

PRODUCTIVITY INDEX TEST & PRESSURE BUILD UP CURVE

OPERATOR: PURE OIL CO.
LEASE: SOUTH VACUUM UNIT NO.1

DATE	TIME	HOURS	OIL PROD. BBL'S		GAS PRODUCTION		G.O.R.		P.I.	
			PER 12 HOURS	CUM.	PER 12 HR.	CUM.	PER 12 HR.	CUM.	PER 12 HR.	CUM.
2-1-58	8:00PM	0								
2-2-58	8:00AM	12	154.08	154.08	12082	12082	78.4	784	3.949	3.949
2-2-58	8:00PM	12	149.25	303.33	12788	24870	85.7	820	3.286	3.333
2-3-58	8:00AM	12	151.32	454.65	14483	39353	95.7	886	2.858	2.859

NOTE: WELL FLOWING ON 8/64 CHOKE

WELL DATA
GROUND ELEVATION 3868
DATUM -7550
TEST DEPTH 11,418
TEMPERATURE 148° F

FLOWING TEST, CHART NO. 1					
DATE	TIME	HOURS	MINUTES	BHP	TUBING Casing
2-1-58	5:00 PM	0	0	4766	815 395
		0	10	4722	
		0	20	4716	
		0	30	4709	
		0	40	4706	
2-2-58	6:00 PM	0	50	4708	
	7:00 PM	1	0	4706	810 395
	8:00 PM	2	0	4703	
	9:00 PM	3	0	4700	
	10:00 PM	4	0	4700	400
	11:00 PM	5	0	4700	
	12:00 M	6	0	4697	405 410
	1:00 AM	7	0	4694	415
	2:00 AM	8	0	4694	420
	3:00 AM	9	0	4691	420
2-3-58	4:00 AM	10	0	4691	425
	5:00 AM	11	0	4689	425
	6:00 AM	12	0	4688	430
	7:00 AM	13	0	4685	430
	8:00 AM	14	0	4682	435
	9:00 AM	15	0	4678	
	10:00 AM	16	0	4675	
	11:00 AM	17	0	4672	
	12:00 M	18	0	4669	
	1:00 PM	19	0	4666	
2-4-58	2:00 PM	20	0	4663	
	3:00 PM	21	0	4663	
	4:00 PM	22	0	4663	
	5:00 PM	23	0	4660	

PRESSURE IN POUNDS PER SQ INCH

4760
4740
4720
4700
4680
4660

END CHART NO. 1 FLOWING TEST 8:00 AM 2-3-58
BEGIN CHART NO. 2 BUILD UP TEST 12:00 N 2-3-58

BUILD UP TEST, CHART NO. 2

DATE	TIME	HOURS	MINUTES	BHP	TUBING
2-3-58	12:00 N	0	0	4660	805
		0	10	4716	
		0	20	4731	
		0	30	4732	
		0	40	4733	
2-4-58	1:00 PM	0	50	4734	
	2:00 PM	1	0	4735	815
	3:00 PM	2	0	4737	
	4:00 PM	3	0	4744	
	5:00 PM	4	0	4744	

TIME IN HOURS

FEB. 1 FEB. 2 FEB. 3 FEB. 4