



COUNTY	LEA	FIELD	Wildcat	STATE	NM		
OPR	AMOCO PRODUCTION CO.			API	30-025-27762		
NO	1	LEASE	Federal "BY"	MAP			
	Sec 14, T18S, R32E			COORD			
	660 FNL, 1980 FEL of Sec				3-2-41 NM		
	14 mi SW/Buckeye			SPD	4-11-82 CMP *5-27-83		
CSC	13 3/8-674-700 sx 9 5/8-4900-2950 sx 5 1/2-13,430-3270 sx			WELL CLASS: INIT WD FIN *WD LSE. CODE			
				FORMATION	DATUM	FORMATION	DATUM
				TD 13,430 (MRRW)		PBD	

*DRY & ABANDONED

CONTR	McVay #10	OPRSTLEV	3825 GL	sub-s
-------	-----------	----------	---------	-------

F.R. 2-1-82
 PD 13,300 RT (Morrow)

4-15-82 Drlg 2560 anhy & sh
 mw 9, vis 28, bit #2 (12 1/4-OSC1G)

4-23-82 Drlg 4057 anhy & dolo
 mw 10.1, vis 28, bit #6 (12 1/4-J55)

4-30-82 Drlg 5753 dolo
 mw 9.2, vis 28, bit #7 (8 3/4-F57)

5-7-82 Drlg 8440 sh & lm
 mw 9, vis 28, bit #8 (8 3/4-F57)

5-14-82 Drlg 10,350 sd, sh & lm
 mw 9.2, vis 28

5-20-82 Drlg 11,348 sh & lm
 mw 9.1, vis 31
 Drlg breaks 10,608-616, 11,090-110

6-3-82 Drlg 12,448 lm & sh
 mw 9.7, vis 33, bit #14 (8 3/4-F5)
 3-2-41 NM

LEA

AMOCO PRODUCTION CO.

Wildcat

1 Federal "BY"

Sec 14, T18S, R32E

NM

Page #2

6-3-82 Continued
Drlg breaks 11,646-658, 12,338-346 w/NS,
12,386-397 w/SO gd flu
6-11-82 Drlg 13,311 lm & sh
mw 9.7, vis 34, bit #15 (8 3/4-J55R)
Drlg breaks 12,669-673, 13,236-250,
13,254-266
6-18-82 TD 13,430; MORT
6-22-82 TD 13,430; WOCT
7-9-82 TD 13,430; PBD 13,350; Swbg
Perf (Morrow) 13,226-232, 13,234-238,
13,245-254, 13,265-267, 13,270-272, 13,275-
278, 13,282-292, 13,314-317 w/2 SPF
Acid (13,226-317) 5000 gals
3-2-41 NM

7-9-82 Continued
Swbd 120 BLW w/SSG in 12 hrs (13,226-317)
7-15-82 TD 13,430; PBD 13,350; SI Eval
Swbd 50 BLW w/2-3 FT flare (13,226-317)
8-20-82 TD 13,430; PBD 13,115; Prep Acid
CIBP @ 13,115
Perf (Strawn) *12,334-354
8-24-82 TD 13,430; PBD 13,115; SI
Acid (*12,334-354) 4000 gals
Swbd 20 BLW in 4 hrs (*12,334-354)
9-10-82 TD 13,430; PBD 13,115; Prep Swab
9-14-82 TD 13,430; PBD 13,115; SI Eval
Swbd 17 BW in 4 hrs & Swbd Dry (*12,334-354)
10-22-82 TD 13,430; PBD 12,215; Prep Acid
CIBP @ 12,215
Perf (Wolfcamp) 10,598-606 w/4 SPF
3-2-41 NM

LEA

AMOCO PRODUCTION CO.

Wildcat

1 Federal "BY"

Sec 14, T18S, R32E

NM

Page #3

10-22-82 Continued
Swbd 2 BO + 12 BW w/SSG in 1 hr (10,598-606)
10-26-82 TD 13,430; PBD 12,215; SI
Acid (10,598-606) 1500 gals
Swbd 6 BO + 20 BW in 1 hr (10,598-606)
11-15-82 TD 13,430; PBD 12,215; SI Eval
1-7-83 TD 13,430; PBD 10,281; Tstg
CIBP @ 10,281
Perf (Grayburg) 4962-72, 4980-90 w/4 SPF
1-12-83 TD 13,430; PBD 10,281; Tstg
Swbd 1.5 BW in 1 hr (4962-90)
1-17-83 TD 13,430; PBD 10,281; SIPBU
*7-11-83 TD 13,430; Dry & Abandoned
*LOG TOPS: Delaware 5062, Bone Spring 6782,
3-2-41 NM

*7-11-83

Continued

First Bone Spring 8266, Second Bone Spring
8965, Third Bone Spring 9724, Wolfcamp
10,088, Strawn 12,128, Morrow 12,826
LOGS RUN: CORL, TMPL, GRL, CCL, *DELL,
*CNL, *FDC, *BHC
Rig Released 6-17-82

*Denotes changes & additions

3-12-83

TEMPORARY COMPLETION ISSUED

7-16-83

RE-ISSUE OF SUSPENDED COMPLETION

3-2-41 NM

IC 30-025-70068-82

ANALYST: LOG ANALYST

5-JUL-82 21:40:14

```
*****
*                                     *
*                                     *
*                                     *
*****
*                                     *
*   SCHLUMBERGER                     *
*                                     *
*****
```

COMPUTER PROCESSED INTERPRETATION CORIBAND

COMPANY : AMOCO PRODUCTION C

O.LL : FEDERAL BY #1

FIELD : YOUNG MORROW

COUNTRY : USA

REFERENCE : FS1A.77,2

LOGGED : 13-JUN-82

COMPANY

AMOCO PRODUCTION C O.LL

FEDERAL BY #1

PAGE

1

ALL LEVELS WITH VSH GREATER THAN 50 PERCENT NOT LI
STED

ALL LEVELS WHERE POROSITY IS LESS THAN 2 PERCENT N
OT LISTED

COMPUTATION PARAMETERS

DEPTH FT	VCL PU	ROMA G/C3	SW PU	POR PU	SPI PU	POR/ FT	CUMU LATIVE HC/ FT
4952.0	11	2.77	65	3.56	0	91.37	43.17
4953.0	6	2.75	53	4.46	0	91.34	43.16
4954.0	0	2.74	42	5.18	0	91.29	43.14
4955.0	3	2.76	45	3.98	0	91.24	43.11
4959.0	0	2.71	61	4.98	0	91.17	43.09
4960.0	2	2.71	82	4.48	0	91.12	43.07
4961.0	2	2.70	95	4.26	0	91.08	43.07
4962.0	8	2.71	98	5.01	0	91.03	43.06
4963.0	9	2.71	73	7.24	0	90.98	43.06
4964.0	1	2.70	48	10.68	0	90.89	43.02
4965.0	0	2.71	45	10.79	0	90.78	42.96
4966.0	0	2.70	37	13.72	0	90.66	42.90
4967.0	0	2.70	43	12.49	0	90.53	42.81
4968.0	0	2.69	36	15.83	0	90.40	42.73
4969.0	0	2.70	40	15.02	0	90.24	42.63
4970.0	0	2.70	39	13.12	0	90.09	42.55
4971.0	0	2.69	36	11.31	.55	89.97	42.47
4972.0	2	2.73	47	6.42	0	89.86	42.40
4973.0	5	2.81	99	2.56	0	89.82	42.39
4974.0	3	2.78	55	4.38	0	89.79	42.38
4975.0	10	2.81	100	2.25	0	89.74	42.36
4980.0	15	2.69	100	3.08	0	89.72	42.36
4981.0	2	2.71	53	12.44	0	89.66	42.35
4982.0	0	2.69	45	16.90	0	89.52	42.27
4983.0	2	2.72	45	16.47	0	89.35	42.18
4984.0	1	2.71	46	15.89	0	89.19	42.09
4985.0	1	2.71	46	14.09	0	89.03	42.01
4986.0	11	2.73	67	7.16	0	88.90	41.94
4987.0	13	2.71	71	7.16	0	88.84	41.93
4988.0	5	2.71	39	15.25	.70	88.75	41.89
4989.0	1	2.74	53	9.66	1.36	88.60	41.80
4991.0	3	2.74	61	3.44	0	88.51	41.77
4992.0	0	2.76	49	4.08	0	88.47	41.76
4993.0	2	2.80	46	3.47	0	88.43	41.73
4995.0	2	2.86	55	2.85	0	88.38	41.71
4996.0	4	2.86	43	4.41	.49	88.34	41.70
4997.0	7	2.87	65	3.11	.64	88.30	41.67
5001.0	4	2.86	62	2.25	0	88.25	41.66
5002.0	1	2.88	52	2.97	0	88.23	41.65
5003.0	4	2.84	57	2.49	0	88.20	41.63
5015.0	18	2.72	100	5.61	0	88.12	41.63

DEPTH FT	VCL PU	ROMA G/C3	SW PU	POR PU	SPI PU	CUMU POR/ FT	LATIVE HC/ FT
5016.0	6	2.73	48	12.41	0	88.04	41.61
5017.0	4	2.75	64	8.54	0	87.92	41.55
5018.0	12	2.73	100	3.73	0	87.85	41.53
5019.0	9	2.74	100	3.85	0	87.81	41.53
5020.0	6	2.73	100	4.39	0	87.77	41.53
5022.0	8	2.70	98	3.70	0	87.72	41.53
5023.0	7	2.73	99	3.61	0	87.68	41.52
5024.0	13	2.70	100	2.93	0	87.65	41.52
5025.0	12	2.70	100	3.77	0	87.63	41.52
5026.0	5	2.71	65	6.69	0	87.59	41.52
5027.0	4	2.72	64	6.70	0	87.52	41.49
5028.0	9	2.75	100	3.54	0	87.46	41.48
5029.0	5	2.73	66	5.62	0	87.42	41.48
5030.0	3	2.74	61	5.67	0	87.36	41.46
5031.0	6	2.75	79	4.76	0	87.30	41.44
5032.0	3	2.74	56	6.05	0	87.25	41.42
5033.0	0	2.75	52	5.60	0	87.19	41.39
5034.0	1	2.80	56	3.93	0	87.14	41.37
5035.0	6	2.81	74	2.15	0	87.11	41.35
5064.0	17	2.72	100	2.82	0	86.92	41.35
5065.0	8	2.70	83	7.85	0	86.87	41.35
5066.0	9	2.72	79	8.15	0	86.78	41.32
5067.0	9	2.71	78	8.04	0	86.70	41.30
5068.0	16	2.72	100	5.30	0	86.61	41.28
5069.0	15	2.71	100	6.81	0	86.56	41.28
5070.0	10	2.72	71	9.31	0	86.47	41.26
5071.0	17	2.73	97	6.98	0	86.39	41.25
5072.0	12	2.75	75	7.34	0	86.33	41.25
5073.0	3	2.74	56	7.66	0	86.25	41.23
5074.0	2	2.74	71	5.85	0	86.18	41.20
5075.0	1	2.73	51	8.28	0	86.12	41.17
5076.0	0	2.74	54	7.86	0	86.04	41.13
5077.0	0	2.71	50	8.02	0	85.96	41.10
5078.0	0	2.73	54	7.43	0	85.88	41.06
5079.0	5	2.68	64	6.72	0	85.81	41.03
5080.0	10	2.72	100	4.89	0	85.75	41.02
5081.0	5	2.69	95	8.58	0	85.69	41.02
5082.0	5	2.72	69	12.90	0	85.60	41.00
5083.0	4	2.72	50	17.92	0	85.46	40.95
5084.0	0	2.71	48	18.80	0	85.28	40.86
5085.0	0	2.69	45	19.61	0	85.08	40.76
5086.0	0	2.71	45	19.81	0	84.89	40.65
5087.0	0	2.73	42	21.88	0	84.68	40.53
5088.0	0	2.73	44	21.39	0	84.46	40.40
5089.0	0	2.70	43	21.45	0	84.24	40.28
5090.0	0	2.69	41	21.73	0	84.03	40.16

DEPTH FT	VCL PU	ROMA G/C3	SW PU	POR PU	SPI PU	CUMU LATIVE POR/ FT HC/ FT
5091.0	0	2.71	43	20.46	0	83.81 40.03
5092.0	0	2.76	44	18.42	0	83.60 39.91
5093.0	1	2.73	52	14.80	0	83.43 39.81
5094.0	0	2.73	47	15.53	0	83.28 39.74
5095.0	0	2.71	43	15.99	0	83.12 39.65
5096.0	1	2.75	52	13.46	0	82.96 39.57
5097.0	0	2.73	40	15.36	0	82.83 39.50
5098.0	0	2.73	41	14.58	0	82.67 39.40
5099.0	3	2.72	54	12.23	0	82.53 39.32
5100.0	8	2.74	69	9.94	0	82.42 39.27
5101.0	5	2.74	59	10.70	0	82.32 39.24
5102.0	0	2.73	49	12.36	0	82.21 39.19
5103.0	0	2.74	49	11.15	0	82.08 39.13
5104.0	0	2.77	54	8.56	0	81.98 39.08
5105.0	0	2.77	41	8.00	.31	81.89 39.04
5106.0	0	2.80	49	5.11	0	81.82 38.99
5107.0	7	2.80	73	3.44	.77	81.77 38.97
5136.0	0	2.69	100	2.17	0	81.63 38.97
5137.0	0	2.71	100	2.99	0	81.60 38.97
5138.0	7	2.70	100	2.11	0	81.57 38.97
5140.0	2	2.71	100	5.95	0	81.53 38.97
5141.0	0	2.72	95	8.90	0	81.46 38.96
5142.0	0	2.72	90	10.27	0	81.37 38.96
5143.0	0	2.72	65	13.15	.36	81.26 38.94
5144.0	0	2.72	58	13.65	2.70	81.12 38.89
5145.0	0	2.74	56	11.77	3.09	80.99 38.83
5146.0	0	2.73	60	9.84	2.00	80.88 38.78
5147.0	0	2.73	63	9.26	.71	80.78 38.74
5148.0	0	2.74	75	8.18	0	80.69 38.71
5149.0	0	2.74	68	8.23	0	80.61 38.69
5150.0	1	2.76	65	7.15	0	80.53 38.66
5151.0	10	2.75	100	2.54	0	80.46 38.64
5174.0	13	2.69	100	4.82	0	80.31 38.64
5175.0	18	2.72	100	4.56	0	80.26 38.64
5176.0	7	2.72	94	9.48	0	80.21 38.64
5177.0	0	2.72	66	11.73	0	80.11 38.63
5178.0	0	2.74	63	11.89	0	79.99 38.58
5179.0	0	2.76	64	10.26	0	79.88 38.54
5180.0	0	2.78	55	8.43	0	79.78 38.51
5181.0	2	2.75	52	4.57	0	79.70 38.47
5189.0	4	2.77	55	3.09	0	79.60 38.46
5198.0	8	2.77	100	2.15	0	79.53 38.45
5199.0	6	2.79	95	2.78	0	79.51 38.45

DEPTH FT	VCL PU	ROMA G/C3	SW PU	POR PU	SPI PU	CUMU LATIVE POR/ FT	HC/ FT
5200.0	9	2.79	99	2.34	0	79.48	38.45
5234.0	0	2.82	75	2.45	0	79.30	38.45
5235.0	0	2.82	48	4.04	.02	79.28	38.44
5236.0	0	2.84	62	3.28	0	79.24	38.42
5238.0	0	2.81	100	2.45	0	79.19	38.42
5240.0	3	2.78	76	3.86	0	79.15	38.42
5241.0	1	2.83	100	3.06	0	79.11	38.41
5243.0	8	2.83	100	2.19	0	79.06	38.41
5244.0	6	2.82	66	3.84	.17	79.04	38.41
5245.0	1	2.89	64	3.85	0	79.00	38.39
5246.0	0	2.90	48	5.33	0	78.95	38.37
5247.0	0	2.86	37	6.56	1.55	78.90	38.34
5248.0	0	2.87	33	5.65	2.05	78.83	38.30
5249.0	0	2.86	36	3.52	0	78.78	38.27
5252.0	0	2.84	61	3.35	0	78.72	38.25
5253.0	0	2.84	47	4.13	0	78.69	38.23
5254.0	0	2.83	39	4.62	.47	78.64	38.21
5255.0	0	2.84	42	4.25	.36	78.60	38.18
5256.0	0	2.85	46	4.09	0	78.55	38.16
5257.0	0	2.86	50	3.65	0	78.51	38.13
5258.0	0	2.86	62	2.86	0	78.48	38.12
5259.0	0	2.88	99	2.46	0	78.45	38.11
5260.0	0	2.85	74	3.57	0	78.43	38.11
5261.0	0	2.85	96	3.35	0	78.39	38.10
5262.0	0	2.87	100	2.41	0	78.36	38.10
5263.0	0	2.79	55	5.47	.17	78.33	38.10
5264.0	0	2.82	60	4.72	0	78.28	38.07
5265.0	0	2.80	68	4.29	0	78.23	38.06
5266.0	0	2.80	53	5.51	0	78.19	38.04
5267.0	0	2.83	68	4.28	0	78.14	38.02
5268.0	0	2.82	99	3.08	0	78.10	38.01
5269.0	1	2.80	99	3.17	0	78.07	38.01
5270.0	1	2.81	99	3.49	0	78.04	38.01
5271.0	0	2.79	76	4.08	0	78.00	38.01
5272.0	0	2.80	75	3.82	0	77.96	38.00
5273.0	0	2.82	97	3.41	0	77.93	38.00
5274.0	0	2.84	98	3.35	0	77.90	38.00
5275.0	0	2.82	93	3.42	0	77.86	38.00
5276.0	0	2.82	100	2.29	0	77.83	38.00
5277.0	0	2.83	100	2.37	0	77.81	38.00
5278.0	0	2.80	98	2.23	0	77.78	38.00
5282.0	5	2.79	94	2.70	0	77.74	37.99

DEPTH FT	VCL PU	ROMA G/C3	SW PU	POR PU	SPI PU	CUMU LATIVE POR/ FT	HC/ FT
5283.0	4	2.82	100	2.22	0	77.71	37.99
5285.0	4	2.85	100	2.08	0	77.68	37.99
5286.0	10	2.78	100	2.87	0	77.65	37.99
5287.0	3	2.81	73	3.93	0	77.62	37.99
5288.0	1	2.82	83	3.33	0	77.58	37.98
5289.0	1	2.80	59	3.92	0	77.54	37.97
5290.0	3	2.83	78	3.18	0	77.51	37.95
5291.0	2	2.81	67	3.49	0	77.48	37.95
5292.0	0	2.82	87	2.96	0	77.44	37.94
5293.0	0	2.79	100	2.25	0	77.41	37.94
5294.0	0	2.81	100	2.30	0	77.39	37.94
5297.0	0	2.81	99	2.65	0	77.34	37.94
5298.0	0	2.79	60	3.75	0	77.31	37.93
5299.0	0	2.82	100	2.14	0	77.27	37.92
5301.0	0	2.80	81	2.60	0	77.23	37.92
5302.0	0	2.80	96	2.56	0	77.21	37.92
5303.0	0	2.79	61	3.61	0	77.18	37.91
5304.0	0	2.79	64	3.54	0	77.14	37.90
5305.0	0	2.81	96	2.79	0	77.11	37.89
5306.0	0	2.81	73	3.38	0	77.08	37.88
5307.0	0	2.79	60	4.32	0	77.04	37.87
5308.0	2	2.83	100	2.40	0	77.00	37.86
5309.0	3	2.79	60	4.73	0	76.97	37.86
5310.0	3	2.79	68	4.11	0	76.93	37.84
5311.0	7	2.81	81	3.58	0	76.89	37.83
5312.0	3	2.80	53	4.52	0.18	76.84	37.81
5314.0	1	2.82	100	2.67	0	76.78	37.80
5315.0	0	2.82	65	3.87	0	76.75	37.79
5316.0	1	2.84	100	2.24	0	76.72	37.79
5317.0	0	2.79	93	3.59	0	76.70	37.79
5318.0	0	2.76	45	7.29	0	76.65	37.77
5319.0	0	2.77	49	7.06	0	76.58	37.73
5320.0	0	2.79	48	6.65	0	76.51	37.70
5321.0	0	2.77	38	6.94	0	76.45	37.67
5322.0	3	2.77	64	4.68	0	76.38	37.63
5323.0	3	2.78	97	3.62	0	76.34	37.62
5324.0	8	2.80	74	3.52	0	76.30	37.61
5326.0	1	2.82	100	2.38	0	76.26	37.61
5327.0	4	2.84	100	2.92	0	76.23	37.61
5328.0	5	2.82	100	2.68	0	76.20	37.61
5329.0	5	2.79	80	4.68	0	76.17	37.61
5330.0	1	2.79	49	6.90	0	76.12	37.59
5331.0	3	2.79	53	6.31	0	76.05	37.56

