

M U D S U M M A R Y

WELL = 1/2-1
 FIELD = PAT
 DIVISION = D REGION = D
 APIWELL =

KEY = IN00047 000001

RIG = ROSS ISLE
 AREACODE = 50 SUB-DISTRICT = 47 PHILLIPS-OP = Y
 ACTIVITY = D WELL CLASS = E WELL TYPE = M

DATE	PTD	DLY CST	MW	VIS	PV	YP	GELS	PH	FL/FC	HT/HP	ALK	CL-PPM	TH	PCT SAND	PCT SOLID	PCT OIL	PCT WATER	CEC	FL TEM	
21MAR89	561	13773	8.7	100																
22MAR89	561	1482	8.7	100																
23MAR89	916	78250	8.7	100																
24MAR89	1790	5103	8.7	100																
25MAR89	1790	906	8.7	100																
26MAR89	2131	0	8.7	100	0	0	0/0	0	0	/0	0	0	0	0	0	0	0	0	0	
27MAR89	1850	4085	8.7	100	0	0	0/0	0	0	/0	0	0	0	0	0	0	0	0	0	
28MAR89	2127	.	8.7	100																
29MAR89	2127	2685	8.7	47				10.6												
30MAR89	2137	0	8.8	47	14	12	6/11	10.6												
31MAR89	3927	3262	9.7	38	62	4	22/27	8.5												
01APR89	5023	18805	12.0	37	9	30	27/29	8.0												
02APR89	5023	5333	12.0	38	8	34	28/30	8.0												
03APR89	5023	25245	12.0	39	35	8	29/30	8.0												
04APR89	5023	29205	12.0	61	21	7	1/3	8.9	4.8	/2	0	0.1	18000	1200	0.01	13.2				
05APR89	5850	26256	12.0	61	20	8	2/4	9.6	4.2	/2	0.15	0.7	17000	320	.250	15.0		5	79	
06APR89	7213	32863	12.5	73	23	22	14/34	8.6	4.4	/2	0.05	0.6	18000	720	0.3	17.3		15	104	
07APR89	8215	31318	12.8	62	20	20	8/33	9.1	4.4	/2	0.1	0.5	19000	840	0.5	18.2		12	108	
08APR89	9535	56190	13.2	71	19	23	13/31	8.9i	5	/2	0.05	0.85	19000	800	0.5	19.2		19	129	
09APR89	10006	41065	13.5	54	11	16	11/21	9.2	7.2	/2	0.1	0.7	21000	760	0.6	21		22	139	
10APR89	10027	9937	13.5	54	14	15	8/22	9.2	5.6	/2	0.1	0.8	21000	720	0.4	21		22	119	
11APR89	10027	5577	13.5	69	15	16	9/24	8.9	5.2	/2	0.05	0.7	21000	760	0.4	21		22	66	
12APR89	10027	4180	13.7	45	11	12	6/18	9.2	5.2	/2	0.1	0.8	21000	680	0.6	21		19	111	
13APR89	10027	4105	13.7	51	12	12	6/19	9.3	5.6	/2	0.1	0.7	21000	640	0.6	21.2		20	95	
14APR89	10027	138	13.7	49	13	12	6/25	10.7	6.8	/2	0.4	1.1	21000	320	0.75	21.2		20	91	
15APR89	10027	189	13.7	52	13	10	6/22	10.6	6.4	/2	0.4i	1.1	21000	480	0.75	22		19	86	
16APR89	10200	5861	13.7	56	16	17	9/30	10.8	5.8	/2	0.5	1.4	22000	280	0.6	23		17	115	
17APR89	10211	2973	13.7	62	14	16	8/27	10.8	5.6	/2	0.5	1.3	22000	280	0.75	23		17	102	
18APR89	10235	2688	13.7	62	16	15	8/29	10.5	5.6	/2	0.35	1.15	22000	400	0.50	23.0		77.0	20	93
19APR89	10252	1677	13.7	66	19	17	8/30	10.2	5	/2	0	/0	22000	440	0.40	22.1	0	77.8	20	107
20APR89	10256	184	13.6	72	19	14	7/31	10	4.8	/2	0	/0	22000	480	0.30	23.0	0	77.0	20.0	93
21APR89	10346	1123	13.5	64	20	12	6/34	9.8	4.7	/2	0	/0	22000	520	0.30	24.0	0	76	20	87
22APR89	10368	92	13.4	71	21	14	6/33	9.7	5	/2	0	/0	23000	480	0.30	24.0	0	76.0	20	91
23APR89	10380	4247	13.4	87	18	13	5/34	9.7	4.8	/2	0	/0	23000	480	0.30	24.0	0	76	20	60
24APR89	10380	0	13.4	53	18	12	5/30	9.4	5	/2	0	/0	23000	480	0.30	24.0	0	76.0	18.5	73
25APR89	10380	0	13.4	75	19	12	5/10	9.4	4.9	/2	0	/0	22000	480	0.25	23.0	0	77.0	19.0	75
26APR89	10075	1123	13.4	52	15	10	3/24	11.4	5.2	/2	0	/0	22000	320	0.20	23.0	0	77.0	19.0	104

Table 5 Rate Data

Event	WHP psi	WHT DegF	Choke	GasQ MFSCFD	OilQ STBOPD	GOR SCF/STB	WatQ BWPD
Initial flow	400	55	20/64				1100
1st. Main flow	1106	97	24/64	664	2255	294	0
2nd. Main flow	680	111	40/64	1150	3550	320	0
	585	143	48/64	1360	4200	325	0
	500	157	56/64	1650	4800	344	0
Start of 8 hour period	410	163	64/64	2010	5300	380	0
End of 8 hour period	429	161	64/64	2020	5400	374	0
Monophasic sampling flow	1250	90	24/64	N/A	2700	N/A	0
	1575	92	20/64	555	1771	313	0

Table 5

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	Time hours	WHP psi	WHT DegF	Choke	GasQ MFSCFD	OilQ STBOPD	GOR SCF/STB	WatQ BWPD	BS&W inlet	BS&W outlet	OilQ + WatQ
Water sampling flow	01:30	779	140	40/64	1090	3920	280	435	10 %	4 %	4355
	03:00	794	152	40/64	1240	3207	380	800	20 %	20 %	4007
	03:30	797	155	40/64	1226	2758	445	1182	31 %	30 %	3940
	04:00	804	159	40/64	1283	2689	477	1266	32 %	32 %	3955
	04:30	805	160	40/64	1317	2683	491	1263	N/A	N/A	3946
	05:00	807	162	40/64	1193	2716	439	1278	N/A	N/A	3994