

Submit in duplicate to
appropriate district office.
See Rule 401 & Rule 1122

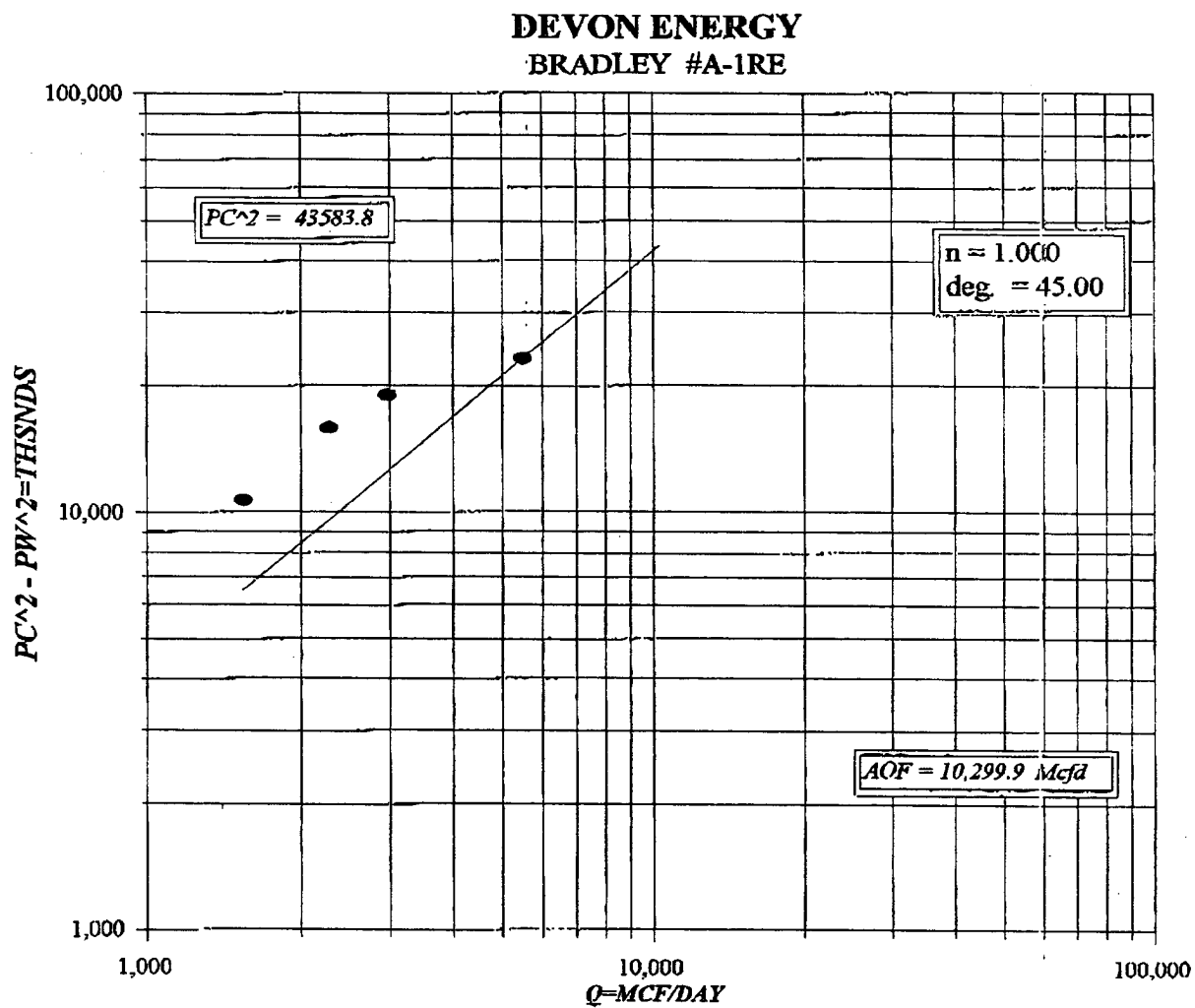
State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-122
Revised October, 1999