DEPTH FT	VCL PU	ROMA G/C3	SW PU	POR PU	SPI PU	CUMU POR/ FT	LATIVE HC/ FT
5332.0	7	2.79	64	5.33	0	75.99	37.53
5333.0	1	2.83	65	4.84	0	75.94	37.52
5334.0	2	2.83	64	4.26	0	75.89	37.50
5335.0	6	2.79	85	3.67	0	75.85	37.49
5336.0	5	2.81	58	5.02	0	75.81	37.47
5337.0	7	2.81	66	4.44	0	75.75	37.45
5338.0	1	2.80	75	4.37	0	75.70	37.43
5339.0	3	2.81	58	5.62	0	75.66	37.42
5340.0	8	2.83	62	5.15	0	75.60	37.40
5341.0	6	2.82	69	4.73	0	75.56	37.38
5342.0	4	2.82	59	5.36	0	75.50	37.36
5343.0	3	2.82	59	5.36	0	75.45	37.34
5344.0	3	2.81	58	5.52	0	75.39	37.31
5345.0	5	2.82	67	4.81	0	75.33	37.28
5346.0	6	2.86	87	3.84	0	75.29	37.27
5347.0	10	2.82	91	3.47	0	75.25	37.27
5348.0	7	2.82	54	4.66	.20	75.21	37.26
5349.0	3	2.82	42	4.57	0	75.16	37.24
5350.0	0	2.78	50	3.76	0	75.12	37.21
5351.0	1	2.78	91	2.58	0	75.09	37.20
5352.0	0	2.81	100	2.29	0	75.06	37.20
5354.0	0	2.82	62	5.36	0	75.02	37.20
5355.0	4	2.80	60	6.25	.90	74.96	37.17
5356.0	0	2.83	71	5.26	0	74.91	37.16
5357.0	0	2.81	53	5.71	.28	74.85	37.14
5358.0	0	2.80	100	2.61	0	74.80	37.12
5359.0	0	2.80	100	3.38	0	74.77	37.12
5360.0	3	2.82	100	3.49	0	74.73	37.12
5361.0	4	2.85	100	3.31	0	74.70	37.12
5362.0	1	2.85	100	4.27	0	74.66	37.12
5363.0	0	2.80	99	4.46	0	74.61	37.11
5364.0	0	2.80	87	5.41	0	74.57	37.11
5365.0	0	2.83	85	5.15	0	74.51	37.11
5366.0	0	2.83	93	4.80	0	74.46	37.10
5367.0	0	2.81	64	6.24	0	74.42	37.10
5368.0	0	2.81	53	6.81	.67	74.35	37.07
5369.0	1	2.82	54	6.49	1.05	74.29	37.04
5370.0	5	2.81	81	4.39	0	74.23	37.02
5371.0	4	2.80	100	3.64	0	74.19	37.02
5372.0	1	2.77	61	5.67	0	74.15	37.01
5373.0	0	2.77	58	5.45	0	74.09	36.98
5374.0	0	2.77	67	4.70	0	74.04	36.96
5375.0	0	2.77	95	3.61	0	73.99	36.95
5376.0	10	2.74	100	2.60	0	73.96	36.95
5377.0	14	2.75	100	2.91	0	73.93	36.95
5378.0	10	2.79	66	6.40	0	73.90	36.95
5379.0	1	2.79	42	9.70	0	73.83	36.92

DEPTH FT	VCL PU	ROMA G/C3	SW PU	POR PU	SPI PU	CUMU POR/ FT	LATIVE HC/ FT
5380.0	0	2.79	43	8.75	0	73.73	36.86
5381.0	0	2.78	47	7.82	0	73.65	36.82
5382.0	0	2.74	44	8.62	0	73.57	36.77
5383.0	6	2.78	59	6.46	0	73.49	36.73
5384.0	6	2.78	54	7.29	.01	73.43	36.71
5385.0	0	2.74	42	10.07	1.81	73.35	36.68
5386.0	0	2.78	48	8.53	0	73.26	36.63
5387.0	2	2.77	50	8.05	0	73.18	36.59
5388.0	1	2.78	61	6.91	0	73.11	36.56
5389.0	5	2.77	61	6.58	0	73.05	36.53
5390.0	8	2.78	96	4.87	0	72.99	36.52
5391.0	2	2.77	62	6.94	0	72.94	36.52
5392.0	0	2.81	57	7.28	0	72.87	36.49
5393.0	0	2.78	56	7.38	0	72.80	36.46
5394.0	0	2.78	57	7.46	0	72.73	36.43
5395.0	1	2.79	53	7.91	0	72.65	36.39
5396.0	3	2.82	64	6.21	0	72.58	36.36
5397.0	2	2.79	53	7.61	0	72.51	36.34
5398.0	0	2.78	50	8.29	0	72.43	36.30
5399.0	0	2.80	50	7.99	.02	72.35	36.26
5400.0	0	2.79	42	9.40	2.42	72.27	36.22
5401.0	1	2.78	58	7.09	0	72.18	36.17
5402.0	2	2.80	64	6.75	0	72.12	36.14
5403.0	7	2.80	70	5.94	0	72.05	36.12
5404.0	5	2.83	99	4.56	0	71.99	36.11
5405.0	8	2.83	100	3.86	0	71.95	36.11
5406.0	6	2.81	64	6.18	.60	71.91	36.11
5407.0	3	2.80	80	5.08	0	71.85	36.09
5408.0	3	2.79	73	5.45	0	71.80	36.08
5409.0	6	2.80	90	4.39	0	71.75	36.07
5410.0	6	2.83	100	2.91	0	71.71	36.06
5411.0	5	2.82	87	3.94	0	71.68	36.06
5412.0	7	2.81	100	2.31	0	71.64	36.06
5413.0	10	2.78	99	3.08	.18	71.62	36.06
5414.0	3	2.77	51	5.27	0	71.58	36.04
5416.0	1	2.79	100	3.72	0	71.53	36.03
5417.0	3	2.79	72	4.62	0	71.49	36.03
5418.0	2	2.79	93	3.94	0	71.45	36.02
5419.0	6	2.79	100	2.98	0	71.41	36.02
5420.0	2	2.79	100	2.36	0	71.38	36.02
5421.0	8	2.79	100	2.38	0	71.36	36.02
5422.0	11	2.74	100	3.48	0	71.33	36.02
5423.0	7	2.78	100	4.82	0	71.29	36.02
5424.0	2	2.79	56	8.92	1.78	71.22	36.01
5425.0	3	2.80	58	5.72	.47	71.13	35.96
5428.0	7	2.76	100	2.01	0	71.07	35.95

DEPTH FT	VCL PU	ROMA G/C3	SW PU	POR PU	SPI PU	CUMU LATIVE POR/ FT	HC/ FT
5429.0	7	2.76	100	3.68	0	71.04	35.95
5430.0	11	2.78	100	3.09	0	71.00	35.95
5434.0	23	2.71	100	3.68	0	70.92	35.95
5435.0	21	2.72	100	6.15	0	70.87	35.95
5436.0	19	2.73	96	7.99	0	70.81	35.95
5437.0	19	2.70	98	8.04	0	70.73	35.95
5438.0	18	2.72	92	8.82	0	70.65	35.95
5439.0	9	2.72	63	11.67	0	70.56	35.94
5440.0	3	2.72	60	12.31	0	70.45	35.90
5441.0	1	2.72	54	13.50	0	70.33	35.85
5442.0	1	2.74	55	13.31	0	70.19	35.79
5443.0	3	2.74	58	12.91	0	70.06	35.73
5444.0	7	2.73	65	12.02	0	69.93	35.68
5445.0	7	2.74	65	11.89	0	69.82	35.65
5446.0	1	2.71	51	14.64	0	69.69	35.60
5447.0	2	2.75	61	12.27	0	69.55	35.53
5448.0	1	2.73	53	13.60	0	69.43	35.48
5449.0	0	2.73	53	13.41	0	69.29	35.42
5450.0	0	2.73	54	13.05	0	69.16	35.36
5451.0	0	2.70	48	14.23	0	69.03	35.29
5452.0	1	2.71	56	12.51	0	68.89	35.22
5453.0	4	2.72	64	11.16	0	68.77	35.18
5454.0	9	2.70	78	9.91	0	68.67	35.14
5455.0	13	2.73	92	9.25	0	68.58	35.13
5456.0	7	2.74	63	12.43	0	68.48	35.12
5457.0	3	2.74	63	12.30	0	68.36	35.08
5458.0	1	2.72	62	12.33	0	68.24	35.03
5459.0	3	2.72	69	11.37	0	68.12	34.99
5460.0	7	2.76	77	10.78	0	68.00	34.95
5461.0	2	2.73	61	12.71	0	67.89	34.92
5462.0	0	2.72	59	12.23	0	67.76	34.87
5463.0	0	2.70	58	11.92	0	67.64	34.82
5464.0	1	2.71	63	11.46	0	67.53	34.77
5465.0	4	2.72	76	10.73	0	67.41	34.73
5466.0	2	2.74	61	12.72	0	67.31	34.71
5467.0	0	2.74	54	13.53	0	67.17	34.65
5468.0	0	2.74	57	13.05	0	67.04	34.59
5469.0	0	2.73	61	12.07	0	66.91	34.53
5470.0	0	2.71	55	13.24	0	66.79	34.49
5471.0	0	2.71	61	12.46	0	66.66	34.43
5472.0	0	2.71	62	12.36	0	66.53	34.38
5473.0	2	2.73	61	12.40	0	66.41	34.33
5474.0	6	2.77	78	10.01	0	66.29	34.29
5475.0	3	2.73	62	11.69	0	66.19	34.27
5476.0	2	2.71	60	12.19	0	66.07	34.22
5477.0	10	2.72	97	8.92	0	65.96	34.18
5478.0	7	2.73	80	10.99	0	65.87	34.18

DEPTH FT	VCL PU	ROMA G/C3	SW PU	POR PU	SPI PU	CUMU LATIVE POR/ FT	HC/ FT
5479.0	1	2.74	63	12.87	0	65.75	34.15
5480.0	4	2.75	78	10.33	0	65.63	34.11
5481.0	6	2.75	82	9.87	0	65.53	34.10
5482.0	2	2.75	72	10.30	0	65.43	34.07
5483.0	1	2.75	68	11.05	0	65.32	34.04
5484.0	0	2.73	68	11.13	0	65.21	34.00
5485.0	1	2.75	72	10.48	0	65.10	33.97
5486.0	1	2.74	61	11.89	0	64.99	33.93
5487.0	2	2.71	61	11.88	0	64.87	33.88
5488.0	12	2.74	100	7.35	0	64.76	33.85
5489.0	12	2.75	100	7.35	0	64.69	33.85
5490.0	2	2.74	67	10.46	0	64.61	33.84
5491.0	3	2.75	79	9.39	0	64.51	33.80
5492.0	4	2.73	72	10.19	0	64.41	33.78
5493.0	8	2.75	96	8.20	0	64.31	33.76
5494.0	6	2.74	95	7.41	0	64.23	33.75
5495.0	7	2.76	98	7.74	0	64.15	33.75
5496.0	6	2.75	80	8.95	0	64.07	33.74
5497.0	8	2.74	92	7.57	0	63.98	33.72
5498.0	8	2.75	100	7.05	0	63.91	33.72
5499.0	3	2.73	67	10.69	0	63.83	33.71
5500.0	2	2.76	70	10.49	0	63.72	33.67
5501.0	3	2.75	68	10.35	0	63.61	33.64
5502.0	8	2.77	90	8.15	0	63.51	33.61
5503.0	9	2.74	87	7.57	0	63.44	33.60
5504.0	11	2.75	100	5.67	0	63.37	33.60
5505.0	7	2.77	76	8.37	0	63.31	33.60
5506.0	0	2.75	63	13.40	0	63.21	33.57
5507.0	2	2.76	57	16.31	0	63.07	33.51
5508.0	2	2.77	60	12.21	0	62.92	33.45
5509.0	2	2.77	58	11.72	0	62.80	33.40
5510.0	12	2.78	99	7.07	0	62.69	33.36
5511.0	15	2.79	99	5.81	0	62.62	33.35
5512.0	11	2.76	97	5.85	0	62.56	33.35
5513.0	8	2.78	96	5.25	0	62.50	33.35
5514.0	3	2.77	62	6.97	0	62.44	33.33
5515.0	9	2.76	99	4.59	0	62.38	33.31
5517.0	9	2.77	99	3.90	0	62.32	33.31
5518.0	1	2.76	55	6.07	0	62.28	33.31
5519.0	4	2.74	53	5.90	0	62.22	33.28
5520.0	11	2.78	100	2.59	0	62.17	33.27
5521.0	7	2.75	100	3.33	0	62.15	33.27
5522.0	8	2.68	100	3.14	1.46	62.13	33.27
5523.0	12	2.64	36	13.24	5.00	62.09	33.27
5524.0	28	2.89	43	13.98	0	61.93	33.16
5525.0	38	2.89	68	6.73	.43	61.81	33.10
5526.0	12	2.78	100	3.40	0	61.75	33.08

DEPTH FT	VCL PU	ROMA G/C3	SW PU	POR PU	SPI PU	CUMU LATIVE POR/ FT	HC/ FT
5527.0	1	2.78	59	6.40	.33	61.71	33.07
5528.0	1	2.78	65	6.55	0	61.64	33.04
5529.0	4	2.79	100	3.85	0	61.58	33.03
5530.0	3	2.79	75	5.80	0	61.55	33.03
5531.0	0	2.77	59	8.11	0	61.48	33.01
5532.0	0	2.77	67	8.50	0	61.40	32.98
5533.0	0	2.77	74	8.23	0	61.32	32.96
5534.0	0	2.76	85	8.72	0	61.24	32.94
5535.0	3	2.75	69	11.06	0	61.15	32.93
5536.0	8	2.78	94	9.04	0	61.04	32.90
5537.0	4	2.76	95	8.10	0	60.95	32.89
5538.0	2	2.77	88	8.41	0	60.87	32.89
5539.0	1	2.77	78	9.03	0	60.78	32.87
5540.0	0	2.78	76	9.70	0	60.69	32.85
5541.0	0	2.77	68	12.25	0	60.59	32.82
5542.0	0	2.74	72	11.45	0	60.46	32.78
5543.0	2	2.77	85	11.49	0	60.35	32.76
5544.0	10	2.77	100	9.55	0	60.24	32.74
5545.0	9	2.79	100	8.14	0	60.15	32.74
5546.0	2	2.76	75	11.32	0	60.06	32.73
5547.0	5	2.77	95	9.38	0	59.94	32.70
5548.0	3	2.75	84	9.31	0	59.86	32.70
5549.0	0	2.70	59	14.01	.37	59.75	32.68
5550.0	1	2.74	71	11.76	0	59.62	32.62
5551.0	4	2.77	74	11.53	0	59.50	32.59
5552.0	3	2.76	77	11.62	0	59.38	32.56
5553.0	3	2.75	74	10.46	0	59.27	32.54
5554.0	3	2.76	88	8.75	0	59.17	32.52
5555.0	2	2.77	72	9.85	0	59.08	32.50
5556.0	1	2.77	77	10.18	0	58.99	32.48
5557.0	1	2.79	89	10.22	0	58.89	32.46
5558.0	3	2.77	87	11.19	0	58.78	32.45
5559.0	7	2.76	100	9.41	0	58.67	32.44
5560.0	3	2.76	82	9.04	0	58.59	32.44
5561.0	0	2.76	64	10.23	0	58.49	32.41
5562.0	0	2.74	62	12.86	0	58.38	32.37
5563.0	9	2.73	83	11.52	0	58.25	32.32
5564.0	21	2.72	100	6.77	.32	58.15	32.31
5565.0	10	2.77	95	8.19	0	58.08	32.31
5566.0	1	2.78	59	12.55	1.04	57.99	32.30
5567.0	3	2.79	64	12.75	1.00	57.86	32.24
5568.0	7	2.78	100	7.23	0	57.75	32.21
5569.0	8	2.77	94	7.11	0	57.67	32.21
5570.0	14	2.80	100	5.31	0	57.61	32.21
5571.0	13	2.77	100	4.71	0	57.56	32.21
5572.0	5	2.76	87	6.79	0	57.50	32.21
5573.0	3	2.76	100	5.71	0	57.43	32.19
5574.0	2	2.76	86	6.31	0	57.37	32.18

DEPTH FT	VCL PU	ROMA G/C3	SW PU	POR PU	SPI PU	CUMU POR/ FT	LATIVE HC/ FT
5575.0	1	2.78	63	8.09	0	57.29	32.16
5576.0	4	2.78	98	5.69	0	57.21	32.13
5577.0	4	2.79	87	5.85	0	57.16	32.13
5578.0	1	2.79	58	8.08	0	57.09	32.11
5579.0	1	2.77	60	7.86	0	57.01	32.08
5580.0	6	2.77	75	6.22	0	56.93	32.05
5581.0	9	2.80	61	8.17	0	56.87	32.03
5582.0	4	2.78	54	9.59	0	56.78	32.00
5583.0	1	2.78	58	9.35	.50	56.70	31.96
5584.0	1	2.78	66	8.19	.03	56.61	31.93
5585.0	2	2.81	66	7.58	0	56.53	31.90
5586.0	1	2.81	62	8.47	0	56.45	31.88
5587.0	3	2.79	59	8.64	.62	56.36	31.84
5588.0	8	2.84	86	6.47	.26	56.29	31.81
5589.0	8	2.81	71	7.59	.59	56.21	31.80
5590.0	8	2.83	100	5.49	0	56.15	31.79
5591.0	10	2.84	75	8.57	.78	56.08	31.78
5592.0	5	2.83	79	7.79	0	55.99	31.75
5593.0	1	2.80	54	11.93	2.73	55.91	31.73
5594.0	0	2.80	53	13.95	3.57	55.78	31.67
5595.0	0	2.83	55	12.75	1.66	55.64	31.61
5596.0	2	2.79	55	12.40	0	55.51	31.55
5597.0	7	2.80	80	8.02	0	55.39	31.50
5598.0	6	2.77	80	6.07	0	55.32	31.48
5599.0	6	2.79	77	5.12	0	55.26	31.46
5600.0	4	2.79	71	7.29	0	55.20	31.45
5601.0	7	2.80	100	6.10	0	55.13	31.43
5602.0	9	2.79	100	5.54	0	55.07	31.43
5603.0	2	2.78	87	6.90	0	55.02	31.43
5604.0	0	2.78	67	8.77	0	54.94	31.42
5605.0	1	2.79	62	8.84	0	54.85	31.38
5606.0	3	2.79	91	5.06	0	54.77	31.35
5607.0	2	2.78	54	5.14	0	54.72	31.34
5608.0	1	2.75	62	3.67	0	54.67	31.32
5609.0	0	2.75	44	4.22	0	54.63	31.30
5610.0	0	2.76	44	4.30	0	54.59	31.28
5611.0	1	2.76	49	3.15	0	54.55	31.26
5612.0	0	2.74	27	4.29	0	54.51	31.24
5613.0	0	2.73	40	2.55	0	54.47	31.20
5614.0	0	2.72	38	2.30	0	54.45	31.19
5615.0	0	2.72	28	2.91	0	54.42	31.17
5620.0	0	2.71	31	2.48	0	54.34	31.13
5621.0	0	2.70	26	3.16	0	54.31	31.11
5622.0	1	2.73	34	2.45	0	54.28	31.09
5624.0	0	2.70	44	2.30	0	54.24	31.07
5625.0	0	2.72	36	2.71	0	54.21	31.05

