

JARRIEL SERVICES, INC.

POST OFFICE BOX 1654

PHONE 505 393-5396

HOBBS, NEW MEXICO 88240

RECEIVED

MAY 1 1980

MIDLAND

COMPANY: Pogo Production Company

WELL: Pogo State, No. 1 M-2-21-28

FIELD: Indesignated - Morrow

CHRONOLOGICAL PRESSURE DATA

DATE	STATUS OF WELL	TIME	ELAPSED TIME HRS.	MIN.	SURFACE PRESSURE TBG	CSG	BHP @ (-8806) 11828'	12141' PSI
1980								
4-24	Swabbed & Open. Run Tandem Bombs & Set Bombs off @ 11828' Well Shut in	3:30 PM	-	-	0	PKR	1360	1503
	Shut in	4:00	0	30			1360	1503
	"	4:15	0	15	-	-	1374	1518
	"	4:30	0	30	-	-	1401	1545
	"	5:00	1	00	-	-	1450	1594
	"	6:00	2	00	-	-	1523	1667
	"	7:00	3	00	-	-	1617	1761
	"	8:00	4	00	-	-	1698	1842
	"	9:00	5	00	-	-	1766	1910
	"	10:00	6	00	-	-	1838	1982
	"	11:00	7	00	-	-	1910	2054
	"	12:00 MN	8	00	-	-	1973	2117
1-25	"	1:00 AM	9	00	-	-	2045	2189
	"	2:00	10	00	-	-	2098	2242
	"	3:00	11	00	-	-	2161	2305
	"	4:00	12	00	-	-	2223	2367
	"	5:00	13	00	-	-	2277	2421
	"	6:00	14	00	-	-	2317	2461
	"	7:00	15	00	-	-	2371	2515
	"	8:00	16	00	-	-	2424	2568
	"	9:00	17	00	-	-	2469	2613
	"	10:00	18	00	-	-	2518	2662
	"	11:00	19	00	-	-	2567	2711
	"	12:00 N	20	00	-	-	2612	2756
	"	1:00 PM	21	00	-	-	2652	2796
	"	2:00	22	00	-	-	2688	2832
	"	3:00	23	00	-	-	2723	2867
	"	4:00	24	00	-	-	2759	2903
	"	5:00	25	00	-	-	2786	2930
	"	6:00	26	00	-	-	2813	2957
	"	7:00	27	00	-	-	2839	2983
	"	8:00	28	00	-	-	2866	3010
	"	9:00	29	00	-	-	2897	3041
	"	10:00	30	00	-	-	2920	3064
	"	11:00	31	00	-	-	2938	3082
	"	12:00 MN	32	00	-	-	2955	3099
4-26	"	1:00 AM	33	00	-	-	2973	3117
	"	2:00	34	00	-	-	2987	3131
	"	3:00	35	00	-	-	3004	3148
	"	4:00	36	00	-	-	3018	3162
	"	5:00	37	00	-	-	3036	3180

