

SPACING		NET PAY THICKNESS	POROSITY	WATER SATURATION	PERMEABILITY	INITIAL RESERVOIR PRESSURE	RESERVOIR TEMPERATURE
1. WELLS ON 640.0 ACRES		142.00 FEET	0.045	0.250	46.30 MD	2932. PSIA	146. DEGREES F
GAS VISCOSITY	WELL BORE RADIUS	CONTRACT TIME	PRESSURE BASE	TEMPERATURE BASE	BHP WHEN COMPRESSORS ARE INSTALLED	GAS DEVIATION FACTOR	FRACTION WT
0.0150 CP	3.38 INCHES	20.00 YEARS	15.03	60. DEGREES F	1250. PSIA	0.84	0.87500
VALUE OF GAS		TAX RATE	COMPRESSION CHARGES		WELL OPERATING COST	COMP. MAINTENANCE CHARGES	
0.106 DOLLARS PER MCF		0.050000	0.04 DOLLARS PER MCF		8.00 DOLLARS PER DAY	2.00 DOLLARS PER DAY	

TIME IN YEARS	TIME IN DAYS	PROD. RATE IN MCFPD	FLOWING BHP IN PSIA	CUML. PROD. IN MMCF	PERCENT RECOVERY
0.	0.	3274.1	2924.	0.	0.
1.00	365.	3274.1	2792.	1195.03	4.5
2.00	730.	3274.1	2660.	2390.06	9.0
3.00	1095.	3274.1	2528.	3585.09	13.5
4.00	1460.	3274.1	2396.	4780.11	18.0
5.00	1825.	3274.1	2264.	5975.14	22.4
6.00	2190.	3274.1	2132.	7170.17	26.9
7.00	2555.	3274.1	1999.	8365.20	31.4
8.00	2920.	3274.1	1867.	9560.23	35.9
9.00	3285.	3274.1	1734.	10755.26	40.4
10.00	3650.	3274.1	1602.	11950.29	44.9
11.00	4015.	3274.1	1469.	13145.32	49.4
12.00	4380.	3274.1	1336.	14340.34	53.9

INSTALL COMPRESSORS AT 4614. DAYS OR 12.64 YEARS

13.00	4745.	3274.1	1202.	15535.37	58.3
14.00	5110.	3274.1	1068.	16730.40	62.8
15.00	5475.	3274.1	934.	17925.43	67.3
16.00	5840.	3274.1	798.	19120.46	71.8
17.00	6205.	3274.1	661.	20315.49	76.3
18.00	6570.	3274.1	521.	21510.52	80.8
19.00	6935.	3274.1	374.	22705.54	85.3
19.48	7109.	3274.1	300.	23275.25	87.4

PRODUCTION RATE DECLINES FROM 7109. DAYS OR 19.48 YEARS

21.41	7813.	97.1	300.	23879.98	89.7
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ORIGINAL GAS IN PLACE, 26624.80 MMCF *

JOB COMPLETED.

Standard Ex
Case 2750

PROG-GASPAC NO-40200 JOB NO- PR 417 REQ BY-RMD
INDIAN BASIN GAS WELL SPACING -320 AC

DATE-02/06/67

SPACING		NET PAY		WATER		INITIAL	
2. WELLS ON 640.0 ACRES		THICKNESS	POROSITY	SATURATION	PERMEABILITY	RESERVOIR	RESERVOIR
		142.00 FEET	0.045	0.250	46.30 MD	PRESSURE	TEMPERATURE
						2932. PSIA	146. DEGREES F
GAS	WELL	CONTRACT	PRESSURE	TEMPERATURE	BHP WHEN	GAS	
VISCOSITY	BORE RADIUS	TIME	BASE	BASE	COMPRESSORS	DEVIATION	FRACTION
0.0150 CP	3.38 INCHES	20.00 YEARS	15.03	60. DEGREES F	ARE INSTALLED	FACTOR	WI
					1250. PSIA	0.84	0.87500
VALUE OF GAS		TAX RATE	COMPRESSION CHARGES	WELL OPERATING COST	COMP. MAINTENANCE CHARGES		
0.166 DOLLARS PER MCF		0.050000	0.04 DOLLARS PER MCF	8.00 DOLLARS PER DAY	2.00 DOLLARS PER DAY		