DEPTH FT	VCL PU	ROMA G/C3	SW PU	POR PU	SPI PU	CUMU LATIVE POR/ FT HC/ FT
5626.0	1	2.71	46	2.38	0	54.18 31.03
5628.0	3	2.76	40	2.46	0	54.14 31.02
5629.0	0	2.72	26	3.92	0	54.11 31.00
5630.0	0	2.71	27	3.64	0	54.08 30.97
5631.0	0	2.71	27	3.30	0	54.04 30.94
5632.0	0	2.72	35	2.39	0	54.01 30.92
5633.0	0	2.74	54	2.05	0	53.99 30.91
5634.0	1	2.73	45	2.59	0	53.96 30.89
5637.0	0	2.77	41	5.58	0	53.89 30.86
5638.0	0	2.76	48	5.33	0	53.83 30.83
5639.0	1	2.76	57	3.68	0	53.79 30.81
5640.0	0	2.72	27	4.62	0	53.75 30.79
5641.0	0	2.75	19	4.67	0	53.70 30.76
5642.0	0	2.75	25	3.78	0	53.66 30.72
5643.0	1	2.75	28	3.16	0	53.62 30.69
5646.0	0	2.69	17	2.93	0	53.56 30.65
5651.0	0	2.70	22	2.66	0	53.48 30.60
5652.0	0	2.69	18	2.77	0	53.45 30.58
5655.0	0	2.69	15	2.73	0	53.39 30.53
5656.0	0	2.70	12	3.24	0	53.36 30.51
5657.0	0	2.71	15	2.56	0	53.33 30.48
5658.0	0	2.71	16	2.52	0	53.31 30.47
5659.0	0	2.70	20	2.17	0	53.29 30.45
5663.0	2	2.74	21	2.24	0	53.23 30.41
5664.0	0	2.73	16	2.75	0	53.20 30.39
5665.0	0	2.72	13	3.10	0	53.17 30.37
5666.0	0	2.70	14	2.55	0	53.14 30.34
5672.0	1	2.72	15	2.26	0	53.07 30.29
5675.0	1	2.72	14	2.70	0	53.02 30.26
5676.0	2	2.73	16	2.39	0	53.00 30.23
5680.0	0	2.71	11	2.44	0	52.93 30.18
5681.0	0	2.68	8	3.89	0	52.91 30.16
5682.0	0	2.70	9	2.99	0	52.87 30.12
5683.0	0	2.72	11	2.30	0	52.84 30.10
5684.0	0	2.70	9	3.17	0	52.82 30.08
5685.0	0	2.72	11	2.41	0	52.79 30.06
5686.0	0	2.75	9	3.53	0	52.77 30.03
5687.0	0	2.72	8	4.32	0	52.73 30.00
5688.0	0	2.71	9	3.16	0	52.69 29.96

DEPTH FT	VCL PU	ROMA G/C3	SW PU	POR PU	SPI PU	POR/ FT	CUMU LATIVE HC/ FT
5689.0	0	2.71	10	2.36	0	52.66	29.93
5690.0	0	2.70	7	3.89	0	52.63	29.90
5691.0	0	2.73	9	2.63	0	52.59	29.87
5692.0	0	2.72	9	2.64	0	52.56	29.85
5693.0	0	2.71	9	2.87	0	52.53	29.82
5694.0	0	2.70	8	3.29	0	52.50	29.79
5697.0	0	2.70	9	2.47	0	52.45	29.75
5698.0	0	2.69	9	2.90	0	52.43	29.73
5699.0	0	2.72	12	2.10	0	52.40	29.70
5701.0	1	2.73	15	2.06	0	52.37	29.68
5702.0	0	2.71	12	2.61	0	52.35	29.66
5703.0	0	2.73	13	2.02	0	52.33	29.64
5704.0	0	2.70	9	3.53	0	52.30	29.62
5705.0	0	2.71	11	2.85	0	52.27	29.59
5706.0	0	2.72	11	2.66	0	52.24	29.56
5707.0	0	2.72	10	3.31	0	52.21	29.54
5708.0	0	2.72	9	3.59	0	52.18	29.51
5709.0	0	2.72	9	3.43	0	52.15	29.48
5710.0	0	2.70	8	4.47	0	52.11	29.45
5711.0	1	2.72	8	3.63	0	52.07	29.41
5712.0	1	2.72	11	2.98	0	52.04	29.38
5713.0	0	2.71	11	3.64	0	52.01	29.35
5714.0	0	2.75	11	4.36	0	51.97	29.32
5715.0	0	2.74	12	4.03	0	51.92	29.28
5716.0	1	2.76	14	3.39	0	51.88	29.24
5717.0	0	2.74	9	4.40	0	51.84	29.21
5718.0	1	2.74	10	3.23	0	51.80	29.17
5719.0	1	2.74	10	3.33	0	51.77	29.14
5720.0	1	2.72	8	4.66	0	51.73	29.11
5725.0	2	2.73	9	3.20	0	51.63	29.02
5726.0	1	2.73	11	2.57	0	51.60	28.99
5727.0	0	2.70	8	4.61	0	51.57	28.96
5728.0	3	2.72	11	2.55	0	51.52	28.92
5729.0	4	2.73	14	2.05	0	51.50	28.90
5730.0	0	2.71	11	3.33	0	51.48	28.88
5731.0	0	2.74	10	3.56	0	51.44	28.85
5732.0	0	2.73	9	4.10	0	51.41	28.82
5733.0	0	2.73	11	3.92	0	51.37	28.78
5734.0	0	2.73	11	4.01	0	51.33	28.75
5735.0	0	2.73	11	4.06	0	51.29	28.71
5736.0	0	2.74	11	3.36	0	51.25	28.68
5737.0	3	2.72	13	2.34	0	51.22	28.65
5743.0	1	2.71	11	2.62	0	51.11	28.55

DEPTH FT	VCL PU	ROMA G/C3	SW PU	POR PU	SRI PU	CUMU POR/ FT	LATIVE HC/ FT
5745.0	2	2.71	12	2.54	0	51.06	28.52
5746.0	4	2.73	13	2.28	0	51.03	28.49
5748.0	3	2.72	17	2.12	0	51.00	28.47
5749.0	0	2.74	12	3.32	0	50.98	28.45
5750.0	0	2.74	12	3.33	0	50.95	28.42
5751.0	0	2.73	12	3.04	0	50.91	28.39
5752.0	0	2.73	11	2.94	0	50.88	28.36
5753.0	0	2.70	9	3.62	0	50.85	28.34
5754.0	0	2.68	8	4.06	0	50.82	28.30
5755.0	0	2.69	9	3.65	0	50.78	28.27
5756.0	0	2.72	9	3.38	0	50.75	28.24
5757.0	0	2.72	8	3.75	0	50.71	28.21
5758.0	0	2.70	10	4.26	0	50.68	28.18
5759.0	4	2.72	13	3.08	0	50.64	28.14
5761.0	13	2.74	16	2.13	0	50.59	28.10
5762.0	6	2.74	10	4.86	0	50.57	28.08
5763.0	0	2.75	9	6.55	0	50.51	28.03
5764.0	0	2.74	9	6.70	0	50.45	27.97
5765.0	2	2.75	11	5.51	0	50.38	27.92
5766.0	6	2.76	13	4.40	0	50.33	27.87
5768.0	12	2.74	27	2.06	0	50.27	27.82
5772.0	12	2.76	34	2.30	0	50.21	27.78
5774.0	14	2.76	33	2.37	0	50.17	27.76
5776.0	11	2.76	41	2.26	0	50.13	27.73
5777.0	13	2.75	30	3.02	0	50.10	27.72
5778.0	17	2.75	34	2.33	0	50.07	27.70
5781.0	11	2.76	19	4.60	0	50.03	27.67
5782.0	6	2.77	17	5.46	0	49.98	27.63
5783.0	13	2.77	29	3.34	0	49.92	27.58
5784.0	19	2.79	47	2.17	0	49.89	27.56
5785.0	20	2.80	48	2.71	0	49.87	27.55
5786.0	22	2.78	58	2.19	0	49.84	27.53
5787.0	25	2.79	61	2.08	0	49.81	27.52
5795.0	25	2.75	71	2.27	0	49.74	27.51
5799.0	22	2.72	100	3.76	0	49.68	27.50
5800.0	7	2.76	31	13.55	1.90	49.61	27.47
5801.0	22	2.80	41	10.62	0	49.46	27.36
5802.0	34	2.78	100	3.81	0	49.38	27.32
5803.0	34	2.74	35	12.19	0	49.32	27.30

DEPTH FT	VCL PU	ROMA GAC3	SW PU	POR PU	SPI PU	POR/ FT	CUMU LATIVE HC/ FT
5804.0	19	2.64	43	8.31	0	49.20	27.23
5806.0	18	2.75	63	2.43	.21	49.14	27.20
5807.0	13	2.76	50	3.69	0	49.11	27.19
5808.0	10	2.75	71	2.04	0	49.08	27.17
5809.0	6	2.74	40	3.02	0	49.06	27.16
5810.0	4	2.78	48	3.96	0	49.03	27.15
5811.0	0	2.76	46	4.99	0	48.98	27.12
5812.0	3	2.78	56	3.96	0	48.94	27.10
5816.0	14	2.82	100	2.14	0	48.84	27.09
5817.0	11	2.77	100	2.60	0	48.81	27.09
5818.0	14	2.73	100	2.08	0	48.79	27.09
5819.0	8	2.71	50	7.49	0	48.76	27.09
5820.0	5	2.72	39	10.11	0	48.67	27.04
5821.0	9	2.70	99	4.62	0	48.59	26.99
5822.0	11	2.72	62	5.81	0	48.55	26.99
5823.0	6	2.72	47	8.06	0	48.47	26.95
5826.0	10	2.70	100	3.73	0	48.38	26.93
5827.0	10	2.71	100	4.46	0	48.34	26.93
5828.0	15	2.71	100	3.28	0	48.29	26.93
5829.0	16	2.72	100	4.53	0	48.26	26.93
5830.0	11	2.70	100	8.04	0	48.20	26.93
5831.0	12	2.71	100	8.73	0	48.12	26.93
5832.0	5	2.69	91	10.74	0	48.03	26.93
5833.0	3	2.71	71	12.63	0	47.92	26.91
5834.0	2	2.72	58	14.59	0	47.79	26.87
5835.0	5	2.71	58	14.15	0	47.64	26.81
5836.0	21	2.72	100	8.77	0	47.52	26.77
5837.0	24	2.69	100	8.09	0	47.44	26.77
5838.0	21	2.70	100	7.73	0	47.36	26.77
5839.0	22	2.71	99	9.83	0	47.28	26.77
5840.0	16	2.72	84	11.72	0	47.18	26.76
5841.0	13	2.70	80	12.10	0	47.06	26.74
5842.0	14	2.71	75	12.71	0	46.93	26.71
5843.0	21	2.71	98	10.45	0	46.81	26.68
5844.0	18	2.70	98	10.51	0	46.71	26.68
5845.0	15	2.71	84	11.96	0	46.60	26.67
5846.0	11	2.72	77	12.48	0	46.48	26.65
5847.0	2	2.75	50	17.61	0	46.34	26.61
5848.0	1	2.76	49	18.00	0	46.16	26.52
5849.0	3	2.71	61	15.00	0	45.99	26.44
5850.0	6	2.71	100	12.69	0	45.85	26.38
5851.0	14	2.71	100	11.24	0	45.73	26.38
5852.0	20	2.71	100	9.98	0	45.62	26.38
7797.0	2	2.71	7	7.08	0	45.53	26.35

DEPTH FT	VCL PU	ROMA G/C3	SW PU	POR PU	SPI PU	POR/ FT	CUMU LATIVE HC/ FT
7798.0	8	2.75	6	8.65	0	45.46	26.28
7799.0	11	2.73	7	5.36	0	45.38	26.21
7800.0	3	2.71	9	3.77	0	45.33	26.17
7801.0	0	2.71	9	4.47	0	45.29	26.13
7802.0	0	2.71	9	4.73	0	45.25	26.09
7803.0	0	2.72	11	3.99	0	45.21	26.05
7804.0	0	2.71	7	5.91	0	45.16	26.01
7805.0	0	2.70	7	7.12	0	45.10	25.95
7806.0	0	2.69	7	7.36	0	45.03	25.89
7807.0	0	2.70	7	7.75	0	44.95	25.82
7808.0	1	2.72	8	5.77	0	44.88	25.75
7809.0	4	2.74	11	4.37	0	44.83	25.70
7810.0	4	2.73	9	7.47	0	44.77	25.65
7811.0	15	2.74	9	7.69	0	44.69	25.58
7812.0	23	2.75	8	6.44	0	44.62	25.51
7813.0	18	2.73	7	5.10	0	44.55	25.45
7814.0	1	2.69	11	3.64	0	44.51	25.41
7815.0	0	2.68	12	3.04	0	44.48	25.38
7816.0	0	2.72	15	2.42	0	44.45	25.36
7819.0	0	2.69	16	2.46	0	44.40	25.32
7824.0	1	2.70	20	2.94	0	44.32	25.27
7825.0	6	2.73	24	2.69	0	44.29	25.24
7826.0	8	2.76	22	2.49	0	44.26	25.22
7827.0	3	2.70	8	6.54	1.69	44.23	25.19
7828.0	0	2.67	8	6.39	4.47	44.16	25.12
7829.0	0	2.66	10	5.16	3.61	44.12	25.09
7830.0	0	2.70	10	5.46	1.69	44.09	25.07
7831.0	0	2.72	12	3.55	0	44.04	25.03
7832.0	0	2.70	11	3.95	0	44.00	24.99
7833.0	0	2.69	15	2.33	0	43.96	24.95
7836.0	0	2.70	18	2.18	0	43.91	24.91
7837.0	0	2.71	12	2.65	0	43.88	24.89
7838.0	0	2.69	10	3.11	0	43.85	24.86
7839.0	0	2.70	14	2.47	0	43.82	24.83
7840.0	0	2.69	12	3.02	0	43.80	24.81
7841.0	0	2.69	14	2.54	0	43.77	24.78
7842.0	0	2.71	13	2.34	0	43.74	24.76
7843.0	1	2.73	10	2.72	0	43.72	24.74
7844.0	0	2.69	9	3.25	0	43.69	24.71
7845.0	0	2.69	10	2.71	0	43.66	24.68
7847.0	0	2.68	10	3.07	0	43.62	24.65
7848.0	0	2.70	13	2.21	0	43.59	24.62
7853.0	0	2.71	13	2.13	0	43.52	24.57

DEPTH FT	VCL PU	ROMA G/C3	SW PU	POR PU	SPI PU	CUMU LATIVE POR/ FT	HC/ FT
7854.0	0	2.70	12	2.35	0	43.49	24.55
7855.0	0	2.69	12	2.43	0	43.47	24.53
7856.0	0	2.69	11	2.90	0	43.44	24.51
7857.0	0	2.71	14	2.28	0	43.42	24.49
7858.0	0	2.69	9	4.64	0	43.40	24.47
7859.0	0	2.68	9	4.70	0	43.35	24.43
7860.0	0	2.67	8	4.64	0	43.31	24.39
7861.0	0	2.70	9	3.91	0	43.27	24.35
7862.0	0	2.73	8	4.33	0	43.23	24.32
7863.0	0	2.72	7	4.94	0	43.19	24.28
7864.0	0	2.72	9	4.15	0	43.14	24.24
7865.0	0	2.70	10	4.05	0	43.10	24.20
7866.0	0	2.69	9	5.02	0	43.06	24.16
7867.0	0	2.71	9	4.84	0	43.01	24.11
7868.0	0	2.69	9	5.65	0	42.96	24.06
7869.0	0	2.70	10	5.19	0	42.90	24.01
7870.0	0	2.72	13	4.67	0	42.85	23.97
7871.0	0	2.69	11	5.69	0	42.80	23.93
7872.0	0	2.70	9	6.89	0	42.73	23.87
7873.0	0	2.72	12	5.07	0	42.67	23.81
7874.0	0	2.71	11	6.39	0	42.62	23.76
7875.0	0	2.72	9	7.57	0	42.55	23.70
7876.0	2	2.72	8	8.44	0	42.47	23.63
7877.0	6	2.73	9	6.50	0	42.39	23.56
7878.0	4	2.73	10	5.31	0	42.33	23.50
7879.0	1	2.70	9	6.63	0	42.28	23.45
7880.0	0	2.71	10	7.27	0	42.21	23.39
7881.0	5	2.72	11	6.31	0	42.14	23.33
7882.0	4	2.75	11	4.98	0	42.08	23.27
7883.0	3	2.72	8	6.91	0	42.02	23.23
7884.0	0	2.70	8	7.36	0	41.95	23.16
7885.0	0	2.68	10	6.99	0	41.88	23.10
7886.0	0	2.70	11	6.53	0	41.81	23.03
7887.0	0	2.71	11	7.50	0	41.75	22.97
7888.0	0	2.72	12	7.52	0	41.67	22.91
7889.0	0	2.72	9	10.16	0	41.59	22.83
7890.0	0	2.71	8	10.64	0	41.48	22.73
7891.0	0	2.72	9	8.52	0	41.37	22.64
7892.0	0	2.72	8	8.97	0	41.29	22.56
7893.0	1	2.71	9	7.72	0	41.20	22.48
7894.0	2	2.73	10	6.28	0	41.13	22.41
7895.0	0	2.71	10	7.36	0	41.06	22.36
7896.0	0	2.70	9	9.04	0	40.99	22.29
7897.0	0	2.70	9	10.32	0	40.90	22.20
7898.0	0	2.73	9	11.05	0	40.79	22.11
7899.0	0	2.74	8	12.25	0	40.68	22.00
7900.0	2	2.73	9	10.51	0	40.56	21.89
7901.0	13	2.74	11	6.69	0	40.46	21.81

DEPTH FT	VCL PU	ROMA G/C3	SW PU	POR PU	SPI PU	CUMU LATIVE POR/ FT HC/ FT
7902.0	17	2.77	11	4.84	0	40.40 21.75
7903.0	8	2.74	11	5.25	0	40.35 21.71
7904.0	2	2.71	10	5.66	0	40.30 21.66
7905.0	0	2.70	11	4.73	0	40.24 21.61
7906.0	0	2.70	9	5.24	0	40.20 21.57
7907.0	0	2.70	9	5.17	0	40.14 21.52
7908.0	0	2.71	10	3.66	0	40.10 21.48
7909.0	0	2.72	15	2.28	0	40.06 21.45
7910.0	0	2.70	18	2.87	0	40.04 21.43
7911.0	0	2.68	14	6.07	.20	40.00 21.40
7912.0	0	2.69	12	8.12	0	39.93 21.34
7913.0	0	2.73	9	10.88	0	39.84 21.26
7914.0	1	2.74	9	9.11	0	39.74 21.16
7915.0	0	2.71	9	7.85	0	39.65 21.08
7916.0	0	2.70	8	8.70	0	39.57 21.00
7917.0	0	2.70	7	7.13	0	39.48 20.93
7918.0	0	2.71	8	4.84	0	39.42 20.87
7919.0	0	2.67	9	5.27	0	39.37 20.82
7920.0	0	2.68	10	5.38	0	39.32 20.78
7921.0	0	2.68	12	6.04	0	39.27 20.73
7922.0	1	2.70	12	6.60	0	39.21 20.68
7923.0	3	2.74	10	7.17	0	39.14 20.61
7924.0	1	2.73	9	8.00	0	39.06 20.54
7925.0	0	2.71	8	8.19	0	38.98 20.47
7926.0	0	2.71	9	7.16	0	38.90 20.40
7927.0	0	2.71	9	6.77	0	38.83 20.33
7928.0	0	2.72	9	6.70	0	38.76 20.27
7929.0	2	2.71	9	5.72	0	38.70 20.21
7930.0	3	2.73	10	5.43	0	38.64 20.17
7931.0	1	2.71	8	7.63	0	38.59 20.11
7932.0	0	2.70	8	6.52	0	38.51 20.04
7933.0	0	2.72	13	4.15	0	38.45 19.99
7934.0	0	2.72	12	5.27	0	38.41 19.95
7935.0	0	2.71	8	8.03	0	38.35 19.90
7936.0	0	2.72	9	7.42	0	38.27 19.83
7937.0	0	2.71	9	7.58	0	38.20 19.76
7938.0	0	2.71	9	8.53	0	38.12 19.69
7939.0	0	2.71	9	8.43	0	38.03 19.61
7940.0	2	2.72	11	7.02	0	37.95 19.53
7941.0	7	2.73	12	5.88	0	37.88 19.47
7942.0	3	2.72	9	7.35	0	37.82 19.42
7943.0	0	2.70	9	7.56	0	37.74 19.35
7944.0	0	2.70	11	5.48	0	37.68 19.29
7945.0	0	2.71	11	5.66	0	37.62 19.24
7946.0	2	2.70	15	4.38	0	37.57 19.19
7947.0	7	2.75	26	2.12	0	37.53 19.16
7948.0	4	2.71	13	4.16	0	37.50 19.14
7949.0	0	2.72	15	3.65	0	37.46 19.10

