

** RESERVE DATA REFERENCE **

Reserve Page: 0

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Well	FINDELS #3	Field	0
Type	GAS	Reservoir	D SAND
Spacing	80 Acres	PBTD	5006 ft
Casing	0	Tubing	2 3/8
Pump Depth	0	Perfs	4918
Packer	NONE	GOR	200 MCF/BBL



Reservoir Properties

Thickness	10 ft
Areal Extent	80 ac
Acre Feet	800 ac-ft
Porosity	22 %
Sw	49 %
Sg	51 %
So	-
BHT	115 F
Bg	73.2 SCF/RCF
Bo	-
Z	0.8600

Bottom Hole Pressure

Reference Depth	4918 ft
WH SI Pressure	
Initial BHP	1026 psia
BHP #2	
BHP #3	
BHP #4	
Core Data	
Logs Avail.	
BPO WI	100 %
BPO NRI	82.5 %
APO ORRI	0 %
	0 %

Gas Gravity	0.7
Oil Gravity	
Spec. Vol.	13.65 RCF/MCF
Spec. Res.	358.0 MCF/ac-ft
PVT Data	

Original Reserves-in-Place

Gas	286.4 MMCF
Oil	

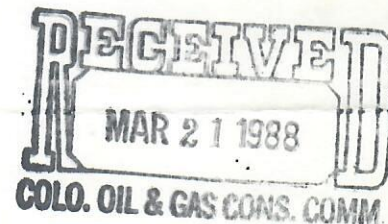
Recoverable Reserves

Gas	186 MMCF
Oil	

Rw	0.6017459	ohm-m @	115
Rt	40	ohm-m @	115

Recovery Factor

Gas	65 %
Oil	



Date: 8-11-88

Spacing unit: 80
Remarks:

Press. Base: 14.73 psia

T. K. CRENNEN
Reservoir Engineer

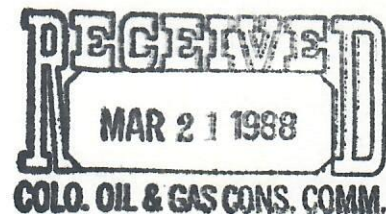
FINDELS #3 FLOW TEST RESULTS

START OF FLOW TEST 2-17-88 13:45

END OF FLOW TEST 2-24-88 17:00

BEAN CHOKE = 16/64"
2" CFP W/ 5/8" PLATE
TEMP CORRECTION @ 40 F
GAS GRAVITY CORRECTION AT .7

FACTOR = 1.143
FACTOR = 6.638
1.01980
1.19523



DATE	TIME	FTP psig BEAN CHOKE	MCF/Hr		FTP psig 2" CFP	MCF/Hr	MCF/Hr
2-17-88	14.00	760	44.8727	1,077	43	18.8791	453
	15.00	750	44.2922		42	18.5420	
	16.00	740	43.7117		41	18.2049	
	17.00	720	42.5507		41	18.2049	
	18.00	710	41.9702		41	18.2049	
	19.00	695	41.0994		40	17.8677	
	20.00	680	40.2287		39	17.5306	
	21.00	670	39.6482		38	17.1935	
	22.00	633	37.4920		38	17.1935	
	23.00	596	35.3359		38	17.1935	
	24.00	559	33.1798		38	17.1935	
2-18-88	1.00	521	31.0236	745	38	17.1935	413
	2.00	484	28.8675		38	17.1935	
	3.00	447	26.7113		38	17.1935	
	4.00	410	24.5552		38	17.1935	
	5.00	410	24.5552		38	17.1935	
	6.00	410	24.5552		38	17.1935	
	7.00	410	24.5552		38	17.1935	
	8.00	410	24.5552		38	17.1935	
	9.00	410	24.5552		38	17.1935	
	10.00	410	24.5552		38	17.1935	
	11.00	410	24.5552		39	17.5306	
	12.00	410	24.5552		39	17.5306	
	13.00	410	24.5552		39	17.5306	
	14.00	410	24.5552		39	17.5306	
	15.00	410	24.5552		39	17.5306	
	16.00	410	24.5552		39	17.5306	
	17.00	405	24.2649		39	17.5306	
	18.00	405	24.2649		39	17.5306	
	19.00	405	24.2649		39	17.5306	
2-19-88	20.00	400	23.9747	561	39	17.5306	421
	21.00	400	23.9747		39	17.5306	
	22.00	400	23.9747		39	17.5306	
	23.00	400	23.9747		39	17.5306	
	24.00	390	23.3942		39	17.5306	
	1.00	390	23.3942		39	17.5306	
	2.00	390	23.3942		39	17.5306	
	3.00	380	22.8137		39	17.5306	

2-22-88

29

12

11.00	400	23.9747
12.00	400	23.9747
13.00	400	23.9747
14.00	400	23.9747
15.00	400	23.9747
16.00	400	23.9747
17.00	400	23.9747
18.00	400	23.9747
19.00	405	24.2649
20.00	405	24.2649
21.00	405	24.2649
22.00	405	24.2649
23.00	405	24.2649
24.00	405	24.2649
1.00	405	24.2649
2.00	405	24.2649
3.00	405	24.2649
4.00	405	24.2649
5.00	405	24.2649
6.00	405	24.2649
7.00	405	24.2649
8.00	405	24.2649
9.00	405	24.2649
10.00	405	24.2649
11.00	405	24.2649
12.00	405	24.2649
13.00	405	24.2649
14.00	405	24.2649
15.00	405	24.2649
16.00	405	24.2649
17.00	410	24.5552

582

589

46	19.8905
46	19.8905
46	19.8905
46	19.8905
46	19.8905
45	19.5534
45	19.5534
45	19.5534
45	19.5534
46	19.8905
46	19.8905
47	20.2276
47	20.2276
47	20.2276
47	20.2276
47	20.2276
48	20.5648
48	20.5648
48	20.5648
48	20.5648
48	20.5648
48	20.5648
48	20.5648
48	20.5648
48	20.5648
47	20.2276
46	19.8905

485

477

Total Gas Produced

3,149

2,292

