

ATTACHMENT - S. P. Johnson - (Continued)

Formation Record - (Continued)

<u>From</u>	<u>To</u>	<u>Thickness in Feet</u>	<u>Formation</u>
12243	12297	54	Lime
12297	12304	7	Lime & Chert
12304	12348	44	Lime
12348	12350	2	Lime & Chert
12350	12385	35	Lime
12385	12405	20	Lime & Shale
12405	12412	7	Lime
12412	12432	20	Lime & Sand
12432	12440	8	Sand
12440	12458	18	Lime
12458	12461	3	Core # 7
12461	12491	30	Core # 8
12491	12496	5	Lime & Shale
12496	12517	21	Core # 9
12517	12523	6	Core # 10
12523	12528	5	Core # 11

Drill Stem Tests

Drill Stem Tests				No. Kind & Size of Perforations	Tool Set &	Chokes		Water	Time
No.	Date	From	To	(Or Open Hole)		Top	Bottom	Cushion	Tested
1	3-18-56	4610	4670	Open Hole	4610	5/8	1	None	2 hrs.
(San Andres) NTS, Recovered 261' slightly gas cut drilling mud + 1500' of heavy gas cut salty sulphur water with slight trace of oil. SFP 0#, BHFP 95-380#, 20 min SIP 1445#, HH 2805-2775#.									
2	3-30-56	6142	6242	Open Hole	6142	5/8	1	None	1 1/2 hrs.
(Yeso) Weak blow air thruout. Recovered 150' drilling mud, no shows. SFP 0#, BHFP 25-145#, 15 min SIBHP 1820#, HH 3435-3435#.									
3	4-27-56	8720	8830	Open Hole	8720	5/8	1	None	3 hrs.
(Permo Penn) NTS, Recovered 125' of slightly gas cut drilling mud, no oil or water. SFP 0#, BHFP 55-140#, 30 min SIP 2275#, HH 4810-4785#.									
4	5-2-56	3928	3992	Open Hole	3928	5/8	1	None	1 hr.
(Permo Penn) NTS, Recovered 60' of slightly gas cut drilling mud, no oil or water. SFP 0#, BHFP 35#, 30 min SIP 35#, HH 4700-4640#.									
5	5-7-56	9170	9220	Open Hole	9170	5/8	1	None	1 hr.
(Permo Penn) NTS, Recovered 15' slightly gas cut drilling mud, no oil or water. All Pressures 0#, HH 4870-4870#.									
6	5-14-56	9505	9549	Open Hole	9505	5/8	1	None	1 Hr.
(Penn) NTS, Recovered 35' slightly gas cut drilling mud, no oil or water. SFP 0#, BHFP 25#, 30 min. SIP 25#, HH 5105-5080#.									
7	5-16-56	9560	9593	Open Hole	9560	5/8	1	None	2 1/2 Hrs.
(Bough "C") NTS, Recovered 1150' of heavy gas cut salt water, no oil. SFP 0#, BHFP 550#, 30 min SIP 3320#, HH 5165-5135#.									
8	5-21-56	9650	9700	Open Hole	9650	5/8	1	None	1 1/2 Hrs.
(Bough) NTS, Recovered 30' of slightly gas cut drilling mud, no oil or water. SFP 0#, BHFP 75#, 30 min SIP 75#, HH 5030-5000#.									
9	5-22-56	9700	9755	Open Hole	9700	5/8	1	None	2 1/2 Hrs.
(Bough) NTS, Recovered 7550' of slightly gas cut salt water, no oil. SFP 0#, BHFP 3450#, 30 min SIP 3475#, HH 5345-5150#.									
10	5-24-56	9756	9820	Open Hole	9756	5/8	1	None	1 Hr.
(Bough) NTS, Recovered 15' very slightly gas cut drilling mud, no oil or water. SFP 0#, BHFP 0#, 30 min SIP 125#, HH 5255-5150#.									
11	6-5-56	10450	10468	Open Hole	10450	Pkr. rubber out.			
12	6-6-56	10450	10468	Open Hole	10450	5/8	1	None	1 1/2 Hrs.
(Penn) NTS, Recovered 105' of drilling mud, no shows. SFP 0#, BHFP 50#, 30 min SIP 50#, HH 5770-5745#.									
13	6-13-56	10687	10745	Open Hole	10687	5/8	1	None	3 Hrs.
(Penn) Gas to surface in 18 mins, Estimated 31 MCF/day. Recovered 375' of heavy gas cut drilling mud, no oil or water. SFP 3#, BHFP 275#, 30 min SIP 1050#, HH 5990-5900#.									