TIME IN	TIME IN	PROD. RATE	FLOWING	CUML. PROD.	PERCENT
YEARS	DAYS	IN MCFPD	BHP IN PSIA	IN MMCF	RECOVERY
0.	0.	3274.1	2928.	0.	0.
1.00	365.	3274.1	2796.	1195.03	4.5
2.00	730.	3274.1	2665.	2390.06	9.0
3.00	1095.	3274.1	2533.	3585.09	13.5
4.00	1460.	3274.1	2401.	4780.11	18.0
5.00	1825.	3274.1	2269.	5975.14	22.4
6.00	2190.	3274.1	2137.	7170.17	26.9
7.00	2555.	3274.1	2005.	8365.20	31.4
8.00	2920.	3274.1	1873.	9560.23	35.9
9.00	3285.	3274.1	1741.	10755.26	40.4
10.00	3650.	3274.1	1609.	11950.29	44.9
11.00	4015.	3274.1	1477.	13145.32	49.4
12.00	4380.	3274.1	1345.	14340.34	53.9

INSTALL COMPRESSORS AT 4641. DAYS OR 12.71 YEARS

13.00	4745.	3274.1	1212.	15535.37	58.3
14.00	5110.	3274.1	1079.	16730.40	62.8
15.00	5475.	3274.1	946.	17925.43	67.3
16.00	5840.	3274.1	813.	19120.46	71.8
17.00	6205.	3274.1	679.	20315.49	76.3
18.00	6570.	3274.1	543.	21510.52	80.8
19.00	6935.	3274.1	405.	22705.55	85.3
19.74	7203.	3274.1	300.	23584.55	88.6

PRODUCTION RATE DECLINES FROM 7203. DAYS OR 19.74 YEARS

20.50	7481.	194.2	300.	23880.81	89.7
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ORIGINAL GAS IN PLACE, 26624.80 MMCF

JOB COMPLETED.

Standard Ex 2
Case 2750

PROG-GASPAC NO-40200 JOB NO- PR 417 REQ BY-RMD
INDIAN BASIN GAS WELL SPACING -640 AC

DATE-02/06/67 HAS
FROM 1 STD WELL WHICH POTENTIAL
AN AVE

SPACING 640.0 ACRES 142.00 FEET 0.045
NET PAY THICKNESS POROSITY SATURATION PERMEABILITY
WATER 0.250 46.30 MD 2932. PSIA 146. DEGREES F

GAS WELL CONTRACT TIME PRESSURE TEMPERATURE GAS
VISCOSITY BORE RADIUS 20.00 YEARS 15.03 60. DEGREES F 1250. PSIA 0.84 0.87500
0.0150 CP 3.38 INCHES

VALUE OF GAS TAX RATE COMPRESSION CHARGES WELL OPERATING COST COMP. MAINTENANCE CHARGES
0.166 DOLLARS PER MCF 0.050000 0.04 DOLLARS PER MCF 8.00 DOLLARS PER DAY 2.00 DOLLARS PER DAY

TIME IN YEARS	TIME IN DAYS	PROD. RATE IN MCFPO	FLOWING BHP IN PSIA	CUMUL. PROD. IN MMCF	PERCENT RECOVERY
0.	0.	3274.1	2924.	0.	0.
1.00	365.	3274.1	2792.	1195.03	4.5
2.00	730.	3274.1	2660.	2390.06	9.0
3.00	1095.	3274.1	2528.	3585.09	13.5
4.00	1460.	3274.1	2396.	4780.11	18.0
5.00	1825.	3274.1	2264.	5975.14	22.4
6.00	2190.	3274.1	2132.	7170.17	26.9
7.00	2555.	3274.1	1999.	8365.20	31.4
8.00	2920.	3274.1	1867.	9560.23	35.9
9.00	3285.	3274.1	1734.	10755.26	40.4
10.00	3650.	3274.1	1602.	11950.29	44.9
11.00	4015.	3274.1	1469.	13145.32	49.4
12.00	4380.	3274.1	1336.	14340.34	53.9

INSTALL COMPRESSORS AT 4614. DAYS OR 12.64 YEARS

13.00	4745.	3274.1	1202.	15535.37	58.3
14.00	5110.	3274.1	1068.	16730.40	62.8
15.00	5475.	3274.1	934.	17925.43	67.3
16.00	5840.	3274.1	798.	19120.46	71.8
17.00	6205.	3274.1	661.	20315.49	76.3
18.00	6570.	3274.1	521.	21510.52	80.8
19.00	6935.	3274.1	374.	22705.54	85.3
19.48	7109.	3274.1	300.	23275.25	87.4

PRODUCTION RATE DECLINES FROM 7109. DAYS OR 19.48 YEARS

21.41

7813.

97.1

300.

23879.98

89.7

ORIGINAL GAS IN PLACE, 26624.80 MMCF

JOB COMPLETED.

26.6 million MCF

*carried over
MCF
natural gas
26.3 million MCF
as preserved*

BEFORE EXAMINER NUTTER

OIL CONSERVATION COMMISSION

Std EXHIBIT NO. *1*

CASE NO. 2750