WELL: Pogo State. . 1
 PAGE: 2

DATE	STATUS OF WELL	TIME	ELAPSED TIME		SURFACE PRESSURE		BHP @ (-8806)	
			HRS.	MIN.	TBG	CSG	11828'	12141'PS
	Shut in	6:00	38	00	-	-	3045	3189
	"	7:00	39	00	-	-	3054	3198
	"	8:00	40	00	-	-	3063	3207
	"	9:00	41	00	-	-	3076	3220
	"	10:00	42	00	-	-	3085	3229
	"	11:00	43	00	-	-	3094	3238
	"	12:00 N	44	00	-	-	3098	3242
	"	1:00 PM	45	00	-	-	3103	3247
	"	2:00	46	00	-	-	3112	3256
	"	3:00	47	00	-	-	3116	3260
	"	4:00	48	00	-	-	3125	3269
	"	5:00	49	00	-	-	3129	3273
	"	6:00	50	00	-	-	3134	3278
	"	7:00	51	00	-	-	3138	3282
	"	8:00	52	00	-	-	3147	3291
	"	9:00	53	00	-	-	3147	3291
	"	10:00	54	00	-	-	3156	3300
	"	11:00	55	00	-	-	3156	3300
4 17	"	12:00 MN	56	00	-	-	3161	3305
	"	1:00 AM	57	00	-	-	3165	3309
	"	2:00	58	00	-	-	3165	3309
	"	3:00	59	00	-	-	3170	3314
	"	4:00	60	00	-	-	3174	3318
	"	5:00	61	00	-	-	3174	3318
	"	6:00	62	00	-	-	3179	3323
	"	7:00	63	00	-	-	3183	3327
	"	8:00	64	00	-	-	3183	3327
	"	9:00	65	00	-	-	3188	3332
	"	10:00	66	00	-	-	3192	3336
	"	11:00	67	00	-	-	3196	3340
	"	12:00 N	68	00	-	-	3196	3340
	"	1:00	69	00	-	-	3196	3340
	"	2:00	70	00	-	-	3196	3340
	"	3:00	71	00	-	-	3196	3340
	"	4:00	72	00	-	-	3196	3340
	"	5:00	73	00	-	-	3196	3340
	"	6:00	74	00	-	-	3196	3340
	"	7:00	75	00	-	-	3196	3340
	"	8:00	76	00	-	-	3196	3340
	"	9:00	77	00	-	-	3196	3340
	"	10:00	78	00	-	-	3196	3340
	"	11:00	79	00	-	-	3196	3340
4 18	"	12:00 MN	80	00	-	-	3196	3340
	"	1:00 AM	81	00	-	-	3196	3340
	"	2:00	82	00	-	-	3196	3340
	"	3:00	83	00	-	-	3196	3340
	"	4:00	84	00	-	-	3196	3340
	"	5:00	85	00	-	-	3196	3340
	"	6:00	86	00	-	-	3196	3340
	"	7:00	87	00	-	-	3196	3340
	"	8:00	88	00	-	-	3196	3340
	"	9:00	89	00	-	-	3196	3340
	Fished Bombs & Run Static Gradient	10:00	90	00	635	-	3196	3340

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PHONES 505 393-5396 -- 393-8274