DEPTH FT	VCL PU	ROMA G/C3	SW PU	POR PU	SPI PU	CUMU LATIVE POR/ FT	HC/ FT
7950.0	0	2.70	11	4.51	0	37.42	19.07
7951.0	0	2.71	10	4.94	0	37.37	19.03
7952.0	0	2.70	13	3.97	0	37.32	18.98
7953.0	1	2.72	12	3.71	0	37.28	18.95
7954.0	2	2.71	11	4.17	0	37.24	18.91
7955.0	6	2.73	20	2.07	0	37.21	18.88
7956.0	6	2.71	17	2.70	0	37.19	18.87
7959.0	1	2.70	12	4.52	0	37.13	18.82
7960.0	0	2.72	13	4.18	0	37.08	18.78
7961.0	1	2.71	12	5.24	0	37.04	18.74
7962.0	5	2.72	16	4.46	0	36.99	18.70
7963.0	7	2.72	17	3.99	0	36.95	18.66
7964.0	6	2.73	17	3.91	0	36.91	18.63
7965.0	2	2.71	13	6.18	0	36.86	18.59
7966.0	1	2.71	9	10.06	0	36.79	18.52
7967.0	5	2.75	10	9.40	0	36.68	18.43
7968.0	10	2.73	18	5.07	0	36.60	18.36
7969.0	12	2.72	19	4.67	0	36.55	18.32
7970.0	11	2.73	14	5.69	0	36.51	18.28
7971.0	4	2.71	12	6.27	0	36.45	18.23
7972.0	0	2.70	9	6.69	0	36.39	18.18
7973.0	1	2.69	11	4.86	0	36.33	18.12
7976.0	8	2.72	13	4.28	0	36.25	18.06
7977.0	7	2.73	19	2.82	0	36.20	18.02
7978.0	2	2.71	28	2.49	0	36.18	18.00
7979.0	2	2.68	18	4.60	0	36.15	17.98
7980.0	7	2.74	22	3.52	0	36.10	17.94
7981.0	9	2.76	20	3.27	0	36.07	17.92
7982.0	8	2.71	16	3.76	0	36.04	17.89
7983.0	0	2.70	12	5.40	0	35.99	17.85
7984.0	0	2.71	15	4.30	0	35.94	17.81
7985.0	0	2.70	12	5.68	0	35.90	17.77
7986.0	0	2.69	14	6.10	0	35.84	17.72
7987.0	0	2.69	13	7.37	0	35.78	17.67
7988.0	0	2.72	11	8.09	0	35.70	17.60
7989.0	0	2.73	11	7.67	0	35.62	17.53
7990.0	1	2.73	12	6.73	0	35.55	17.46
7991.0	7	2.73	12	6.00	0	35.48	17.40
7992.0	13	2.74	14	3.34	0	35.42	17.35
7993.0	5	2.70	11	3.89	0	35.39	17.33
7994.0	0	2.68	10	3.83	0	35.36	17.29
7997.0	0	2.68	11	3.12	0	35.29	17.24
7998.0	0	2.69	16	2.71	0	35.26	17.22
7999.0	0	2.69	14	3.01	0	35.24	17.19
8000.0	0	2.69	12	3.21	0	35.20	17.16

DEPTH FT	VCL PU	ROMA G/C3	SW PU	POR PU	SPI PU	CUMU LATIVE POR/ FT	HC/ FT
8001.0	0	2.69	14	3.38	0	35.17	17.14
8002.0	0	2.68	14	3.80	0	35.14	17.11
8003.0	1	2.71	15	3.22	0	35.11	17.08
8004.0	0	2.70	16	3.60	0	35.08	17.06
8005.0	0	2.70	17	4.68	0	35.04	17.03
8006.0	0	2.70	13	7.22	0	34.99	16.98
8007.0	2	2.74	10	9.42	0	34.91	16.92
8008.0	11	2.75	11	6.88	0	34.82	16.83
8009.0	12	2.75	12	4.40	0	34.76	16.78
8010.0	11	2.73	15	3.56	0	34.72	16.74
8011.0	6	2.76	24	2.22	0	34.69	16.72
8012.0	7	2.73	12	3.75	0	34.67	16.70
8013.0	5	2.73	12	3.76	0	34.63	16.67
8014.0	1	2.71	9	5.47	0	34.59	16.63
8015.0	0	2.70	9	5.85	0	34.53	16.58
8016.0	0	2.72	9	5.45	0	34.47	16.53
8017.0	0	2.72	10	6.28	0	34.42	16.48
8018.0	0	2.71	10	8.16	0	34.35	16.42
8019.0	0	2.73	8	12.09	0	34.26	16.34
8020.0	0	2.73	8	12.91	0	34.13	16.22
8021.0	0	2.73	9	11.13	0	34.01	16.10
8022.0	2	2.75	9	12.62	0	33.89	15.99
8023.0	10	2.75	11	10.41	0	33.76	15.88
8024.0	13	2.75	13	8.78	0	33.66	15.79
8025.0	4	2.74	12	12.18	0	33.57	15.71
8026.0	4	2.75	9	13.10	0	33.44	15.60
8027.0	6	2.76	9	10.72	0	33.32	15.48
8028.0	1	2.72	14	10.32	0	33.21	15.38
8029.0	2	2.73	14	11.41	0	33.10	15.29
8030.0	16	2.77	11	9.96	0	32.98	15.19
8031.0	22	2.76	9	5.76	0	32.89	15.11
8032.0	5	2.69	12	4.33	0	32.84	15.06
8033.0	0	2.69	15	6.14	0	32.79	15.01
8034.0	0	2.71	14	7.62	0	32.72	14.96
8035.0	0	2.74	11	10.65	0	32.64	14.88
8036.0	1	2.74	9	11.42	0	32.53	14.79
8037.0	7	2.76	7	10.83	0	32.41	14.68
8038.0	3	2.72	8	6.76	0	32.32	14.59
8039.0	0	2.72	9	7.03	0	32.25	14.53
8040.0	0	2.69	10	8.41	0	32.18	14.47
8041.0	2	2.72	9	9.71	0	32.10	14.39
8042.0	4	2.77	7	12.72	0	31.99	14.29
8043.0	2	2.73	7	11.04	0	31.86	14.17
8044.0	3	2.74	8	8.59	0	31.76	14.08
8045.0	2	2.75	7	11.77	0	31.67	14.00
8046.0	0	2.75	6	12.70	0	31.55	13.89
8047.0	0	2.74	7	11.10	0	31.43	13.77
8048.0	0	2.72	7	10.41	0	31.33	13.67

DEPTH FT	VCL PU	ROMA G/C3	SW PU	POR PU	SPI PU	CUMU LATIVE POR/ FT HC/ FT
8049.0	2	2.75	7	12.16	0	31.22 13.57
8050.0	5	2.75	8	9.65	0	31.10 13.46
8051.0	10	2.74	11	7.16	0	31.01 13.38
8052.0	3	2.76	8	11.41	0	30.93 13.31
8053.0	1	2.76	8	13.62	0	30.81 13.20
8054.0	1	2.74	9	11.04	0	30.68 13.08
8055.0	1	2.74	8	12.41	0	30.57 12.98
8056.0	11	2.75	8	8.93	0	30.45 12.87
8057.0	9	2.75	14	4.17	0	30.38 12.81
8058.0	6	2.74	23	4.09	0	30.34 12.78
8059.0	4	2.72	12	9.18	0	30.29 12.73
8060.0	13	2.74	16	6.57	0	30.20 12.65
8061.0	16	2.75	21	5.43	0	30.14 12.60
8062.0	6	2.75	10	11.90	0	30.06 12.54
8063.0	5	2.75	13	9.26	0	29.95 12.43
8064.0	2	2.73	14	9.44	0	29.85 12.35
8065.0	7	2.73	19	6.98	0	29.76 12.27
8066.0	15	2.74	18	6.77	0	29.69 12.22
8067.0	19	2.78	16	7.75	0	29.62 12.16
8068.0	16	2.75	21	6.97	0	29.54 12.09
8069.0	8	2.78	12	11.19	0	29.46 12.02
8070.0	7	2.76	9	11.48	0	29.34 11.92
8071.0	5	2.75	12	8.68	0	29.23 11.82
8072.0	1	2.73	13	9.49	0	29.14 11.74
8073.0	1	2.74	10	11.78	0	29.04 11.66
8074.0	6	2.75	8	9.27	0	28.93 11.55
8075.0	5	2.73	8	5.59	0	28.84 11.47
8076.0	1	2.72	7	4.68	0	28.79 11.42
8077.0	0	2.71	6	6.35	0	28.74 11.38
8078.0	0	2.69	7	5.06	0	28.67 11.32
8081.0	1	2.72	14	3.50	0	28.60 11.26
8082.0	1	2.75	8	6.88	0	28.56 11.22
8083.0	2	2.75	7	7.71	0	28.49 11.15
8084.0	5	2.72	9	4.75	0	28.42 11.09
8085.0	5	2.71	15	2.99	0	28.38 11.06
8086.0	10	2.72	19	2.40	0	28.36 11.04
8087.0	8	2.71	18	3.21	0	28.34 11.02
8090.0	4	2.76	14	2.01	0	28.28 10.98
8091.0	0	2.75	14	2.06	0	28.27 10.97
8092.0	0	2.73	9	3.41	0	28.25 10.95
8093.0	0	2.69	7	4.66	0	28.21 10.91
8094.0	0	2.71	7	5.15	0	28.17 10.87
8095.0	0	2.73	7	5.08	0	28.12 10.83
8096.0	0	2.72	7	4.69	0	28.06 10.78
8097.0	0	2.71	8	4.54	0	28.02 10.73
8098.0	0	2.75	10	2.99	0	27.97 10.69

DEPTH FT	VCL PU	ROMA G/C3	SW PU	POR PU	SPI PU	CUMU LATIVE POR/ FT	HC/ FT
8099.0	0	2.75	10	2.89	0	27.94	10.67
8100.0	0	2.73	9	3.41	0	27.91	10.64
8101.0	0	2.71	12	2.22	0	27.88	10.61
8102.0	0	2.70	10	2.69	0	27.86	10.59
8103.0	0	2.70	8	3.86	0	27.83	10.56
8104.0	0	2.70	8	3.86	0	27.79	10.53
8105.0	0	2.72	9	3.50	0	27.76	10.50
8106.0	1	2.71	8	3.90	0	27.72	10.47
8107.0	1	2.74	10	3.02	0	27.69	10.43
8108.0	4	2.74	10	2.84	0	27.65	10.40
8109.0	5	2.75	13	2.03	0	27.63	10.38
8110.0	6	2.72	10	2.87	0	27.60	10.36
8111.0	8	2.73	9	3.42	0	27.57	10.33
8112.0	8	2.72	8	4.00	0	27.53	10.29
8113.0	6	2.73	8	4.05	0	27.49	10.26
8114.0	6	2.73	9	3.25	0	27.46	10.22
8115.0	5	2.72	8	4.04	0	27.42	10.19
8116.0	4	2.73	7	4.80	0	27.38	10.15
8117.0	4	2.73	8	4.37	0	27.34	10.11
8118.0	3	2.72	8	4.53	0	27.29	10.08
8119.0	1	2.70	7	6.68	0	27.24	10.03
8120.0	7	2.72	11	4.04	0	27.18	9.97
8121.0	19	2.78	9	3.67	0	27.15	9.94
8122.0	12	2.78	6	6.91	.23	27.10	9.90
8123.0	3	2.74	7	6.00	0	27.03	9.83
8124.0	0	2.70	7	4.64	0	26.97	9.78
8125.0	0	2.72	8	3.81	0	26.93	9.74
8126.0	0	2.74	11	2.72	0	26.90	9.71
8127.0	3	2.71	9	4.58	0	26.87	9.68
8128.0	5	2.74	14	3.40	0	26.82	9.64
8129.0	8	2.76	13	3.43	0	26.78	9.61
8130.0	4	2.76	8	7.34	0	26.74	9.57
8131.0	2	2.73	8	8.48	0	26.66	9.49
8132.0	4	2.77	8	8.12	0	26.58	9.42
8133.0	9	2.76	7	7.43	0	26.49	9.34
8134.0	14	2.76	11	2.89	0	26.43	9.28
8137.0	0	2.74	17	2.55	0	26.38	9.25
8139.0	0	2.76	20	2.37	0	26.34	9.22
8144.0	0	2.73	22	2.46	0	26.26	9.16
8145.0	0	2.74	27	2.17	0	26.24	9.14
8152.0	0	2.77	32	2.19	0	26.15	9.09
8153.0	0	2.74	20	3.37	0	26.12	9.07
8154.0	0	2.74	27	2.36	0	26.09	9.05

DEPTH FT	VCL PU	ROMA G/C3	SW PU	POR PU	SPI PU	CUMU LATIVE POR/ FT	HC/ FT
8202.0	4	2.77	33	2.58	0	25.60	8.89
8213.0	12	2.73	37	2.56	0	25.47	8.85
8215.0	18	2.83	84	2.32	0	25.43	8.83
8216.0	17	2.84	50	3.56	1.00	25.40	8.82
8217.0	0	2.82	32	6.92	2.14	25.36	8.80
8218.0	0	2.83	53	5.16	.97	25.29	8.75
8219.0	0	2.81	66	5.97	1.46	25.24	8.73
8220.0	1	2.84	96	4.57	1.24	25.17	8.71
8222.0	0	2.82	37	4.29	1.39	25.11	8.70
8223.0	6	2.80	49	3.28	0	25.07	8.68
8225.0	5	2.85	100	2.88	0	25.02	8.66
8226.0	0	2.85	70	3.60	0	24.99	8.66
8227.0	0	2.85	61	4.11	0	24.95	8.65
8228.0	0	2.87	47	5.27	.61	24.91	8.62
8229.0	0	2.88	33	5.63	1.33	24.85	8.59
8230.0	0	2.90	21	5.46	1.61	24.79	8.55
8231.0	0	2.85	21	4.13	1.06	24.74	8.51
8235.0	4	2.82	66	2.25	0	24.66	8.48
8238.0	3	2.81	38	2.17	0	24.60	8.46
8250.0	12	2.78	21	2.75	0	24.43	8.41
8251.0	16	2.73	14	4.59	0	24.39	8.38
8252.0	9	2.73	12	5.67	0	24.34	8.33
8253.0	7	2.75	15	4.38	0	24.28	8.28
8256.0	12	2.70	18	3.76	0	24.21	8.23
8257.0	19	2.76	10	4.57	.04	24.17	8.20
8262.0	7	2.76	29	2.43	0	24.10	8.15
8268.0	9	2.72	100	3.76	0	24.04	8.14
8269.0	3	2.72	90	7.54	0	23.99	8.14
8270.0	1	2.70	84	8.16	0	23.91	8.13
8271.0	1	2.70	80	8.40	0	23.82	8.11
8272.0	3	2.71	91	6.96	0	23.74	8.10
8273.0	6	2.73	62	7.02	0	23.67	8.08
8274.0	7	2.72	49	7.75	0	23.60	8.05
8275.0	11	2.71	100	5.71	0	23.52	8.02
8276.0	15	2.71	100	2.94	0	23.47	8.02
8277.0	10	2.71	100	5.53	0	23.44	8.02
8278.0	5	2.71	72	7.59	0	23.38	8.02
8279.0	3	2.71	74	6.10	0	23.31	8.00

DEPTH FT	VCL PU	QMA GAC3	SW PU	POR PU	SPI PU	POR/ FT	CUMU LATIVE HC/ FT
8280.0	0	2.70	45	6.78	0	23.24	7.98
8281.0	0	2.72	26	5.93	0	23.18	7.94
8282.0	3	2.72	19	8.34	0	23.12	7.89
8283.0	9	2.73	26	7.00	0	23.03	7.83
8284.0	22	2.73	26	7.13	0	22.97	7.78
8285.0	29	2.76	42	5.33	0	22.90	7.73
8286.0	18	2.70	97	3.23	0	22.85	7.70
8288.0	14	2.69	81	3.77	0	22.80	7.70
8289.0	31	2.74	100	3.69	0	22.76	7.70
8290.0	28	2.71	100	5.15	0	22.73	7.70
8291.0	15	2.70	100	4.68	0	22.67	7.70
8293.0	11	2.71	100	4.45	0	22.62	7.70
8294.0	3	2.71	96	7.78	0	22.56	7.70
8295.0	3	2.71	92	8.15	0	22.48	7.69
8296.0	11	2.72	100	6.66	0	22.40	7.69
8297.0	13	2.71	100	5.75	0	22.34	7.69
8298.0	13	2.71	100	5.19	0	22.28	7.69
8299.0	12	2.71	100	6.68	0	22.23	7.69
8300.0	9	2.71	77	9.16	0	22.15	7.68
8301.0	12	2.72	100	7.22	0	22.06	7.66
8302.0	12	2.72	100	6.96	0	21.99	7.66
8303.0	9	2.70	84	8.83	0	21.92	7.66
8304.0	21	2.71	100	4.98	0	21.83	7.65
9297.0	29	2.71	100	6.02	0	21.73	7.65
9298.0	27	2.71	100	4.73	0	21.67	7.65
9299.0	21	2.70	100	6.98	0	21.62	7.65
9300.0	3	2.71	98	13.28	0	21.53	7.65
9301.0	0	2.73	79	13.63	0	21.39	7.64
9302.0	0	2.70	92	11.61	0	21.27	7.62
9303.0	0	2.71	96	11.18	0	21.15	7.61
9304.0	0	2.72	100	10.16	0	21.04	7.61
9305.0	0	2.72	100	8.84	0	20.95	7.61
9306.0	2	2.73	100	8.70	0	20.86	7.61
9307.0	2	2.74	100	9.16	0	20.77	7.61
9308.0	0	2.73	100	9.32	0	20.68	7.61
9309.0	1	2.73	100	8.86	0	20.59	7.61
9310.0	4	2.75	100	7.31	0	20.50	7.61
9311.0	2	2.71	100	8.42	0	20.43	7.61
9312.0	4	2.75	100	5.84	0	20.35	7.61
9313.0	4	2.75	100	6.19	0	20.29	7.61
9314.0	2	2.74	100	6.14	0	20.22	7.61
9315.0	0	2.73	100	5.98	0	20.16	7.61
9316.0	0	2.72	100	5.38	0	20.10	7.61
9317.0	0	2.69	100	6.34	0	20.05	7.61
9318.0	0	2.70	100	7.03	0	19.99	7.61

DEPTH FT	VCL PU	ROMA G/C3	SW PU	POR PU	SPI PU	CUMU LATIVE POR/ FT	HC/ FT
9319.0	4	2.73	100	6.73	0	19.91	7.61
9320.0	7	2.74	100	6.56	0	19.85	7.61
9321.0	9	2.71	100	7.21	0	19.78	7.61
9322.0	18	2.75	100	3.05	0	19.73	7.61
9323.0	11	2.73	100	5.11	0	19.70	7.61
9324.0	1	2.73	100	7.61	0	19.64	7.61
9325.0	1	2.74	100	7.23	0	19.56	7.61
9326.0	4	2.74	100	6.99	0	19.49	7.61
9327.0	6	2.73	100	7.40	0	19.42	7.61
9328.0	12	2.74	100	5.37	0	19.35	7.61
9329.0	10	2.74	100	5.73	0	19.30	7.61
9330.0	2	2.74	100	8.04	0	19.24	7.61
9331.0	0	2.73	100	8.22	0	19.15	7.61
9332.0	0	2.73	99	8.51	0	19.07	7.61
9333.0	0	2.72	100	7.87	0	18.98	7.60
9334.0	0	2.73	100	5.97	0	18.91	7.60
9335.0	0	2.74	100	5.16	0	18.85	7.60
9336.0	0	2.71	100	5.61	0	18.80	7.60
9337.0	0	2.72	100	5.18	0	18.74	7.60
9338.0	0	2.72	100	5.14	0	18.69	7.60
9339.0	0	2.72	100	4.84	0	18.64	7.60
9340.0	0	2.71	100	5.92	0	18.58	7.60
9341.0	0	2.69	100	6.63	0	18.52	7.60
9342.0	0	2.71	100	5.90	0	18.46	7.60
9343.0	0	2.74	100	5.78	0	18.40	7.60
9344.0	0	2.72	100	6.72	0	18.33	7.60
9345.0	0	2.72	100	6.60	0	18.27	7.60
9346.0	3	2.73	100	6.86	0	18.20	7.60
9347.0	12	2.74	100	4.39	0	18.14	7.60
9349.0	9	2.73	100	6.15	0	18.08	7.60
9350.0	0	2.71	99	8.99	0	18.00	7.60
9351.0	3	2.72	100	7.79	0	17.92	7.60
9352.0	10	2.74	100	6.45	0	17.85	7.60
9353.0	8	2.74	100	5.37	0	17.79	7.60
9354.0	3	2.74	100	6.07	0	17.74	7.60
9355.0	3	2.74	100	7.38	0	17.67	7.60
9356.0	3	2.73	100	8.00	0	17.59	7.60
9357.0	7	2.74	100	6.31	0	17.52	7.60
9358.0	8	2.73	100	6.78	0	17.46	7.60
9359.0	4	2.74	100	6.77	0	17.39	7.60
9360.0	2	2.73	84	8.37	0	17.32	7.60
9361.0	3	2.75	100	6.96	0	17.24	7.60
9362.0	3	2.74	100	6.29	0	17.18	7.60
9363.0	3	2.75	100	6.95	0	17.11	7.60
9364.0	2	2.74	92	7.83	0	17.04	7.59
9365.0	3	2.75	100	6.91	0	16.96	7.58
9366.0	3	2.74	91	7.85	0	16.88	7.58