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

30-025-21168

Operator DEVON ENERGY		Lease or Unit Name BRADLEY A	
Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 8/11/03	Well No. 1 A-1RB
Completion Date	Total Depth	Plug Back TD	Elevation
Csg. Size 4 1/2	Wt. 13.5	d 3.92	Set At
Perforations: From: 13494 To: 13522		County LEA	
Tbg. Size 2 3/8	Wt. 4.7	d 1.995	Set At
Perforations: From: To:		Pool	
Type Well-Single-Bradenhead-G.G. or G.O. Multiple SINGLE		Packer Set At 13210	Formation MORROW
Producing Thru Tbg.	Reservoir Temp. 182	Mean Annual Temp. 60	Baro. Press. - P _a 13.2
Connection AIR			
L 13206	H 13206	Gg 0.577	%CO ₂ 0.406
%N ₂ 0.668	%H ₂ S 0	Prover 0	Meter Run 4.026
Taps FLG			
FLOW DATA			
No.	Prover Line Size	Orifice Size	Press p.s.i.g.
SI			
1	4.026 X 2.000	500	7
2	4.026 X 2.000	500	15
3	4.026 X 2.000	500	25
4	4.026 X 2.000	500	86
5			
TUBING DATA			
No.	Prover Line Size	Orifice Size	Press p.s.i.g.
1	4.026 X 2.000	500	7
2	4.026 X 2.000	500	15
3	4.026 X 2.000	500	25
4	4.026 X 2.000	500	86
5			
CASING DATA			
No.	Prover Line Size	Orifice Size	Press p.s.i.g.
1	4.026 X 2.000	500	7
2	4.026 X 2.000	500	15
3	4.026 X 2.000	500	25
4	4.026 X 2.000	500	86
5			
RATE OF FLOW CALCULATIONS			
No.	COEFFICIENT (24 Hour)	h _w P _m	Pressure P _m
1	19.81	59.9	513.2
2	19.81	87.7	513.2
3	19.81	113.2	513.2
4	19.81	210	513.2
5			
No.	P _r	Temp. R	T _r
1	0.76	558	1.63
2	0.76	552	1.61
3	0.76	544	1.59
4	0.76	546	1.59
5			
Gas Liquid Hydrocarbon Ratio		114.056 Mcf/bbl.	
A.P. L. Gravity of Liquid Hydrocarbons		48.7 @ 60 Deg.	
Specific Gravity Separator Gas		0.577 XXXXXXXX	
Specific Gravity Flowing Fluid		XXXXXX G MIX = .605	
Critical Pressure		675 P.S.I.A.	674 P.S.I.A.
Critical Temperature		342 R	354 R
P _c	6601.8	P _c	43583.8
No.	P _i ²	P _w	P _w ²
1		5732.6	32862.7
2		5264.7	27717
3		4958	24581.7
4		4512.3	20306.8
5			
(1) $P_c^2 = \frac{1.87}{P_c^2 - P_w^2}$		(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.87$	
AOF - Q		$\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 10,299.90$	
Absolute Open Flow 10,299.90 Mcfd @ 15:025 Angle of Slope Q: 45 Slope n: 1			
Remarks: * Calculated from known bottom hole pressures. Well made 4.5 BBLs of 48.7 API gravity condensate during test.			
Approved By Division:		Conducted By: PRO WELL TESTING	Calculated By: MERV BUECKER
		Checked By: MB	



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Laboratory Services, Inc.

4016 Fiesta Drive
Hobbs, New Mexico 88240

Telephone: (505) 397-3713

Run File	C:\STAR\DATA\05_21_2002\BRADLEY A-1 8.4.RUN		
Method	C:\star\method_extended_gas_scott.mth		
Operator	Vickie Biggs	Analysis Date	8/4/2003
Station	Bradley A #1	Company	Devon Energy
Effective Date		Pulled Data	8.4.03
Received Date	8.4.03	Composite/Spot	Spot

Component	Mole %	BTU	GPM
H2S	0.0000	0.00	0.0000
Nitrogen	0.6683	0.00	0.0000
Methane	95.9800	971.64	0.0000
CO2	0.4061	0.00	0.0000
i-Butane	0.0842	2.75	0.0276
Ethane	2.1319	37.81	0.5702
n-Butane	0.1063	3.47	0.0335
i-Pentane	0.0513	2.06	0.0188
n-Pentane	0.0354	1.42	0.0128
Cyclopentane	0.0116	0.44	0.0034
2-Methylpentane	0.0130	0.62	0.0054
3-Methylpentane	0.0105	0.50	0.0043
n-Hexane	0.0245	1.17	0.0101
Methylcyclopentane	0.0099	0.45	0.0035
Benzene	0.0134	0.50	0.0037
Cyclohexane	0.0219	0.98	0.0074
n-Heptane	0.0105	0.58	0.0048
Methylcyclohexane	0.0107	0.56	0.0043

8/4/2003

Run File

C:\STAR\DATA\05_21_2002\BRADLEY A-1 8.4.RUN

Method C:\star\method_extended_gas_scott.mth

Operator Vickie Biggs

Analysis Date 8/4/2003

Station Bradley A #1

Company Devon Energy

Effective Date

Pulled Date 8.4.03

Received Date 8.4.03

Composite/Spot Spot

Component	Mole %	BTU	GPM
Toluene	0.0035	0.15	0.0012
n-Octane	0.0016	0.10	0.0006
Propane	0.4007	10.11	0.1104
Ethylbenzene	0.0009	0.05	0.0004
p-m-Xylene	0.0032	0.17	0.0013
n-Nonane	0.0007	0.05	0.0004
Totals	100.0000	1,035.56	0.8241

Relative Density from Composition 0.5774

BTUs @ 14.65 Saturated 1,020

BTUs @ 14.65 Dry 1,038

Compressibility 0.99791

8/4/2003

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SULFUR IN CRUDE OIL

Devon Energy
P. O. Box 250
Artesia, New Mexico 88210

Aug 4, 2003

	Total Sulfur	API Gravity @ 60° F	Specific Gravity @ 60° F
Bradley A #1	0.0251 wt. %	48.7	0.7839

Thank You,
Vickie Biggs