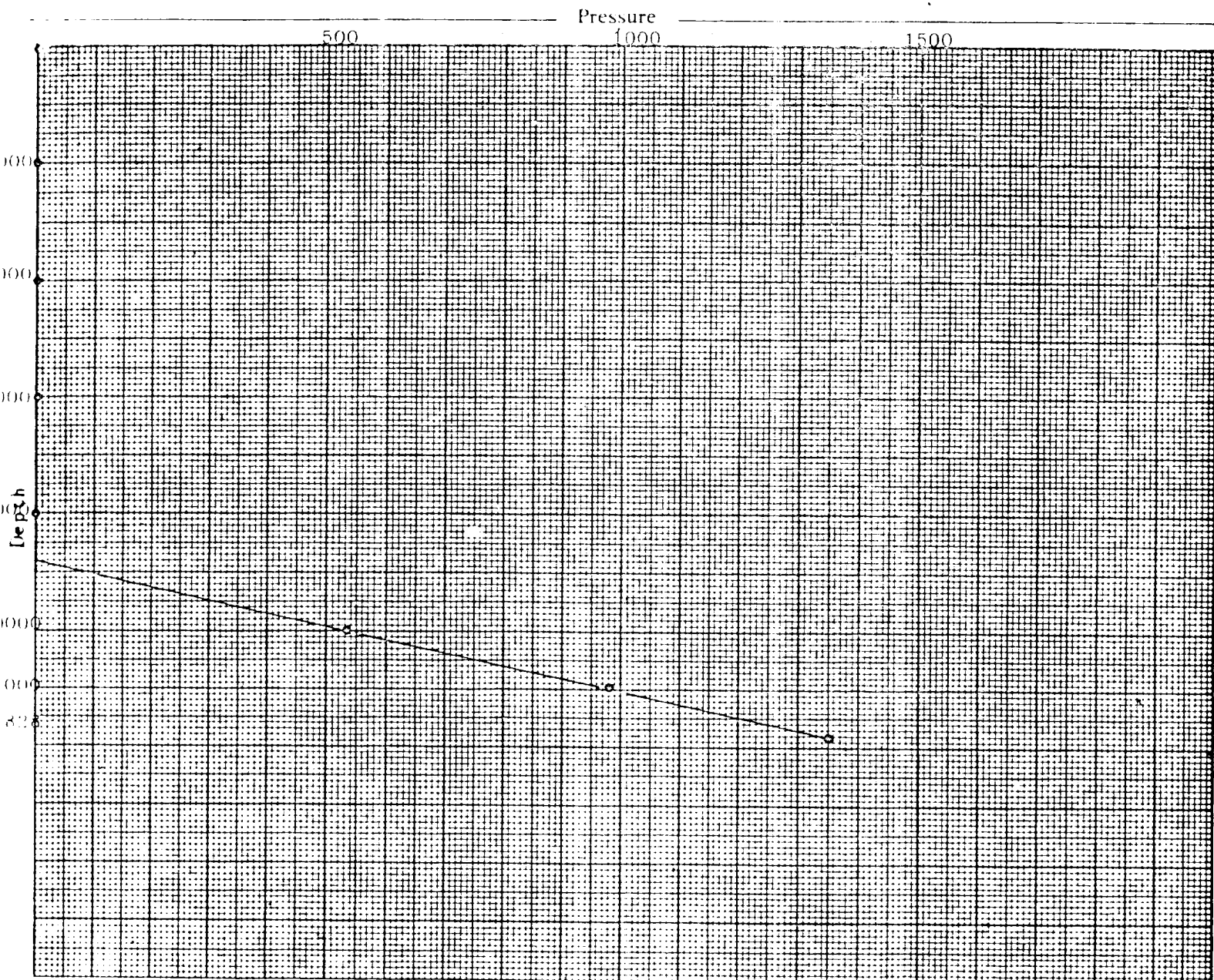
HOBBS NEW MEXICO 88240

OPERATOR Pogo Production Company
 FIELD Undesignated
 FORMATION Morrow
 LEASE Pogo State WELL #1
 COUNTY Eddy STATE New Mexico
 DATE April 24, 1980 TIME 3:30 PM
 Status Swabbed & Open
 Test Depth 11828'
 Time S. L. - Last test date -
 Tub Pres. 0 BHP last test -
 Cas. Pres. PKR BHP change -
 Elev. 3335' KB-16 Fluid top 8800'
 Datum (-8806) ** Water top 8800'
 Temp. @ 196°F Run by JSI #21 E16
 Cal. No. A16786N Chart No. 1