DEPTH FT	VCL PU	ROMA G/C3	SW PU	POR PU	SPI PU	CUMU LATIVE POR/ FT	HC/ FT
9367.0	8	2.74	100	5.86	0	16.80	7.57
9368.0	15	2.77	100	4.82	0	16.74	7.57
9369.0	12	2.77	100	6.33	0	16.69	7.57
9370.0	7	2.78	81	8.59	0	16.62	7.57
9371.0	3	2.76	100	7.87	0	16.54	7.56
9372.0	0	2.75	100	8.18	0	16.46	7.56
9373.0	0	2.75	94	10.48	0	16.38	7.56
9374.0	2	2.76	85	10.79	0	16.27	7.55
9375.0	7	2.74	100	6.88	0	16.17	7.54
9376.0	13	2.76	100	3.76	0	16.10	7.54
9377.0	14	2.75	100	2.18	0	16.07	7.54
9378.0	7	2.76	50	5.13	0	16.04	7.53
9379.0	2	2.75	25	6.70	0	15.98	7.50
9380.0	1	2.77	12	7.17	0	15.91	7.44
9381.0	5	2.78	13	7.43	0	15.84	7.38
9382.0	9	2.79	19	5.86	0	15.77	7.32
9383.0	7	2.79	29	5.18	0	15.71	7.27
9384.0	4	2.78	42	4.15	0	15.66	7.24
9385.0	1	2.77	39	5.43	0	15.62	7.22
9386.0	0	2.76	45	5.97	0	15.56	7.18
9387.0	3	2.74	48	5.57	0	15.50	7.15
9388.0	11	2.75	100	2.85	0	15.46	7.13
9389.0	8	2.74	75	3.84	0	15.43	7.13
9390.0	0	2.73	62	4.27	0	15.39	7.12
9391.0	0	2.73	42	4.59	0	15.35	7.10
9392.0	1	2.72	32	4.17	0	15.30	7.07
9394.0	1	2.73	27	5.12	0	15.24	7.04
9395.0	0	2.73	26	6.03	0	15.19	7.00
9396.0	0	2.74	36	4.88	0	15.13	6.96
9397.0	4	2.74	40	4.29	0	15.08	6.93
9398.0	8	2.76	67	2.38	0	15.05	6.91
9399.0	3	2.75	37	4.43	0	15.02	6.89
9400.0	3	2.76	37	3.92	0	14.97	6.86
9401.0	1	2.75	19	6.59	0	14.92	6.83
9402.0	1	2.75	25	5.98	0	14.86	6.77
9403.0	2	2.75	24	5.47	0	14.80	6.73
9404.0	5	2.75	19	5.97	0	14.74	6.69
9405.0	8	2.76	24	4.79	0	14.69	6.65
9406.0	5	2.77	17	7.00	0	14.64	6.61
9407.0	2	2.76	17	8.69	0	14.56	6.55
9408.0	7	2.76	30	5.67	0	14.48	6.48
9409.0	11	2.77	47	4.29	0	14.43	6.45
9410.0	6	2.76	36	6.27	0	14.38	6.41
9411.0	3	2.74	30	8.17	0	14.31	6.37
9412.0	8	2.75	51	5.88	0	14.23	6.32
9413.0	8	2.75	53	6.88	0	14.18	6.29
9414.0	3	2.75	57	7.32	0	14.11	6.26

DEPTH FT	VCL PU	ROMA G/C3	SW PU	POR PU	SPI PU	POR/ FT	CUMU LATIVE HC/ FT
9415.0	3	2.75	99	4.88	0	14.04	6.24
9416.0	2	2.73	61	7.15	0	13.99	6.23
9417.0	6	2.75	68	6.70	0	13.91	6.20
9418.0	7	2.75	94	5.49	0	13.85	6.18
9419.0	4	2.74	99	5.25	0	13.79	6.17
9420.0	8	2.76	75	6.22	0	13.73	6.16
9421.0	10	2.76	83	5.98	0	13.66	6.14
9422.0	3	2.74	74	6.66	0	13.60	6.13
9423.0	0	2.74	61	7.83	0	13.53	6.11
9424.0	5	2.76	58	7.75	0	13.45	6.08
9425.0	10	2.75	91	5.09	0	13.38	6.05
9426.0	9	2.75	95	4.75	0	13.33	6.04
9427.0	16	2.75	100	3.06	0	13.28	6.04
9429.0	14	2.75	61	4.49	0	13.24	6.04
9430.0	12	2.76	79	2.53	0	13.19	6.02
9431.0	13	2.79	64	2.16	0	13.18	6.02
9432.0	4	2.77	22	7.47	0	13.14	6.00
9433.0	1	2.77	20	8.42	0	13.06	5.93
9434.0	0	2.75	30	5.87	0	12.98	5.87
9435.0	2	2.74	33	6.41	0	12.93	5.83
9436.0	12	2.75	100	2.72	0	12.86	5.79
9438.0	10	2.73	97	3.97	0	12.84	5.79
9439.0	4	2.73	65	5.72	0	12.79	5.78
9440.0	6	2.75	60	6.08	0	12.74	5.77
9441.0	6	2.74	73	4.86	0	12.68	5.75
9442.0	4	2.74	87	4.34	0	12.64	5.74
9443.0	0	2.71	48	7.21	0	12.59	5.73
9444.0	1	2.72	54	5.71	0	12.52	5.69
9446.0	9	2.77	36	4.21	0	12.45	5.66
9447.0	3	2.75	25	6.17	0	12.39	5.63
9448.0	0	2.74	30	6.28	0	12.33	5.58
9449.0	0	2.72	32	6.58	0	12.27	5.54
9450.0	1	2.74	42	5.36	0	12.21	5.50
9451.0	1	2.75	41	6.41	0	12.16	5.47
9452.0	0	2.73	44	6.92	0	12.09	5.43
9453.0	0	2.70	51	6.29	0	12.02	5.39
9454.0	0	2.71	51	7.42	0	11.96	5.36
9455.0	3	2.74	56	7.20	0	11.89	5.33
9456.0	4	2.75	71	5.48	0	11.83	5.31
9457.0	4	2.74	65	5.78	0	11.77	5.29
9458.0	9	2.75	100	2.80	0	11.72	5.28
9459.0	5	2.74	97	3.92	0	11.69	5.28
9460.0	3	2.75	65	4.86	0	11.64	5.27
9461.0	8	2.76	100	2.73	0	11.60	5.26
9462.0	15	2.74	100	3.04	0	11.57	5.26

DEPTH FT	VCL PU	ROMA G/C3	SW PU	POR PU	SPI PU	CUMU LATIVE POR/ FT	HC/ FT
9463.0	19	2.75	100	2.49	0	11.55	5.26
9464.0	11	2.74	100	3.67	0	11.52	5.26
9465.0	2	2.75	64	5.50	0	11.48	5.25
9466.0	0	2.75	62	5.89	0	11.42	5.23
9467.0	0	2.72	70	5.46	0	11.37	5.21
9468.0	0	2.71	68	6.48	0	11.31	5.19
9469.0	0	2.73	78	6.33	0	11.25	5.17
9470.0	0	2.75	77	6.27	0	11.18	5.16
9471.0	0	2.74	86	5.91	0	11.12	5.14
9472.0	0	2.73	88	5.99	0	11.06	5.14
9473.0	0	2.72	66	7.10	0	11.00	5.13
9474.0	2	2.73	64	6.30	0	10.94	5.11
9475.0	11	2.74	99	3.45	0	10.88	5.09
9476.0	14	2.75	65	3.81	0	10.85	5.09
9477.0	19	2.77	43	3.82	0	10.81	5.08
9478.0	19	2.81	27	4.21	0	10.77	5.05
9479.0	7	2.75	27	2.74	0	10.73	5.02
9480.0	0	2.72	19	2.38	0	10.71	5.00
9481.0	3	2.74	16	3.49	0	10.68	4.98
9483.0	9	2.73	23	3.48	0	10.65	4.96
9484.0	2	2.74	28	5.58	0	10.61	4.93
9485.0	2	2.75	37	5.60	0	10.55	4.89
9486.0	1	2.74	37	5.38	0	10.50	4.86
9487.0	0	2.73	43	3.42	0	10.45	4.83
9488.0	0	2.73	43	3.14	0	10.42	4.81
9489.0	1	2.74	51	4.16	0	10.39	4.80
9490.0	1	2.75	46	6.53	0	10.34	4.77
9491.0	2	2.75	37	7.93	0	10.27	4.73
9492.0	10	2.78	29	7.44	0	10.19	4.68
9493.0	16	2.79	24	5.87	0	10.12	4.63
9494.0	9	2.77	15	7.13	0	10.06	4.58
9495.0	5	2.76	11	7.80	0	9.98	4.51
9496.0	11	2.79	12	6.71	0	9.91	4.45
9497.0	12	2.81	11	6.95	0	9.84	4.39
9505.0	0	2.82	100	3.10	0	9.70	4.34
9506.0	0	2.80	97	4.33	.59	9.67	4.34
9507.0	0	2.82	65	4.53	1.08	9.63	4.34
9508.0	0	2.86	43	3.98	.80	9.59	4.32
9509.0	0	2.86	46	3.37	.48	9.55	4.30
9510.0	0	2.83	100	2.71	0	9.52	4.29
9511.0	0	2.87	100	3.44	0	9.49	4.29
9512.0	0	2.89	60	5.62	1.47	9.45	4.29
9513.0	0	2.87	27	8.93	3.91	9.38	4.25
9514.0	0	2.87	40	6.80	1.50	9.29	4.19
9515.0	0	2.82	46	4.92	.33	9.23	4.15
9516.0	4	2.83	40	3.58	0	9.19	4.13

DEPTH FT	VCL PU	ROMA G/C3	SW PU	POR PU	SPI PU	POR/ FT	CUMU LATIVE HC/ FT
9517.0	2	2.79	23	3.20	0	9.15	4.11
9522.0	0	2.73	11	3.78	0	9.08	4.07
9523.0	1	2.77	9	3.56	0	9.04	4.03
9524.0	3	2.77	11	3.69	0	9.00	4.00
9528.0	7	2.80	16	2.36	0	8.93	3.97
9529.0	2	2.73	11	2.57	0	8.90	3.95
9545.0	2	2.75	70	3.65	.59	8.78	3.90
9546.0	0	2.79	53	3.40	0	8.74	3.88
9547.0	0	2.79	10	3.11	0	8.71	3.86
9551.0	0	2.89	41	2.91	0	8.66	3.82
9552.0	0	2.87	53	3.31	0	8.63	3.81
9553.0	0	2.85	41	4.44	0	8.60	3.79
9554.0	2	2.87	37	3.08	0	8.56	3.77
9555.0	0	2.85	36	3.14	.83	8.52	3.75
9556.0	0	2.82	50	2.93	.19	8.49	3.73
9558.0	3	2.79	21	4.71	0	8.46	3.72
9559.0	1	2.81	11	8.11	0	8.39	3.66
9563.0	3	2.79	36	2.83	0	8.27	3.59
9566.0	14	2.80	19	4.67	0	8.22	3.56
9568.0	2	2.72	8	3.98	0	8.16	3.51
9569.0	0	2.73	8	5.80	0	8.12	3.47
9570.0	5	2.77	12	4.62	0	8.06	3.42
9579.0	1	2.78	31	2.49	0	7.98	3.38
9580.0	0	2.76	20	4.33	0	7.96	3.36
9581.0	0	2.73	12	6.92	.07	7.91	3.32
9582.0	0	2.77	8	5.86	0	7.84	3.27
9583.0	2	2.77	9	5.63	0	7.79	3.22
9584.0	2	2.78	12	4.54	0	7.74	3.17
9585.0	1	2.76	23	2.43	0	7.70	3.13
9587.0	7	2.78	19	2.70	0	7.66	3.11
9588.0	4	2.77	20	2.26	0	7.64	3.09
9589.0	0	2.74	17	2.85	0	7.61	3.07
9590.0	0	2.76	10	4.53	0	7.58	3.05
9591.0	1	2.77	8	7.41	0	7.53	3.00
9592.0	2	2.78	10	5.01	0	7.46	2.93
9593.0	1	2.74	12	4.50	0	7.41	2.89
9594.0	3	2.75	28	3.08	0	7.37	2.85

DEPTH FT	VCL PU	ROMA G/C3	SW PU	POR PU	SPI PU	CUMU LATIVE POR/ FT	HC/ FT
9596.0	5	2.82	62	3.16	0	7.32	2.84
9597.0	2	2.84	52	4.98	1.97	7.29	2.82
9598.0	5	2.86	82	3.63	1.32	7.24	2.80
9599.0	5	2.86	70	3.65	.91	7.21	2.80
9600.0	1	2.87	30	9.72	5.42	7.16	2.77
9601.0	0	2.86	39	9.11	3.91	7.05	2.70
9602.0	1	2.87	83	4.40	.08	6.97	2.66
9603.0	2	2.88	100	2.95	0	6.93	2.65
9604.0	4	2.87	83	3.46	0	6.90	2.65
9605.0	4	2.86	49	3.89	0	6.87	2.64
9606.0	6	2.86	76	3.50	0	6.83	2.62
9607.0	4	2.89	78	4.37	0	6.79	2.62
9608.0	11	2.87	54	4.71	1.03	6.75	2.61
9609.0	12	2.85	58	2.01	0	6.71	2.59
9612.0	2	2.80	33	2.88	0	6.67	2.58
9613.0	0	2.82	43	3.18	0	6.64	2.56
9614.0	0	2.79	36	6.41	1.40	6.60	2.53
9615.0	0	2.83	38	4.89	0	6.53	2.49
9619.0	0	2.81	23	4.45	1.85	6.47	2.46
9626.0	0	2.75	39	2.74	0	6.37	2.42
9631.0	4	2.74	10	4.94	0	6.31	2.38
9632.0	0	2.77	14	5.22	0	6.25	2.33
9633.0	0	2.76	20	3.52	0	6.21	2.29
9634.0	3	2.79	22	2.90	0	6.17	2.26
9635.0	5	2.80	20	3.12	0	6.14	2.24
9636.0	1	2.75	19	2.77	0	6.12	2.22
9637.0	3	2.78	39	2.05	0	6.09	2.20
9656.0	3	2.78	45	2.70	0	5.90	2.16
9657.0	12	2.80	44	2.05	0	5.87	2.14
9667.0	0	2.81	57	3.37	1.12	5.78	2.13
9668.0	0	2.80	68	2.55	.02	5.75	2.12
9669.0	1	2.81	45	2.05	0	5.73	2.11
9672.0	0	2.83	46	3.85	1.95	5.68	2.09
9673.0	1	2.83	43	4.40	1.86	5.64	2.07
9674.0	5	2.85	54	2.71	.60	5.60	2.05
9675.0	0	2.87	46	2.71	0	5.57	2.04
9676.0	0	2.86	59	3.00	.26	5.54	2.02
9677.0	0	2.85	46	5.17	1.73	5.51	2.01
9678.0	0	2.87	38	6.40	3.22	5.45	1.97
9679.0	0	2.90	34	5.89	2.00	5.39	1.94
9680.0	0	2.85	29	6.35	2.20	5.33	1.89

DEPTH FT	VCL PU	ROMA G/C3	SW PU	POR PU	SPI PU	POR/ FT	CUMU LATIVE HC/ FT
9681.0	0	2.84	35	5.60	.75	5.27	1.85
9682.0	0	2.84	52	3.53	.04	5.22	1.82
9683.0	0	2.83	31	5.49	2.75	5.18	1.80
9684.0	0	2.85	55	7.54	3.23	5.12	1.76
9685.0	0	2.86	100	3.86	0	5.05	1.73
9687.0	0	2.84	100	2.80	.61	5.00	1.73
9688.0	0	2.88	100	2.22	0	4.97	1.73
9689.0	0	2.82	51	3.70	.42	4.95	1.73
9690.0	0	2.83	50	4.52	.79	4.90	1.70
9694.0	0	2.87	95	5.73	1.99	4.81	1.68
9695.0	0	2.84	66	7.76	2.30	4.75	1.67
9696.0	0	2.88	40	12.78	3.08	4.66	1.63
9697.0	0	2.85	45	10.02	1.02	4.54	1.56
9698.0	0	2.85	51	8.44	0	4.45	1.52
9699.0	0	2.84	59	7.80	0	4.36	1.47
9700.0	6	2.84	70	6.62	0	4.29	1.45
9701.0	2	2.84	83	4.98	0	4.23	1.43
9702.0	0	2.85	100	3.19	0	4.18	1.43
9703.0	0	2.84	100	2.24	0	4.15	1.42
9705.0	0	2.84	78	3.66	.71	4.11	1.42
9707.0	0	2.85	100	2.20	0	4.05	1.42
9708.0	0	2.82	100	2.26	0	4.03	1.42
9710.0	0	2.81	66	2.73	.83	4.00	1.42
9711.0	0	2.83	94	2.93	.19	3.97	1.41
9712.0	0	2.83	100	3.39	0	3.94	1.41
9713.0	0	2.86	100	2.71	0	3.91	1.41
9714.0	0	2.86	36	10.09	7.06	3.86	1.39
9715.0	0	2.80	47	7.73	5.41	3.76	1.33
9716.0	0	2.81	51	4.87	2.68	3.68	1.29
9719.0	0	2.83	42	3.44	1.67	3.63	1.27
9720.0	2	2.81	52	2.75	.74	3.60	1.25
9725.0	13	2.77	32	2.11	0	3.56	1.25
9726.0	10	2.80	10	7.28	0	3.52	1.22
9727.0	7	2.80	13	6.49	0	3.45	1.15
9728.0	5	2.76	26	4.04	0	3.39	1.10
9729.0	7	2.77	39	4.01	0	3.35	1.07
9730.0	8	2.80	29	5.68	0	3.30	1.04
9731.0	2	2.77	14	7.64	0	3.24	.99
9732.0	1	2.75	34	2.45	0	3.18	.94
9734.0	6	2.76	39	3.15	0	3.15	.93

DEPTH FT	VCL PU	ROMA G/C3	SW PU	POR PU	SPI PU	CUMU LATIVE POR/ FT	HC/ FT
9735.0	2	2.85	48	3.00	0	3.12	.91
9737.0	7	2.76	18	5.02	0	3.09	.91
9738.0	1	2.77	12	7.92	0	3.03	.85
9739.0	0	2.73	12	5.15	0	2.95	.78
9740.0	4	2.75	12	5.91	0	2.90	.74
9741.0	7	2.79	15	6.51	0	2.84	.68
9742.0	3	2.75	17	4.95	0	2.77	.63
9743.0	7	2.80	53	2.82	0	2.73	.59
9744.0	7	2.76	62	4.87	0	2.70	.58
9745.0	1	2.73	74	5.63	0	2.65	.56
9746.0	0	2.73	92	5.29	0	2.60	.55
9747.0	2	2.73	99	4.96	0	2.54	.55
9748.0	4	2.75	100	4.28	0	2.50	.55
9749.0	1	2.73	81	5.79	0	2.45	.55
9750.0	0	2.74	88	5.79	0	2.39	.54
9751.0	2	2.73	74	6.46	0	2.33	.52
9752.0	12	2.75	100	4.29	0	2.26	.51
9753.0	21	2.80	100	2.28	0	2.22	.51
9755.0	8	2.76	52	3.11	0	2.19	.51
9756.0	13	2.78	85	2.23	0	2.16	.49
9759.0	28	2.77	94	2.08	0	2.13	.49
9760.0	16	2.76	51	3.35	0	2.10	.48
9761.0	8	2.75	56	2.39	0	2.07	.47
9763.0	2	2.74	48	4.60	0	2.03	.45
9764.0	9	2.75	94	3.31	0	1.98	.43
9765.0	17	2.76	100	2.04	0	1.96	.43
9766.0	10	2.73	98	4.45	0	1.94	.43
9767.0	15	2.73	100	4.08	0	1.89	.43
9768.0	25	2.77	100	2.87	0	1.86	.43
9774.0	6	2.75	45	4.56	0	1.76	.42
9775.0	9	2.75	65	3.34	0	1.71	.40
9776.0	11	2.75	72	3.19	0	1.68	.39
9777.0	9	2.75	53	4.94	0	1.64	.37
9778.0	8	2.75	67	4.53	0	1.59	.35
9779.0	1	2.73	45	6.81	0	1.54	.33
9780.0	0	2.73	48	6.85	0	1.47	.29
9781.0	0	2.73	66	5.98	0	1.41	.27
9782.0	1	2.74	96	4.97	0	1.35	.25
9783.0	1	2.71	94	5.21	0	1.31	.25
9784.0	0	2.72	71	6.31	0	1.25	.24
9785.0	0	2.70	75	6.10	0	1.19	.22
9786.0	0	2.69	72	6.31	0	1.13	.21
9787.0	0	2.73	90	5.36	0	1.07	.19

COMPANY

AMOCO PRODUCTION C

O.LL

FEDERAL BY #1

PAGE

34

DEPTH FT	VCL PU	ROMA G/C3	SW PU	POR PU	SPI PU	POR/ FT	CUMU LATIVE HC/ FT
9788.0	0	2.73	100	4.37	0	1.02	.19
9789.0	0	2.74	100	4.13	0	.97	.19
9790.0	0	2.74	100	4.62	0	.93	.19
9791.0	0	2.74	100	4.66	0	.88	.19
9792.0	0	2.72	98	5.15	0	.83	.18
9793.0	0	2.72	78	6.22	0	.77	.17
9794.0	0	2.73	73	6.79	0	.71	.15
9795.0	1	2.74	73	6.89	0	.64	.13
9796.0	1	2.73	80	6.25	0	.58	.12
9797.0	0	2.72	66	7.23	0	.51	.09
9798.0	0	2.73	64	7.15	0	.44	.07
9799.0	0	2.72	73	6.12	0	.37	.05
9800.0	2	2.75	100	5.98	0	.30	.03
9801.0	5	2.74	76	5.61	0	.24	.03
9802.0	2	2.74	89	4.55	0	.19	.03
9803.0	2	2.75	90	5.83	0	.14	.01
9804.0	4			5.35	0	.08	0
9805.0				5.16	0	.03	

ANALYST: LOG ANALYST

5-JUL-82 21:53:36

```
*****  
*                                     *  
*                                     *  
*                                     *  
*****  
*                                     *  
*   SCHLUMBERGER                     *  
*                                     *  
*****
```

PERMEABILITY LISTING

COMPANY : AMOCO PRODUCTION C
O.LL : FEDERAL BY #1
FIELD : YOUNG MORROW
COUNTRY : USA
REFERENCE : FS1A,77,2
LOGGED : 13-JUN-82

ANALYST: LOG ANALYST

5-JUL-82 21:53:36

*
*
*

*
* SCHLUMBERGER *
*

PERMEABILITY LISTING

COMPANY : AMOCO PRODUCTION C
O.LL : FEDERAL BY #1
FIELD : YOUNG MORROW
COUNTRY : USA
REFERENCE : FS1A.77.2
LOGGED : 13-JUN-82

	*		*		*		C	U	M	U
	*		*		*		A	T	V	E
* DEPTH	*	PERM	*	PERM	*	PERM	PERM	PERM	PERM	PERM
	*	OIL	*	GAS	*	TOTAL	OIL	GAS	WATER	TOTAL
	*	MD	*	MD	*	MD	FT	FT	FT	FT
* FT	*		*		*					

	*		*		*					

DEPTH	PERM OIL MD	PERM GAS MD	PERM WATER MD	PERM TOTAL MD	CUMULATIVE PERM OIL FT	PERM GAS FT	PERM WATER FT	PERM TOTAL FT
4954.0	.1			.1	12957		929	28414
4963.0	.1			.1	12957		929	28413
4964.0	4.3		.1	9.2	12956		929	28412
4965.0	6.7		.1	13.9	12951		929	28400
4966.0	52.7		.4	100.4	12933		929	28366
4967.0	21.0		.3	45.9	12884		928	28271
4968.0	149.7		1.5	299.9	12851		928	28200
4969.0	95.6		1.8	216.0	12700		926	27889
4970.0	34.4		.4	69.2	12630		925	27732
4971.0	13.1			20.5	12600		925	27676
4972.0	.1			.1	12592		925	27664
4981.0	8.4		.7	28.1	12592		925	27663
4982.0	138.8		7.5	403.4	12547		922	27524
4983.0	74.5		3.8	213.2	12421		915	27160
4984.0	67.1		4.0	200.6	12357		911	26974
4985.0	37.4		1.7	104.4	12278		907	26747
4986.0	.1			.1	12258		907	26691
4988.0	40.4		.3	78.0	12256		907	26687
4989.0	1.7			4.0	12211		906	26594
5016.0	6.6		.1	15.0	12210		906	26591
5017.0	.3			.9	12203		906	26574
5026.0	.1			.1	12203		906	26574
5027.0	.1			.1	12202		906	26574
5065.0				.2	12202		906	26574
5066.0	.1			.2	12202		906	26573
5067.0	.1			.2	12202		906	26572
5070.0	.2			.7	12201		906	26572
5073.0	.2			.3	12201		906	26571
5075.0	.7			1.0	12201		906	26571
5076.0	.5			.8	12200		906	26570
5077.0	.6			.9	12200		906	26569
5078.0	.3			.5	12199		906	26568
5081.0			.4	.6	12199		906	26568

DEPTH	PERM OIL	PERM GAS	PERM WATER	PERM TOTAL	PERM OIL	PERM GAS	PERM WATER	PERM TOTAL
FT	MD	MD	MD	MD	FT	FT	FT	FT
5082.0	2.0		1.9	17.3	12199		905	26566
5083.0	71.6		7.1	248.0	12190		902	26521
5084.0	224.6		21.7	773.7	12094		892	26181
5085.0	347.0		25.1	1095.9	11801		867	25211
5086.0	372.8		28.6	1197.4	11423		841	24039
5087.0	804.4		38.4	2264.1	10811		810	22294
5088.0	639.4		42.5	1970.4	9994		768	19958
5089.0	685.1		37.6	2001.3	9366		727	18031
5090.0	803.0		32.8	2170.9	8617		689	15889
5091.0	519.9		26.8	1493.3	7817		657	13737
5092.0	204.7		9.9	577.8	7251		634	12216
5093.0	24.5		2.6	86.3	7101		627	11785
5094.0	53.1		2.7	151.4	7074		624	11692
5095.0	74.4		2.2	186.1	6993		621	11479
5096.0	12.7		.9	39.8	6939		619	11342
5097.0	64.2		.9	135.7	6919		618	11287
5098.0	47.8		.7	101.5	6844		618	11134
5099.0	5.1		.3	15.3	6810		617	11058
5100.0	.4		.1	1.5	6807		617	11049
5101.0	1.3		.1	3.7	6807		617	11047
5102.0	10.1		.3	25.7	6804		617	11041
5103.0	5.4		.1	12.7	6794		616	11017
5104.0	.8			1.6	6791		616	11008
5105.0	.9			.9	6790		616	11006
5141.0			3.5	4.7	6789		615	11004
5142.0	.1		9.2	16.2	6789		610	10996
5143.0	10.0		11.4	92.8	6788		601	10967
5144.0	21.7		7.6	118.0	6772		590	10852
5145.0	9.8		2.3	45.7	6752		584	10748
5146.0	2.3		.6	11.2	6745		582	10714
5147.0	1.2		.5	6.6	6743		581	10704
5148.0	.2		.4	2.3	6742		581	10700
5149.0	.4		.2	2.4	6742		581	10697
5150.0	.2			.5	6741		580	10695
5176.0			1.3	1.9	6741		580	10695
5177.0	4.7		4.9	41.7	6741		579	10688
5178.0	6.9		4.5	48.8	6735		574	10642
5179.0	2.3		1.5	16.1	6730		570	10602
5180.0	1.0		.1	2.9	6728		569	10590
5246.0	.1			.1	6727		569	10588
5247.0	.6			.6	6727		569	10588

DEPTH	PERM OIL MD	PERM GAS MD	PERM WATER MD	PERM TOTAL MD	PERM OIL FT	PERM GAS FT	PERM WATER FT	PERM TOTAL FT
5248.0	.2			.2	6727		569	10587
5254.0	.1			.1	6726		569	10587
5263.0	.1			.1	6726		569	10587
5266.0	.1			.1	6726		569	10587
5318.0	.9			1.5	6726		569	10587
5319.0	.6			1.2	6725		569	10585
5320.0	.4			.7	6725		569	10584
5321.0	.8			1.0	6724		569	10584
5330.0	.4			.7	6724		569	10583
5331.0	.1			.2	6723		569	10583
5354.0				.1	6723		569	10582
5355.0	.1			.1	6723		569	10582
5356.0				.1	6723		569	10582
5357.0	.1			.2	6723		569	10582
5364.0				.1	6723		569	10582
5365.0				.1	6723		569	10582
5367.0	.1			.4	6723		569	10581
5368.0	.4			.8	6722		569	10581
5369.0	.2			.4	6722		569	10580
5372.0	.1			.1	6722		569	10580
5373.0	.1			.1	6722		569	10580
5379.0	4.8			9.1	6721		569	10579
5380.0	3.4			6.7	6717		569	10570
5381.0	1.4			3.0	6714		569	10565
5382.0	2.6			5.2	6713		569	10563
5383.0	.1			.1	6712		569	10560
5384.0	.3			.3	6711		569	10560
5385.0	8.2		.1	16.8	6711		569	10558
5386.0	2.0			4.6	6706		569	10548
5387.0	.9			1.9	6705		569	10546
5388.0	.2			.6	6704		569	10545
5389.0	.1			.1	6704		569	10544
5391.0	.2			.4	6704		569	10544

* DEPTH *	* PERM *	* PERM *	* PERM *	* PERM *	* C U M U *	* A T *	* V E *
* FT *	* OIL *	* GAS *	* WATER *	* TOTAL *	* OIL *	* GAS *	* TOTAL *
* MD *	* MD *	* MD *	* MD *	* MD *	* FT *	* FT *	* FT *
* 5392.0 *	* .5 *			* 1.5 *	* 6704 *	* 569 *	* 10544 *
* 5393.0 *	* .6 *			* 1.7 *	* 6704 *	* 569 *	* 10542 *
* 5394.0 *	* .6 *		* .1 *	* 1.9 *	* 6703 *	* 569 *	* 10541 *
* 5395.0 *	* .9 *			* 2.4 *	* 6702 *	* 569 *	* 10538 *
* 5396.0 *	* .1 *			* .1 *	* 6702 *	* 569 *	* 10536 *
* 5397.0 *	* .6 *			* 1.3 *	* 6701 *	* 569 *	* 10536 *
* 5398.0 *	* 1.8 *		* .1 *	* 4.7 *	* 6700 *	* 569 *	* 10534 *
* 5399.0 *	* 1.4 *			* 3.7 *	* 6699 *	* 568 *	* 10530 *
* 5400.0 *	* 5.3 *		* .1 *	* 10.7 *	* 6697 *	* 568 *	* 10525 *
* 5401.0 *	* .3 *			* .9 *	* 6694 *	* 568 *	* 10518 *
* 5402.0 *	* .1 *			* .4 *	* 6693 *	* 568 *	* 10518 *
* 5406.0 *	* .1 *			* .1 *	* 6693 *	* 568 *	* 10517 *
* 5424.0 *	* 1.2 *		* .1 *	* 3.8 *	* 6693 *	* 568 *	* 10517 *
* 5436.0 *			* .1 *	* .1 *	* 6691 *	* 568 *	* 10512 *
* 5437.0 *			* .1 *	* .1 *	* 6691 *	* 568 *	* 10512 *
* 5438.0 *			* .2 *	* .4 *	* 6691 *	* 568 *	* 10512 *
* 5439.0 *	* 1.6 *		* .4 *	* 7.3 *	* 6691 *	* 568 *	* 10512 *
* 5440.0 *	* 5.1 *		* 1.6 *	* 26.5 *	* 6690 *	* 567 *	* 10505 *
* 5441.0 *	* 21.1 *		* 3.9 *	* 90.1 *	* 6685 *	* 566 *	* 10479 *
* 5442.0 *	* 15.2 *		* 3.2 *	* 68.0 *	* 6663 *	* 562 *	* 10386 *
* 5443.0 *	* 7.5 *		* 1.9 *	* 36.0 *	* 6651 *	* 559 *	* 10331 *
* 5444.0 *	* 1.8 *		* .7 *	* 10.6 *	* 6645 *	* 557 *	* 10301 *
* 5445.0 *	* 1.7 *		* .7 *	* 10.1 *	* 6644 *	* 557 *	* 10294 *
* 5446.0 *	* 32.7 *		* 3.9 *	* 119.9 *	* 6638 *	* 556 *	* 10270 *
* 5447.0 *	* 5.0 *		* 2.1 *	* 28.9 *	* 6613 *	* 552 *	* 10171 *
* 5448.0 *	* 18.5 *		* 2.6 *	* 71.4 *	* 6609 *	* 550 *	* 10146 *
* 5449.0 *	* 26.2 *		* 4.1 *	* 105.2 *	* 6582 *	* 547 *	* 10049 *
* 5450.0 *	* 21.1 *		* 3.7 *	* 88.5 *	* 6562 *	* 543 *	* 9961 *
* 5451.0 *	* 46.4 *		* 3.9 *	* 153.5 *	* 6530 *	* 540 *	* 9845 *
* 5452.0 *	* 9.8 *		* 1.9 *	* 42.4 *	* 6498 *	* 536 *	* 9733 *
* 5453.0 *	* 1.7 *		* .7 *	* 10.0 *	* 6492 *	* 535 *	* 9707 *
* 5454.0 *	* .2 *		* .3 *	* 1.9 *	* 6491 *	* 534 *	* 9701 *
* 5455.0 *			* .4 *	* .8 *	* 6491 *	* 534 *	* 9700 *
* 5456.0 *	* 2.8 *		* .9 *	* 14.8 *	* 6491 *	* 534 *	* 9698 *
* 5457.0 *	* 3.9 *		* 2.0 *	* 24.8 *	* 6489 *	* 533 *	* 9684 *
* 5458.0 *	* 6.1 *		* 3.0 *	* 38.5 *	* 6485 *	* 531 *	* 9660 *
* 5459.0 *	* 1.3 *		* 1.5 *	* 12.5 *	* 6480 *	* 528 *	* 9625 *
* 5460.0 *	* .3 *		* 1.0 *	* 5.2 *	* 6479 *	* 526 *	* 9615 *
* 5461.0 *	* 6.8 *		* 2.9 *	* 40.4 *	* 6477 *	* 525 *	* 9603 *
* 5462.0 *	* 9.3 *		* 3.3 *	* 51.1 *	* 6469 *	* 521 *	* 9552 *
* 5463.0 *	* 8.4 *		* 2.2 *	* 40.8 *	* 6460 *	* 518 *	* 9506 *

DEPTH	PERM OIL MD	PERM GAS MD	PERM WATER MD	PERM TOTAL MD	PERM OIL FT	PERM GAS FT	PERM WATER FT	PERM TOTAL FT
5464.0	3.8		1.9	23.8	6453		516	9472
5465.0	.5		1.4	7.1	6451		515	9454
5466.0	6.2		2.5	35.6	6450		513	9447
5467.0	25.4		5.0	111.1	6438		510	9387
5468.0	17.3		5.2	88.5	6412		505	9275
5469.0	7.2		3.6	45.4	6397		500	9193
5470.0	20.7		4.9	96.9	6389		496	9143
5471.0	9.5		4.8	59.9	6371		491	9055
5472.0	8.0		5.0	55.7	6363		486	9003
5473.0	5.5		2.3	31.9	6352		482	8939
5474.0	.2		.6	3.0	6349		480	8919
5475.0	3.2		1.2	17.8	6349		480	8916
5476.0	5.0		1.6	26.1	6343		478	8885
5477.0			.6	.7	6341		477	8871
5478.0	.3		1.5	5.9	6341		476	8870
5479.0	8.5		6.3	64.2	6339		473	8854
5480.0	.3		1.1	4.9	6334		469	8813
5481.0	.1		.8	2.7	6334		468	8810
5482.0	.6		.9	6.6	6334		467	8805
5483.0	1.7		1.9	15.9	6333		466	8796
5484.0	2.2		2.4	20.0	6327		463	8762
5485.0	.8		1.4	9.2	6326		461	8745
5486.0	5.5		2.1	31.3	6324		460	8732
5487.0	4.7		1.6	25.5	6317		457	8692
5488.0			.1	.1	6314		456	8678
5489.0			.1	.1	6314		456	8678
5490.0	1.1		.7	7.9	6314		456	8677
5491.0	.2		.6	2.9	6313		455	8669
5492.0	.5		.5	4.3	6313		454	8666
5493.0			.3	.4	6313		454	8663
5494.0			.1	.2	6313		454	8663
5495.0			.2	.3	6313		454	8662
5496.0	.1		.2	1.2	6312		453	8662
5497.0			.1	.2	6312		453	8660
5498.0			.1	.1	6312		453	8660
5499.0	1.2		.8	8.5	6312		453	8660
5500.0	.8		1.0	7.9	6311		452	8647
5501.0	.8		.6	6.0	6309		451	8638
5502.0			.1	.4	6309		451	8634
5503.0				.2	6309		450	8633
5505.0	.1			.6	6309		450	8633
5506.0	11.8		8.5	87.5	6308		450	8629
5507.0	42.0		14.0	224.1	6283		437	8471

DEPTH	PERM OIL MD	PERM GAS MD	PERM WATER MD	PERM TOTAL MD	CUMULATIVE PERM OIL FT	PERM GAS FT	PERM WATER FT	PERM TOTAL FT
5560.0	.1		.5	1.8	6176		357	7867
5561.0	1.9		.9	11.3	6175		357	7863
5562.0	11.3		7.1	78.6	6172		356	7843
5563.0	.2		2.2	6.7	6163		350	7781
5565.0			.2	.3	6163		348	7778
5566.0	9.6		3.6	53.6	6163		348	7776
5567.0	4.8		3.4	35.6	6148		343	7694
5568.0			.1	.1	6145		341	7675
5569.0				.1	6145		341	7675
5572.0				.1	6145		341	7674
5574.0				.1	6145		341	7674
5575.0	.3			1.1	6145		341	7673
5578.0	.5			1.3	6145		340	7672
5579.0	.4			1.1	6144		340	7670
5581.0	.3			.3	6144		340	7669
5582.0	1.2			2.9	6143		340	7668
5583.0	1.2		.1	4.2	6143		340	7667
5584.0	.3		.1	1.4	6142		340	7663
5585.0	.2			.5	6142		340	7663
5586.0	.5			1.7	6141		340	7662
5587.0	.5			1.3	6141		340	7659
5589.0	.1			.2	6140		340	7658
5591.0	.1			.5	6140		340	7658
5592.0				.3	6140		340	7657
5593.0	7.7		1.0	29.5	6140		340	7656
5594.0	33.1		5.4	135.0	6115		337	7567
5595.0	16.3		3.4	72.8	6090		332	7459
5596.0	9.2		1.4	36.2	6070		329	7374
5597.0				.4	6064		328	7351
5600.0	.1			.2	6064		328	7351
5603.0			.1	.2	6064		328	7351
5604.0	.5		.2	3.2	6064		328	7350
5605.0	.7		.1	2.5	6063		327	7343
5612.0	.1			.1	6062		327	7342

DEPTH	PERM OIL MD	PERM GAS MD	PERM WATER MD	PERM TOTAL MD	CUMULATIVE PERM OIL FT	CUMULATIVE PERM GAS FT	CUMULATIVE PERM WATER FT	CUMULATIVE PERM TOTAL FT
5621.0	.1			.1	6062		327	7342
5629.0	.1			.1	6062		327	7341
5630.0	.1			.1	6062		327	7341
5631.0	.1			.1	6062		327	7341
5637.0	.1			.1	6062		327	7341
5638.0	.1			.1	6061		327	7341
5640.0	.2			.2	6061		327	7341
5641.0	.5			.5	6061		327	7341
5642.0	.1			.1	6061		327	7340
5646.0	.1			.1	6060		327	7340
5652.0	.1			.1	6060		327	7340
5655.0	.1			.1	6060		327	7340
5656.0	.4			.4	6060		327	7340
5657.0	.1			.1	6060		327	7339
5659.0	.1			.1	6060		327	7339
5664.0	.1			.1	6060		327	7339
5665.0	.2			.2	6059		327	7339
5666.0	.1			.1	6059		327	7339
5675.0	.1			.1	6059		327	7339
5680.0	.1			.1	6059		327	7339
5681.0	1.9			1.9	6059		327	7338
5682.0	.5			.5	6057		327	7336
5683.0	.1			.1	6057		327	7336
5684.0	.7			.7	6056		327	7336
5685.0	.1			.1	6056		327	7336
5686.0	1.1			1.1	6056		327	7336
5687.0	3.0			3.0	6054		327	7334
5688.0	.6			.6	6051		327	7331
5689.0	.1			.1	6051		327	7330
5690.0	2.4			2.4	6050		327	7330
5691.0	.3			.3	6048		327	7327
5692.0	.3			.3	6047		327	7327
5693.0	.5			.5	6047		327	7327
5694.0	.6			.6	6046		327	7326

