'EW MEXICO OIL CONSERVATION COMMISS
MULTIPOI... AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

NOV 2000
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OCD - ARTESIA

Form C-122
Revised 2-1-65

Type Test: [X] Initial [ ] Annual [ ] Special				Test Date: 5/31/00	
Company: OXY USA, INC.			Connection: 5-8-00		
Pool: Logan Draw Morrow			Formation: MORROW		Unit: I 26-17-27
Completion Date	Total Depth		Plug Back TD	Elevation	Farm or Lease Name: OXY HARVESTER FED.
Csg. Size: 5.5 / Wt. / d / Set At			Perforations: From 9619 To 9640		Well No.: 1
Tbg. Size: 2.375 / Wt. / d / Set At			Perforations: From To		Unit: I Sec. 26 Twp. 17 Rge. 27
Type Well - Single - Bradenhead - G.G. or G.O. Multiple: SINGLE			Packer Set At: 9546		County: EDDY
Producing Thru: TUBING	Reservoir Temp. °F: 156 @ 6545		Mean Annual Temp. °F: 60	Baro. Press. - P_a: 13.2	State: NM

L	H	G_g	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps
9630	9630	0.638					4.026	FLANGE

	FLOW DATA					TUBING DATA		CASING DATA		
NO.	Prover Line Size	X Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration of Flow
SI										
1	4.026	1.875	314	0.4	84	614	70			109
2	4.026	1.875	313	1.2	85	568	70			1
3	4.026	1.875	314	2.1	87	528	73			1
4	4.026	1.875	314	3.2	88	493	75			1
5						439	77			1

RATE OF FLOW CALCULATIONS

NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P_m	Flow Temp. Factor Ft	Gravity. Factor Fg	Super. Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	17.26	11.45	327.5	0.9781	1.2520	1.0277	249
2	17.26	19.80	327.5	0.9769	1.2520	1.0273	430
3	17.26	26.22	327.5	0.9749	1.2520	1.0270	568
4	17.26	32.34	326.8	0.9738	1.2520	1.0267	699
5							

NO.	P_r	Temp. °R	T_r	Z
1	0.49	544	1.47	0.947
2	0.49	545	1.47	0.947
3	0.49	547	1.48	0.948
4	0.49	548	1.48	0.949
5				

Gas Liquid Hydrocarbon Ratio: N/A Mcf/bbl
A.P.I. Gravity of Liquid Hydrocarbons: N/A Deg.
Specific Gravity Separator Gas: 0.638 XXXXXXXXX
Specific Gravity Flowing Fluid: XXXX 0.638
Critical Pressure: 671 P.S.I.A. 671 P.S.I.A.
Critical Temperature: 370 R 370 R

P_c 627.7 P_c^2 394

NO.	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		575	331	63
2		543	295	99
3		515	265	129
4		487	238	156
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.5180$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 2.5180$

$AOF = Q\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1761$

Absolute Open Flow: 1761 Mcfd @ 15.025 | Angle of Slope θ: 45 | Slope, n: 1.000

Remarks: Bottomhole pressures were recorded using electronic gauge APG#2.

Approved By Commission:	Conducted By: ARC Pressure Data, Inc.	Calculated By: Rod Dodson	Checked By: