45	186.96	1247.47
	13:39:00	1:26:05	3850.93	-5.83	187.61	1237.31
	13:40:00	1:27:05	3851.68	.75	188.08	1229.72
	13:41:01	1:28:06	3853.69	2.01	189.01	1224.13

Burk Royalty Co. 4/20/88
 Double L Queen #1803
 Chavez Co., New Mexico



BURK ROYALTY COMPANY

DOUBLE L QUEEN WELL NO. 1803