DEPTH	PERM OIL MD	PERM GAS MD	PERM WATER MD	PERM TOTAL MD	CUMULATIVE PERM OIL FT	CUMULATIVE PERM GAS FT	CUMULATIVE PERM WATER FT	CUMULATIVE PERM TOTAL FT
5697.0	.2			.2	6046		327	7326
5698.0	.5			.5	6046		327	7325
5699.0	.1			.1	6045		327	7325
5702.0	.2			.2	6045		327	7325
5704.0	1.0			1.0	6045		327	7325
5705.0	.3			.3	6044		327	7324
5706.0	.2			.2	6044		327	7323
5707.0	.7			.7	6044		327	7323
5708.0	1.0			1.0	6043		327	7322
5709.0	.8			.8	6042		327	7322
5710.0	3.8			3.8	6041		327	7321
5711.0	.8			.8	6038		327	7318
5712.0	.2			.2	6038		327	7317
5713.0	.7			.7	6037		327	7317
5714.0	1.6			1.6	6037		327	7316
5715.0	.7			.7	6035		327	7314
5716.0	.2			.2	6034		327	7313
5717.0	1.9			1.9	6033		327	7313
5718.0	.3			.3	6031		327	7311
5719.0	.3			.3	6031		327	7311
5720.0	2.3			2.3	6030		327	7310
5725.0	.2			.2	6029		327	7308
5726.0	.1			.1	6028		327	7308
5727.0	3.2			3.2	6028		327	7307
5730.0	.4			.4	6026		327	7305
5731.0	.8			.8	6025		327	7305
5732.0	1.7			1.7	6024		327	7304
5733.0	1.1			1.1	6023		327	7302
5734.0	1.0			1.0	6022		327	7301
5735.0	1.2			1.2	6021		327	7300
5736.0	.5			.5	6020		327	7299
5743.0	.1			.1	6019		327	7299
5745.0	.1			.1	6019		327	7299
5749.0	.4			.4	6019		327	7299
5750.0	.4			.4	6019		327	7298
5751.0	.3			.3	6018		327	7298

DEPTH	PERM OIL MD	PERM GAS MD	PERM WATER MD	PERM TOTAL MD	CUMULATIVE PERM OIL FT	CUMULATIVE PERM GAS FT	CUMULATIVE PERM WATER FT	CUMULATIVE PERM TOTAL FT
5752.0	.3			.3	6018		327	7298
5753.0	1.3			1.3	6018		327	7297
5754.0	2.2			2.2	6016		327	7296
5755.0	1.2			1.2	6015		327	7294
5756.0	.6			.6	6014		327	7294
5757.0	1.0			1.0	6013		327	7293
5758.0	1.9			1.9	6012		327	7292
5759.0	.1			.1	6011		327	7291
5762.0	.7			.7	6011		327	7291
5763.0	11.1			11.1	6009		327	7289
5764.0	12.5			12.5	5998		327	7277
5765.0	2.1			2.1	5989		327	7268
5766.0	.3			.3	5987		327	7267
5781.0	.3			.3	5987		327	7266
5782.0	.6			.6	5986		327	7266
5800.0	19.8			24.6	5985		327	7264
5801.0	1.8			1.8	5953		327	7226
5803.0	4.8			4.8	5951		327	7224
5804.0	.6			.6	5948		327	7221
5819.0	.2			.2	5948		327	7221
5820.0	2.7			3.0	5946		327	7219
5823.0	.3			.3	5944		327	7217
5830.0			.2	.2	5944		327	7217
5831.0			.4	.4	5944		327	7217
5832.0			2.9	5.1	5944		327	7216
5833.0	2.2		4.1	26.3	5944		323	7206
5834.0	17.3		6.1	94.3	5940		319	7176
5835.0	8.8		2.2	42.1	5920		314	7074
5836.0			.3	.3	5916		312	7052
5837.0			.1	.1	5916		312	7052
5839.0			.7	.8	5916		312	7052
5840.0	.1		1.3	4.4	5915		311	7049
5841.0	.3		1.7	6.7	5915		310	7045
5842.0	.8		1.4	9.1	5915		308	7036
5843.0			1.2	1.5	5914		307	7029
5844.0			1.5	1.7	5914		306	7028

DEPTH	PERM OIL MD	PERM GAS MD	PERM WATER MD	PERM TOTAL MD	C U M U A T V E	PERM OIL FT	PERM GAS FT	PERM WATER FT	PERM TOTAL FT
5845.0	.1		1.8	5.5		5914		304	7024
5846.0	.6		2.0	9.7		5914		302	7018
5847.0	80.4		10.0	300.3		5909		300	6989
5848.0	135.2		16.5	501.0		5796		287	6578
5849.0	15.4		7.6	96.4		5715		274	6257
5850.0			16.4	16.4		5705		268	6189
5851.0			3.8	3.8		5705		256	6178
7797.0	11.6			11.6		5703		254	6174
7798.0	11.5			11.5		5691		254	6161
7799.0	1.0			1.0		5683		254	6154
7800.0	.4			.4		5683		254	6153
7801.0	3.0			3.0		5682		254	6152
7802.0	3.1			3.1		5679		254	6150
7803.0	1.2			1.2		5677		254	6148
7804.0	12.1			12.1		5675		254	6145
7805.0	31.2			31.2		5658		254	6129
7806.0	36.9			36.9		5629		254	6099
7807.0	46.8			46.8		5589		254	6059
7808.0	4.5			4.5		5551		254	6022
7809.0	.5			.5		5549		254	6019
7810.0	6.5			6.5		5547		254	6017
7811.0	3.8			3.8		5537		254	6008
7812.0	1.8			1.8		5534		254	6005
7813.0	.7			.7		5532		254	6003
7814.0	.5			.5		5532		254	6002
7815.0	.3			.3		5531		254	6002
7816.0	.1			.1		5531		254	6002
7819.0	.1			.1		5531		254	6002
7824.0	.1			.1		5531		254	6002
7827.0	4.7			4.7		5531		254	6001
7828.0	15.7			15.7		5508		254	5978
7829.0	3.8			3.8		5500		254	5970
7830.0	4.5			4.5		5498		254	5968
7831.0	.5			.5		5495		254	5966
7832.0	1.1			1.1		5494		254	5964
7833.0	.1			.1		5492		254	5963
7837.0	.2			.2		5492		254	5963
7838.0	.5			.5		5492		254	5962
7839.0	.1			.1		5491		254	5962

DEPTH	PERM OIL MD	PERM GAS MD	PERM WATER MD	PERM TOTAL MD	C U M U PERM OIL FT	PERM GAS FT	A T V E PERM WATER FT	PERM TOTAL FT
7840.0	.3			.3	5491		254	5962
7841.0	.1			.1	5491		254	5962
7842.0	.1			.1	5491		254	5961
7843.0	.1			.1	5491		254	5961
7844.0	.7			.7	5491		254	5961
7845.0	.3			.3	5490		254	5960
7847.0	.5			.5	5490		254	5960
7848.0	.1			.1	5489		254	5960
7853.0	.1			.1	5489		254	5960
7854.0	.1			.1	5489		254	5960
7855.0	.1			.1	5489		254	5959
7856.0	.3			.3	5489		254	5959
7857.0	.1			.1	5489		254	5959
7858.0	2.8			2.8	5489		254	5959
7859.0	3.3			3.3	5486		254	5957
7860.0	4.0			4.0	5484		254	5954
7861.0	1.5			1.5	5481		254	5952
7862.0	2.9			2.9	5480		254	5951
7863.0	6.2			6.2	5478		254	5948
7864.0	2.0			2.0	5473		254	5944
7865.0	1.4			1.4	5472		254	5942
7866.0	4.2			4.2	5468		254	5939
7867.0	3.3			3.3	5463		254	5934
7868.0	7.0			7.0	5459		254	5930
7869.0	3.7			3.7	5453		254	5924
7870.0	1.2			1.2	5450		254	5920
7871.0	4.1			4.1	5448		254	5919
7872.0	15.2			15.2	5436		254	5907
7873.0	2.0			2.0	5426		254	5897
7874.0	7.5			7.5	5423		254	5894
7875.0	21.2			21.2	5413		254	5884
7876.0	20.6			20.6	5391		254	5862
7877.0	2.9			2.9	5377		254	5847
7878.0	1.3			1.3	5375		254	5845
7879.0	8.5			8.5	5372		254	5843
7880.0	14.0			14.0	5363		254	5834
7881.0	2.3			2.3	5353		254	5823
7882.0	.8			.8	5351		254	5821
7883.0	6.9			6.9	5349		254	5819
7884.0	22.7			22.7	5338		254	5809
7885.0	13.3			13.3	5322		254	5792
7886.0	7.3			7.3	5310		254	5780

DEPTH	PERM OIL MD	PERM GAS MD	PERM WATER MD	PERM TOTAL MD	C U M U PERM OIL FT	PERM GAS FT	A T PERM WATER FT	V E PERM TOTAL FT
7887.0	11.9			11.9	5301		254	5772
7888.0	11.4			11.4	5288		254	5759
7889.0	72.5			72.5	5265		254	5736
7890.0	101.5			101.5	5152		254	5622
7891.0	33.1			33.1	5059		254	5529
7892.0	49.2			49.2	5019		254	5490
7893.0	15.0			15.0	4975		254	5445
7894.0	4.3			4.3	4965		254	5436
7895.0	15.3			15.3	4960		254	5431
7896.0	41.9			41.9	4942		254	5413
7897.0	72.3			72.3	4895		254	5365
7898.0	101.5			101.5	4825		254	5296
7899.0	196.2			196.2	4689		254	5160
7900.0	51.2			51.2	4519		254	4989
7901.0	2.0			2.0	4488		254	4958
7902.0	.5			.5	4487		254	4957
7903.0	.8			.8	4486		254	4956
7904.0	2.6			2.6	4485		254	4955
7905.0	2.1			2.1	4481		254	4952
7906.0	5.0			5.0	4480		254	4950
7907.0	5.0			5.0	4475		254	4945
7908.0	.9			.9	4471		254	4942
7909.0	.1			.1	4471		254	4941
7910.0	.1			.1	4471		254	4941
7911.0	3.2			3.2	4470		254	4940
7912.0	14.1			14.1	4464		254	4938
7913.0	92.8			92.8	4433		254	4903
7914.0	38.4			38.4	4341		254	4811
7915.0	21.5			21.5	4308		254	4778
7916.0	55.0			55.0	4276		254	4747
7917.0	26.9			26.9	4225		254	4696
7918.0	4.6			4.6	4208		254	4678
7919.0	5.7			5.7	4203		254	4674
7920.0	4.4			4.4	4199		254	4670
7921.0	4.7			4.7	4196		254	4667
7922.0	5.6			5.6	4190		254	4661
7923.0	6.6			6.6	4183		254	4654
7924.0	17.9			17.9	4173		254	4644
7925.0	37.9			37.9	4148		254	4619
7926.0	18.7			18.7	4117		254	4587
7927.0	13.6			13.6	4099		254	4569
7928.0	13.8			13.8	4085		254	4556
7929.0	2.7			2.7	4075		254	4545
7930.0	1.7			1.7	4073		254	4544

DEPTH	PERM OIL MD	PERM GAS MD	PERM WATER MD	PERM TOTAL MD	CUMULATIVE PERM OIL FT	CUMULATIVE PERM GAS FT	AT PERM WATER FT	VE PERM TOTAL FT
7931.0	24.1			24.1	4070		254	4540
7932.0	15.4			15.4	4044		254	4515
7933.0	.7			.7	4035		254	4506
7934.0	2.4			2.4	4034		254	4505
7935.0	32.8			32.8	4028		254	4498
7936.0	19.7			19.7	3996		254	4466
7937.0	19.5			19.5	3979		254	4449
7938.0	35.7			35.7	3950		254	4421
7939.0	31.5			31.5	3910		254	4380
7940.0	5.9			5.9	3886		254	4356
7941.0	1.3			1.3	3882		254	4352
7942.0	6.7			6.7	3880		254	4351
7943.0	20.9			20.9	3868		254	4338
7944.0	3.4			3.4	3855		254	4325
7945.0	4.2			4.2	3852		254	4322
7946.0	.5			.5	3848		254	4318
7948.0	.3			.3	3848		254	4318
7949.0	.3			.3	3847		254	4317
7950.0	1.6			1.6	3846		254	4317
7951.0	3.0			3.0	3843		254	4314
7952.0	.7			.7	3841		254	4311
7953.0	.4			.4	3840		254	4310
7954.0	.5			.5	3839		254	4309
7959.0	1.0			1.0	3838		254	4309
7960.0	.8			.8	3837		254	4308
7961.0	1.9			1.9	3836		254	4307
7962.0	.3			.3	3835		254	4306
7963.0	.2			.2	3835		254	4305
7964.0	.2			.2	3835		254	4305
7965.0	2.9			2.9	3834		254	4305
7966.0	53.0			53.0	3818		254	4288
7967.0	15.2			15.2	3786		254	4236
7968.0	.4			.4	3757		254	4227
7969.0	.3			.3	3757		254	4227
7970.0	.8			.8	3756		254	4227
7971.0	2.2			2.2	3756		254	4226
7972.0	12.0			12.0	3753		254	4224
7973.0	1.5			1.5	3744		254	4214
7976.0	.3			.3	3743		254	4214
7979.0	.4			.4	3743		254	4213

DEPTH	PERM OIL MD	PERM GAS MD	PERM WATER MD	PERM TOTAL MD	PERM OIL FT	PERM GAS FT	PERM WATER FT	PERM TOTAL FT
7980.0	.1			.1	3742		254	4213
7981.0	.1			.1	3742		254	4213
7982.0	.1			.1	3742		254	4213
7983.0	2.4			2.4	3742		254	4212
7984.0	.7			.7	3740		254	4211
7985.0	3.6			3.6	3739		254	4209
7986.0	3.3			3.3	3736		254	4206
7987.0	8.5			8.5	3732		254	4203
7988.0	16.4			16.4	3723		254	4194
7989.0	14.3			14.3	3706		254	4177
7990.0	5.4			5.4	3692		254	4162
7991.0	1.4			1.4	3687		254	4157
7992.0	.1			.1	3686		254	4156
7993.0	.2			.2	3686		254	4156
7994.0	1.1			1.1	3685		254	4156
7997.0	.4			.4	3685		254	4155
7998.0	.1			.1	3684		254	4155
7999.0	.2			.2	3684		254	4155
8000.0	.3			.3	3684		254	4154
8001.0	.3			.3	3684		254	4154
8002.0	.5			.5	3683		254	4154
8003.0	.1			.1	3683		254	4154
8004.0	.3			.3	3683		254	4154
8005.0	.8			.8	3683		254	4153
8006.0	7.5			7.5	3681		254	4152
8007.0	26.9			26.9	3673		254	4143
8008.0	2.3			2.3	3654		254	4124
8009.0	.3			.3	3652		254	4123
8010.0	.1			.1	3652		254	4122
8012.0	.2			.2	3652		254	4122
8013.0	.2			.2	3652		254	4122
8014.0	3.4			3.4	3651		254	4122
8015.0	8.1			8.1	3646		254	4116
8016.0	5.4			5.4	3638		254	4108
8017.0	7.8			7.8	3632		254	4103
8018.0	22.3			22.3	3622		254	4092
8019.0	188.2			188.2	3583		254	4053
8020.0	266.5			266.5	3303		254	3774
8021.0	99.9			99.9	3094		254	3565
8022.0	102.9			102.9	2966		254	3436
8023.0	15.5			15.5	2883		254	3353
8024.0	5.1			5.1	2871		254	3341

	C U M U					A T		V E	
DEPTH	PERM	PERM	PERM	PERM	PERM	PERM	PERM	PERM	PERM
	OIL	GAS	WATER	TOTAL	OIL	GAS	WATER	TOTAL	
FT	MD	MD	MD	MD	FT	FT	FT	FT	

8025.0	43.6			43.6	2862		254	3333	
8026.0	90.9			90.9	2792		254	3262	
8027.0	29.2			29.2	2718		254	3188	
8028.0	23.4			23.4	2690		254	3160	
8029.0	28.6			28.6	2658		254	3128	
8030.0	9.8			9.8	2629		254	3099	
8031.0	1.1			1.1	2621		254	3092	
8032.0	.4			.4	2621		254	3091	
8033.0	3.0			3.0	2619		254	3090	
8034.0	7.5			7.5	2615		254	3085	
8035.0	55.6			55.6	2595		254	3066	
8036.0	77.7			77.7	2540		254	3011	
8037.0	37.9			37.9	2486		254	2937	
8038.0	6.7			6.7	2442		254	2912	
8039.0	14.5			14.5	2435		254	2906	
8040.0	27.1			27.1	2421		254	2891	
8041.0	38.0			38.0	2392		254	2863	
8042.0	116.5			116.5	2334		254	2804	
8043.0	94.5			94.5	2206		254	2676	
8044.0	19.4			19.4	2142		254	2613	
8045.0	137.9			137.9	2114		254	2584	
8046.0	375.8			375.8	1932		254	2403	
8047.0	196.0			196.0	1617		254	2087	
8048.0	118.1			118.1	1477		254	1947	
8049.0	150.5			150.5	1334		254	1805	
8050.0	22.0			22.0	1221		254	1691	
8051.0	2.9			2.9	1206		254	1676	
8052.0	59.3			59.3	1200		254	1670	
8053.0	244.2			244.2	1070		254	1541	
8054.0	77.7			77.7	895		254	1365	
8055.0	103.7			103.7	814		254	1285	
8056.0	9.5			9.5	734		254	1204	
8057.0	.2			.2	728		254	1199	
8058.0	.1			.1	728		254	1199	
8059.0	12.5			12.5	727		254	1198	
8060.0	1.2			1.2	714		254	1185	
8061.0	.5			.5	713		254	1184	
8062.0	40.6			40.6	708		254	1178	
8063.0	10.4			10.4	672		254	1142	
8064.0	14.5			14.5	658		254	1128	
8065.0	1.5			1.5	646		254	1116	
8066.0	1.2			1.2	645		254	1115	
8067.0	2.4			2.4	642		254	1113	
8068.0	1.2			1.2	640		254	1111	

DEPTH	PERM OIL MD	PERM GAS MD	PERM WATER MD	PERM TOTAL MD	CUMULATIVE PERM OIL FT	CUMULATIVE PERM GAS FT	PERM WATER FT	PERM TOTAL FT
8069.0	21.5			21.5	636		254	1107
8070.0	33.0			33.0	596		254	1066
8071.0	8.5			8.5	572		254	1042
8072.0	20.5			20.5	561		254	1031
8073.0	87.5			87.5	527		254	998
8074.0	16.6			16.6	493		254	923
8075.0	1.8			1.8	442		254	912
8076.0	2.9			2.9	440		254	910
8077.0	21.9			21.9	433		254	903
8078.0	7.2			7.2	409		254	880
8081.0	.2			.2	406		254	876
8082.0	12.9			12.9	404		254	875
8083.0	21.4			21.4	391		254	861
8084.0	.8			.8	378		254	849
8085.0	.1			.1	378		254	848
8087.0	.1			.1	378		254	848
8092.0	.9			.9	378		254	848
8093.0	4.7			4.7	377		254	847
8094.0	7.8			7.8	373		254	843
8095.0	5.0			5.0	367		254	838
8096.0	4.9			4.9	361		254	831
8097.0	3.4			3.4	354		254	824
8098.0	.4			.4	350		254	820
8099.0	.4			.4	350		254	820
8100.0	.9			.9	349		254	819
8101.0	.1			.1	348		254	819
8102.0	.2			.2	348		254	819
8103.0	1.8			1.8	348		254	818
8104.0	1.8			1.8	347		254	817
8105.0	.8			.8	346		254	816
8106.0	.9			.9	344		254	815
8107.0	.2			.2	344		254	814
8108.0	.1			.1	344		254	814
8110.0	.1			.1	343		254	814
8111.0	.1			.1	343		254	814
8112.0	.3			.3	343		254	814
8113.0	.4			.4	343		254	813
8114.0	.1			.1	343		254	813
8115.0	.4			.4	342		254	813
8116.0	1.1			1.1	342		254	812