BOTTOM HOLE PRESSURE RECORD

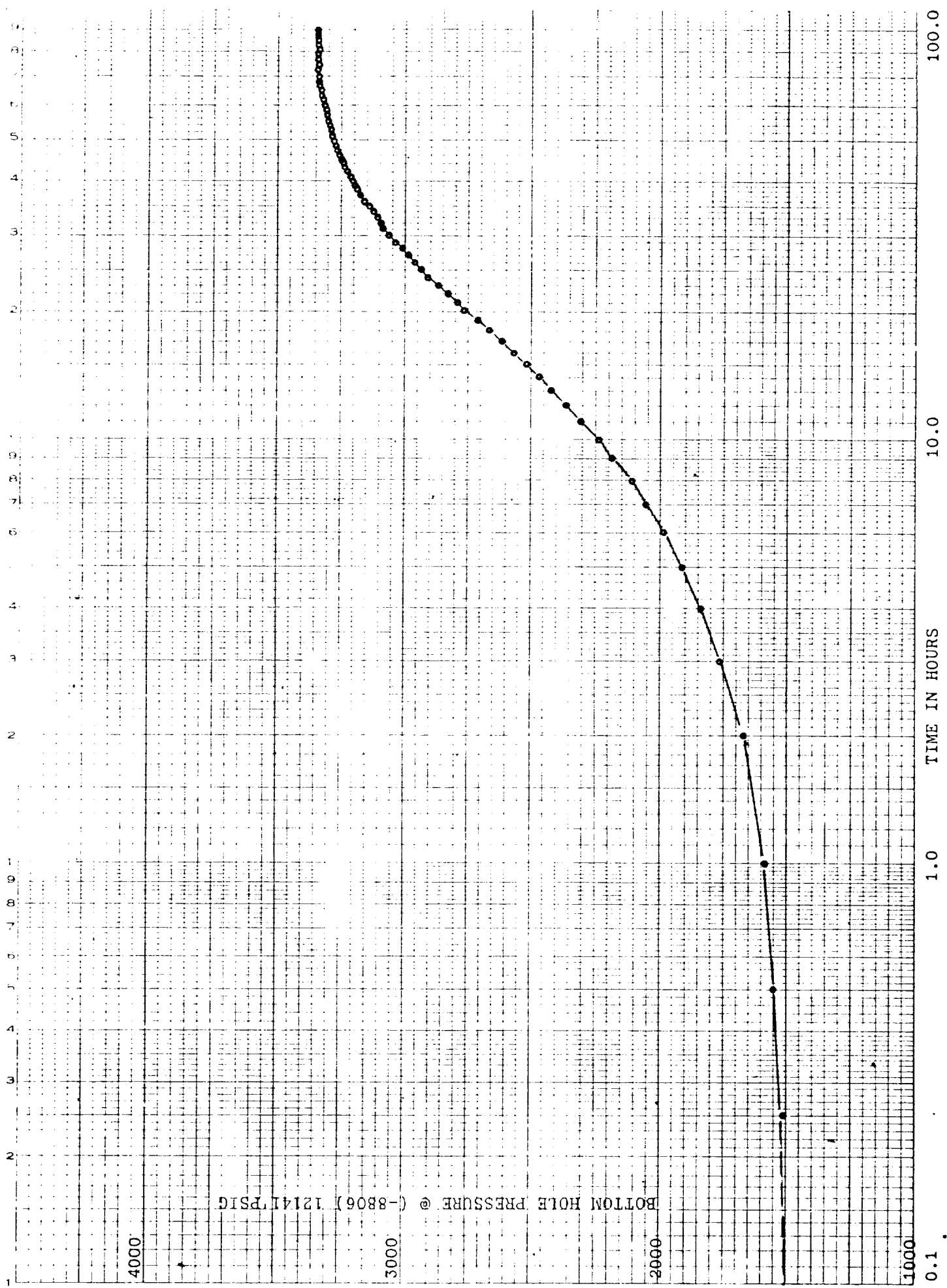
Depth	Pressure	Gradient
0	0	-
2000	0	-
4000	0	-
6000	0	-
8000	0	-
10000	534	.267
11000	981	.447
11828	1360	.458
12141 (-8806)	1503 * **	(.458)

* EXTRAPOLATED PRESSURE
 ** MIDPOINT OF CASING PERFORATIONS



NO. 14 PLOT OF TESTS, PAGE ONE
SFM1 BRAP T-AND
1 CYCLES X 10 OF ONE PER 100

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BOTTOM HOLE PRESSURE RECORD

OPERATOR Pogo Production Company
 FIELD Indesignated
 FORMATION Morrow
 LEASE Pogo State WELL # 1
 COUNTY Eddy STATE New Mexico
 DATE April 28, 1980 TIME 11:00 AM
 Status Shut in
 Test Depth 11828'
 Time S.I. 90 hrs. Last test date 4/14/80
 Tub Pres. 635 BHP last test 3242'
 Cas. Pres. PER BHP change 98# Gain
 Elev. 3535' KB-16 Fluid top 6951'
 Datum (-8806) ** Water top 6951'
 Temp. @ 196 F Run by JSI #21 E 16
 Cal. No. A16786N Chart No. 2

Depth	Pressure	Gradient
0	635	-
2000	725	.045
4000	819	.047
6000	915	.048
8000	1441	.263
10000	2357	.458
11000	2816	.459
11828	3196	.459
12141 (-8806)	3340 * **	(.459)

* EXTRAPOLATED PRESSURE

** MIDPOINT OF CASING PERFORATIONS