DEPTH	PERM OIL MD	PERM GAS MD	PERM WATER MD	PERM TOTAL MD	PERM OIL FT	PERM GAS FT	PERM WATER FT	PERM TOTAL FT
8117.0	.7			.7	341		254	812
8118.0	1.0			1.0	341		254	811
8119.0	14.0			14.0	337		254	808
8120.0	.3			.3	329		254	800
8121.0	.2			.2	329		254	799
8122.0	3.3			3.3	328		254	799
8123.0	4.1			4.1	325		254	795
8124.0	3.7			3.7	320		254	791
8125.0	1.7			1.7	318		254	788
8126.0	.2			.2	316		254	787
8127.0	.9			.9	316		254	787
8128.0	.1			.1	315		254	786
8129.0	.1			.1	315		254	785
8130.0	7.0			7.0	314		254	785
8131.0	24.3			24.3	299		254	769
8132.0	13.4			13.4	278		254	748
8133.0	4.9			4.9	264		254	734
8134.0	.1			.1	261		254	731
8137.0	.1			.1	261		254	731
8153.0	.1			.1	261		254	731
8217.0	1.0			1.0	260		254	731
8218.0	.1			.1	259		254	730
8219.0	.1			.2	259		254	730
8222.0	.1			.1	259		254	729
8228.0	.1			.1	259		254	729
8229.0	.2			.2	259		254	729
8230.0	.8			.8	259		254	729
8231.0	.2			.2	257		254	728
8251.0	.4			.4	257		254	727
8252.0	1.0			1.0	256		254	726
8253.0	.3			.3	255		254	725
8256.0	.1			.1	255		254	725
8257.0	.4			.4	255		254	725
8269.0			.3	.7	255		254	725
8270.0	.1		1.1	1.1	255		254	723
8271.0	.1		1.1	1.1	254		252	716

DEPTH	PERM OIL MD	PERM GAS MD	PERM WATER MD	PERM TOTAL MD	PERM OIL FT	PERM GAS FT	PERM WATER FT	PERM TOTAL FT
8272.0			.2	.4	254		252	714
8273.0	.1			.2	254		251	713
8274.0	.4			.4	254		251	713
8278.0	.1			.5	253		251	713
8279.0				.1	253		251	712
8280.0	.5			.7	253		251	712
8281.0	.6			.6	253		251	712
8282.0	3.9			3.9	252		251	710
8283.0	.9			.9	249		251	708
8284.0	1.0			1.0	248		251	707
8285.0	.2			.2	247		251	706
8294.0			.7	.9	247		251	706
8295.0			.8	1.3	247		250	704
8300.0	.1		.2	1.2	247		250	703
8301.0			.1	.1	247		250	702
8302.0			.1	.1	247		249	702
8303.0			.3	1.0	247		249	702
9300.0			34.6	38.0	247		247	699
9301.0	3.1		37.3	116.7	246		201	611
9302.0	.1		27.5	42.0	245		167	528
9303.0			27.0	32.9	244		139	490
9304.0			17.5	17.8	244		116	464
9305.0			7.1	7.1	244		101	449
9306.0			3.4	3.4	244		96	444
9307.0			4.8	4.8	244		93	441
9308.0			9.9	9.9	244		88	436
9309.0			4.3	4.3	244		77	425
9310.0			.5	.5	244		74	422
9311.0			2.3	2.3	244		73	421
9312.0			.1	.1	244		72	419
9313.0			.1	.1	244		72	419
9314.0			.2	.2	244		71	419
9315.0			.3	.3	244		71	419
9316.0			.1	.1	244		71	418
9317.0			.6	.6	244		71	418
9318.0			1.5	1.5	244		70	418
9319.0			.3	.3	244		69	416
9320.0			.1	.1	244		69	416
9321.0			.2	.2	244		69	416

DEPTH	PERM OIL MD	PERM GAS MD	PERM WATER MD	PERM TOTAL MD	CUMULATIVE PERM OIL FT	CUMULATIVE PERM GAS FT	CUMULATIVE PERM WATER FT	CUMULATIVE PERM TOTAL FT
9324.0			1.7	1.7	244		68	416
9325.0			1.1	1.1	244		66	423
9326.0			.3	.3	244		65	412
9327.0			.3	.3	244		65	412
9330.0			1.9	1.9	244		64	412
9331.0			4.0	4.1	244		61	408
9332.0			5.4	5.6	244		56	402
9333.0			3.3	3.3	244		50	396
9334.0			.3	.3	244		48	394
9335.0			.1	.1	244		47	394
9336.0			.2	.2	244		47	394
9337.0			.1	.1	244		47	393
9338.0			.1	.1	244		47	393
9340.0			.3	.3	244		47	393
9341.0			.9	.9	244		46	392
9342.0			.3	.3	244		45	392
9343.0			.2	.2	244		45	391
9344.0			1.0	1.0	244		44	391
9345.0			.9	.9	244		43	389
9346.0			.4	.4	244		42	389
9350.0			6.7	7.1	244		41	388
9351.0			.9	.9	244		37	383
9354.0			.1	.1	244		36	383
9355.0			.7	.7	244		36	382
9356.0			1.3	1.3	244		34	380
9357.0			.1	.1	244		34	380
9358.0			.1	.1	244		34	380
9359.0			.2	.2	244		33	380
9360.0			.7	2.1	244		33	379
9361.0			.4	.4	244		32	378
9362.0			.2	.2	244		32	377
9363.0			.5	.5	244		32	377
9364.0			.9	1.5	244		31	376
9365.0			.4	.4	244		30	374
9366.0			.7	1.2	244		30	374
9370.0	.1		.2	.9	244		29	372
9371.0			1.0	1.0	244		29	372
9372.0			4.1	4.1	244		27	370
9373.0			15.6	21.6	244		21	364

DEPTH	PERM OIL MD	PERM GAS MD	PERM WATER MD	PERM TOTAL MD	C U M U A T V E PERM OIL FT PERM GAS FT PERM WATER FT PERM TOTAL FT
9374.0	.2		6.2	14.3	244 8 336
9375.0			.1	.1	244 4 328
9379.0	.9			.9	244 4 327
9380.0	5.9			5.9	242 4 325
9381.0	3.8			3.8	235 4 318
9382.0	.7			.7	232 4 316
9383.0	.2			.2	232 4 315
9385.0	.1			.1	231 4 315
9386.0	.3			.3	231 4 315
9387.0	.1			.1	231 4 315
9392.0	.1			.1	231 4 314
9394.0	.3			.3	231 4 314
9395.0	.6			.6	230 4 314
9396.0	.1			.1	230 4 313
9399.0	.1			.1	230 4 313
9401.0	1.7			1.7	229 4 313
9402.0	.7			.7	227 4 311
9403.0	.4			.4	227 4 310
9404.0	.8			.8	226 4 310
9405.0	.2			.2	225 4 309
9406.0	1.9			1.9	225 4 309
9407.0	6.7			6.7	222 4 306
9408.0	.3			.3	218 4 302
9410.0	.3			.3	218 4 301
9411.0	1.4			1.4	217 4 301
9412.0	.1			.1	216 4 300
9413.0	.1			.1	216 4 300
9414.0	.3			.6	216 4 299
9416.0	.2			.8	216 3 299
9417.0	.1			.2	215 3 298
9422.0				.3	215 3 297
9423.0	.6		.1	2.6	215 3 296
9424.0	.3			.7	214 3 294
9432.0	1.7			1.7	214 3 294

DEPTH	PERM OIL MD	PERM GAS MD	PERM WATER MD	PERM TOTAL MD	CUMULATIVE PERM OIL FT	PERM GAS FT	PERM WATER FT	PERM TOTAL FT
9433.0	4.1			4.1	211		3	291
9434.0	.4			.4	208		3	288
9435.0	.4			.4	208		3	288
9443.0	.8			1.8	207		3	287
9444.0	.1			.1	206		3	285
9446.0	.1			.1	206		3	285
9447.0	.6			.6	206		3	285
9448.0	.5			.5	205		3	284
9449.0	.8			.8	205		3	284
9450.0	.1			.1	204		3	283
9451.0	.4			.5	204		3	283
9452.0	.8			1.3	203		3	282
9453.0	.3			.5	203		3	281
9454.0	.9			2.2	203		3	281
9455.0	.3			.6	202		3	279
9465.0				.1	202		3	279
9466.0	.1			.3	201		3	278
9467.0				.1	201		3	278
9468.0	.1		.1	.7	201		3	278
9469.0			.1	.6	201		3	277
9470.0			.1	.5	201		3	277
9471.0			.1	.3	201		3	276
9472.0			.1	.3	201		3	276
9473.0	.3		.1	1.7	201		3	276
9474.0	.1			.3	201		3	274
9478.0	.1			.1	201		3	274
9481.0	.1			.1	201		3	274
9483.0	.1			.1	201		3	274
9484.0	.3			.3	200		3	274
9485.0	.2			.2	200		3	274
9486.0	.1			.1	200		3	273
9490.0	.4			.5	200		3	273
9491.0	1.3			1.6	199		3	272
9492.0	.9			.9	198		3	271
9493.0	.5			.5	197		3	270
9494.0	2.2			2.2	197		3	269
9495.0	5.8			5.8	191		3	263

DEPTH	PERM OIL MD	PERM GAS MD	PERM WATER MD	PERM TOTAL MD	PERM OIL FT	PERM GAS FT	PERM WATER FT	PERM TOTAL FT
9496.0	1.9			1.9	187		3	260
9497.0	2.4			2.4	185		3	257
9512.0	.1			.2	183		3	256
9513.0	6.8			7.6	181		3	254
9514.0	.8			1.1	176		3	247
9517.0	.1			.1	175		3	247
9522.0	.8			.8	175		3	247
9523.0	.5			.5	174		3	246
9524.0	.3			.3	174		3	245
9529.0	.1			.1	174		3	245
9547.0	.5			.5	173		3	245
9558.0	.3			.3	173		3	245
9559.0	13.9			13.9	165		3	236
9566.0	.3			.3	157		3	229
9568.0	.6			.6	157		3	229
9569.0	9.0			9.0	154		3	226
9570.0	.5			.5	148		3	220
9580.0	.3			.3	148		3	220
9581.0	8.2			8.2	147		3	219
9582.0	10.3			10.3	141		3	212
9583.0	2.9			2.9	133		3	205
9584.0	.7			.7	131		3	203
9589.0	.1			.1	131		3	202
9590.0	2.1			2.1	131		3	202
9591.0	21.8			21.8	123		3	194
9592.0	1.8			1.8	108		3	179
9593.0	1.2			1.2	106		3	178
9600.0	7.3			9.1	105		3	177
9601.0	4.5			7.5	91		3	159
9614.0	.6			.6	89		3	155
9615.0	.1			.1	88		3	154

DEPTH	PERM OIL MD	PERM GAS MD	PERM WATER MD	PERM TOTAL MD	CUMULATIVE PERM OIL FT	CUMULATIVE PERM GAS FT	CUMULATIVE PERM WATER FT	CUMULATIVE PERM TOTAL FT
9619.0	.3			.3	88		3	154
9631.0	.9			.9	88		3	153
9632.0	1.9			1.9	86		3	151
9633.0	.1			.1	85		3	150
9635.0	.1			.1	85		3	150
9677.0	.1			.1	84		3	150
9678.0	.6			.6	84		3	150
9679.0	.3			.3	84		3	149
9680.0	.6			.6	83		3	149
9681.0	.2			.2	83		3	148
9683.0	.3			.3	83		3	148
9684.0	.8		.1	2.5	82		3	147
9694.0			.2	.2	81		3	145
9695.0	.4		.2	2.7	81		2	145
9696.0	32.6		.5	69.9	77		2	134
9697.0	6.7		.1	15.4	55		2	86
9698.0	1.9		.1	5.3	51		2	76
9699.0	.8		.1	3.1	49		2	71
9700.0	.1			.1	49		2	69
9714.0	10.3			16.9	48		2	68
9715.0	1.4			2.9	36		1	48
9726.0	3.2			3.2	35		1	46
9727.0	1.8			1.8	31		1	41
9728.0	.1			.1	29		1	40
9730.0	.3			.3	29		1	40
9731.0	5.2			5.2	28		1	39
9737.0	.4			.4	25		1	36
9738.0	11.4			11.4	17		1	28
9739.0	2.2			2.2	8		1	19
9740.0	1.7			1.7	6		1	17
9741.0	1.6			1.6	5		1	16
9742.0	.5			.5	3		1	14
9745.0				.1	3		1	13
9746.0			.1	.1	3		1	13

DEPTH	PERM OIL MD	PERM GAS MD	PERM WATER MD	PERM TOTAL MD	CUMULATIVE PERM OIL FT	CUMULATIVE PERM GAS FT	AT PERM WATER FT	VE PERM TOTAL FT
9749.0				.2	3		1	13
9750.0			.1	.2	3		1	13
9751.0				.3	3		1	12
9779.0	.5			.7	2		1	12
9780.0	.6			1.2	2		1	11
9781.0	.1			.3	1		1	10
9783.0				.1	1		1	10
9784.0	.1		.1	.6	1		1	10
9785.0			.1	.4	1		1	9
9786.0	.1		.1	.6	1		1	9
9787.0			.1	.1	1		1	9
9792.0			.1	.1	1		1	8
9793.0			.1	.5	1		1	8
9794.0	.1		.1	1.1	1		1	8
9795.0	.1		.1	.9	1		1	6
9796.0			.1	.4	1			6
9797.0	.3		.1	1.9	1			5
9798.0	.3		.1	1.7				3
9799.0				.4				1
9800.0				.3				1
9801.0				.1				
9803.0				.1				

COUNTY	TRA	FILED	Wildcat	STATE	NM
APR	AMOCO PRODUCTION CO.			30-025-	API 27769
NO	1	LEASE Federal "BX"			MAP
Sec 14, T18S, R32E					CO-ORD
660 FNL, 1980 FEL of Sec					
14 ml SW/Buckeye					
SPD 4-11-82				CMP	
13 3/8 - 674 - 70024 9 5/8 - 4900 - 2950 SX 5 1/2 - 13,430 - 3270 SX		WELL CLASS: INIT		WD FIN	
		LSE. CODE			
		FORMATION	DATUM	FORMATION	DATUM
TD		PBD			

INDEX *Memo* #10 OPERATES 3825 GL sub-s
 F.R. 2-1-82 RR 6-17-82
 PD 13,300 RT (Morrow) CORL TEMPL

3-31-82 MIRT
4-7-82 RURT
4-15-82 ϕ 2560 anhy & sh
mw 9, vis 28, bit #2 (12 1/4 - OSC 16)
4-23-82 ϕ 4057 anhy & dol
mw 10.1, vis 28, bit #6 (12 1/4 -
J55)
4-30-82 ϕ 5753 dol
mw 9.2, vis 28, bit #7 (8 3/4 - F57)
5-7-82 ϕ 8440 sh & lm
mw 9, vis 28, bit #8 (8 3/4 - F57)
5-14-82 ϕ 10,350 sd, sh, & lm
mw 9.2, vis 28

LC 30-025-70068-82

LEA
AMOCO

Wildcat
1 Federal "BY"
Sec 14, T18S, R32E

NM
Pg 2

5-20-82 ϕ 11,348 sh & lm
mw 9.1, vis 31
Drlg breaks 10,608-616, 11,090-110

6-3-82 ϕ 12,448 lm & sh
mw 9.7, vis 33, bit # 14 (8 3/4 - F5)
Drlg breaks 11,646-658, 12,338-346 w/NS
12,386-397 w/SD, good floor
(not w drlg break)

6-11-82 ϕ 13,311 lm & sh
mw 9.7, vis 34, bit # 15 (8 3/4 - J55R)
Drlg breaks 12,669-673, 13,236-250,
13,254-266

6-18-82 TD 13,430, MORT

6-22-82 TD 13,430; WOCW

7-9-82 TD 13,430; PBD 13,350; Swbg
Perf () 13,226-232,
13,234-238, 13,245-254, 13,265-267,
13,270-272, 13,275-278, 13,282-292,
13,314-317 w/2 SPF
Acid (13,226-317) 5000 gals
Swbd 120 BLW w/SSG in 12 hrs
(13,226-317)

COUNTY LEA

FIELD Wildcat

Copyrighted Reproduction Prohibited

OPR AMOCO PRODUCTION CO.
NO 1 LEASE Federal "BY"

STATE NM
30-025-API 27769

Sec 14, T18S, R32E
660 FNL, 1980 FEL of Sec
14 ml SW/Buckeye

MAP
COORD

SPD 4-11-82

CMP

WELL CLASS: INIT WD FIN

LSE. CODE

FORMATION	DATUM	FORMATION	DATUM
ID			
			PBI

SC
13 3/8-674-70004
9 5/8-4900-2950 SX
5 1/2-13,430-3270 SX

CONTR McVay #10

F.R. 2-1-82

OPRSELF 3825 GL

sub-s

PD 13,300 RT (Morrow)

RR 6-17-82

- 3-31-82 MIRT
- 4-7-82 RURT
- 4-15-82 ϕ 2560 anhy & sh
mw 9, vis 28, bit #2 (12 1/4 - OSC 1G)
- 4-23-82 ϕ 4057 anhy & dol
mw 10.1, vis 28, bit #6 (12 1/4 - J55)
- 4-30-82 ϕ 5753 dol
mw 9.2, vis 28, bit #7 (8 3/4 - F57)
- 5-7-82 ϕ 8440 sh & lm
mw 9, vis 28, bit #8 (8 3/4 - F57)
- 5-14-82 ϕ 10,350 sd, sh, & lm
mw 9.2, vis 28

IC 30-025-70068-82

LEA
AMOCO

Wildcat
1 Federal "BY"
Sec 14, T18S, R32E

NM
Pg 2

5-20-82 ϕ 11,348 sh & lm
mw 9.1, vis 31
Drlg breaks 10,608-616, 11,090-110

6-3-82 ϕ 12,448 lm; sh
mw 9.7, vis 33, bit # 14 (8 3/4 - 15)
Drlg breaks 11,646-658, 12,238-246 w/NS
12,386-397 w/SD, good floor
(not a drlg break)

6-11-82 ϕ 13,311 lm; sh
mw 9.7, vis 34, bit # 15 (8 3/4 - 155R)
Drlg breaks 12,669-673, 13,236-250,
13,254-266

6-18-82 TD 13,430; MORT

6-22-82 TD 13,430; WOCW

COUNTY	LEA	FIELD	Wildcat	STATE	NM
OPR	AMOCO PRODUCTION CO.		30-025- API 27769		
NO	1	LEASE	Federal "BX"	MAP	
Sec 14, T18S, R32E			CO-ORD		
660 ENL, 1980 FEL of Sec					
14 mi SW/Buckeye			SPD	4-11-82	CMP
SC	13 ³ / ₈ -674-70024		WELL CLASS: INIT WD FIN LSE. CODE		
	95 ⁸ / ₈ -4900-29505x		FORMATION	DATUM	FORMATION DATUM
	5 ¹ / ₂ -13,430-32708x				
			TD	PBD	

CONTR	McVay #10	OPRS LLEV	3825 GL	sub-s
	F.R. 2-1-82			RR 6-17-82
	PD 13,300 RT (Morrow)			

3-31-82 MIRT
 4-7-82 RURT
 4-15-82 ϕ 2560 anhy & sh
 mw 9, vis 28, bit #2 (12¹/₄-OSC16)
 4-23-82 ϕ 4057 anhy & dolo
 mw 10.1, vis 28, bit #6 (12¹/₄-
 J55)
 4-30-82 ϕ 5753 dolo
 mw 9.2, vis 28, bit #7 (8³/₄-F57)
 5-7-82 ϕ 8440 sh & lm
 mw 9, vis 28, bit #8 (8³/₄-F57)
 5-14-82 ϕ 10,350 sd, sh, & lm
 mw 9.2, vis 28

LEA
AMOCO

Wildcat
1 Federal "BY"
Sec 14, T18S, R32E

NM
Pg 2

5-20-82 ϕ 11,348 sh & lm
mw 9.1, vis 31
Drlg breaks 10608-616, 11,090-110

6-3-82 ϕ 12,448 lm & sh
mw 9.7, vis 33, bit # 14 (8 3/4 - F5)
Drlg breaks 11,646-658, 12,338-346 w/NS
12,386-397 w/SD, good floor
(not a drlg break)

6-11-82 ϕ 13,311 lm & sh
mw 9.7, vis 34, bit # 15 (8 3/4 - ISSR)
Drlg breaks 12,669-673, 13,236-250,
13,254-266

6-18-82 TD 13,430; MORT