

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

File ✓
C-122
Form C-122
Revised 9-1-65

RECEIVED

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date AUG 9 1979 7-17-79	
Company Florida Gas Exploration				Connection None		O. C. C. ARTESIA, OFFICE	
Pool Wildcat				Formation Wolfcamp		Unit	
Completion Date 7-17-79		Total Depth 14,441		Plug Back TD 12,660		Elevation KB 3045	
Farm or Lease Name Ross Draw				Well No. 7			
Csg. Size 4 1/2	Wt. 15.10	d	Set At 12,739	Perforations: From 12318 To 12,354		Unit J	
Thq. Size 2 3/8	Wt. 4.7	d	Set At 11,559	Perforations: From To		Soc. 26 Twp. 26S Rge. 30E	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At 11,559		County Eddy	
Producing Thru Tubing		Reservoir Temp. °F 231 @ 12,336		Mean Annual Temp. °F 68		Baro. Press. - P _g 13.2	
State New Mexico							
L 11,559	H 11,559	Gg .638	% CO ₂ None	% N ₂ None	% H ₂ S None	Prover 4.026	Meter Run Flange

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
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
SI							7337				
1.	4.026		2.0	200	7	82	7068	74	Packer		60 Min.
2.	4.026		2.0	320	11.5	88	6631	75	in		60 Min.
3.	4.026		2.0	510	12.2	88	6044	77	Well		60 Min.
4.	4.026		2.0	625	60.0	72	5348	72			60 Min.
5.											

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	19.81	38.63	213.2	.9795	1.252	1.019	956
2	19.81	61.90	333.2	.9741	1.252	1.030	1540
3	19.81	79.89	523.2	.9741	1.252	1.047	2021
4	19.81	195.68	638.2	.9887	1.252	1.057	5072
5							

NO.	P _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon Ratio	A.P.I. Gravity of Liquid Hydrocarbons	Specific Gravity Separator Gas	Specific Gravity Flowing Fluid	Critical Pressure	Critical Temperature
1	.32	542	1.45	.963	41.667 to 1	64	.638	X X X X X X X X	670	372
2	.50	548	1.47	.942				X X X X X		
3	.78	548	1.47	.912						
4	.95	532	1.43	.895						
5										

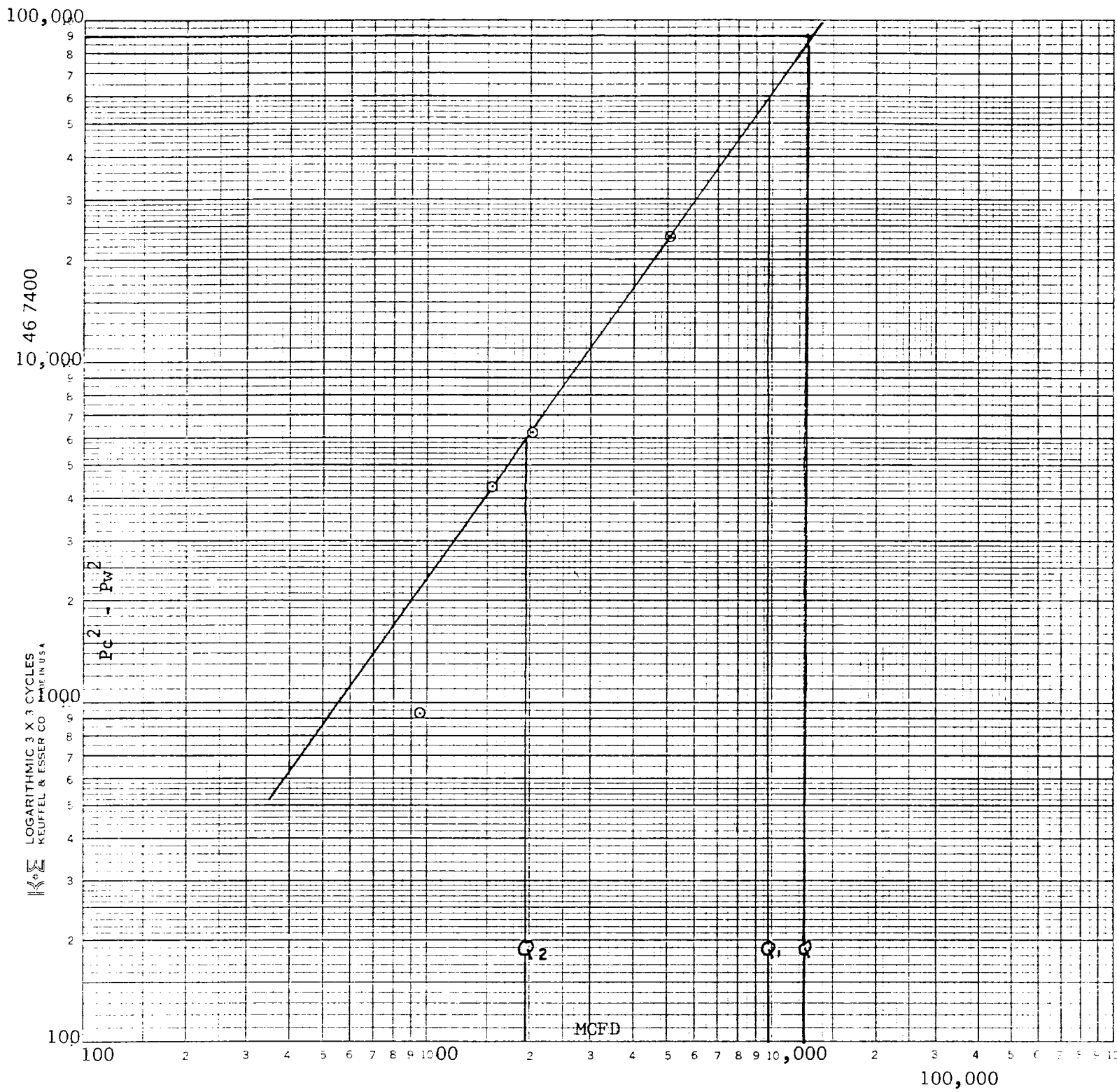
P _c 9106.2 P _c ² 82923		(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 3.5556$		(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.4591$	
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	
1		8999.2	80986	937	
2		8864.2	78574	4349	
3		8755.2	76654	6269	
4		7720.2	59601	23322	
5					

Absolute Open Flow 12,473 Mcfd @ 15.025			Angle of Slope 55		Slope, n .7094	
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Remarks: Pw Substituted for Pt measured with Amerada Instrument No. 38020	
0 - 13,000# Element	

Approved By Commission:	Conducted By: Spruell	Calculated By: Spruell	Checked By: Richburg
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FLORIDA GAS EXPLORATION
 R. Draw 7
 Absolute Open Flow Test
 7-17-79



$$Q_1 = 9910$$

$$\text{Log } Q_1 = 3.99607$$

$$Q_2 = 1935$$

$$\text{Log } Q_2 = 3.28668$$

$$N = .7094$$

$$Q = 12,473$$

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

File ✓
USBS

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator <i>Florida Exploration Company, Agent</i>		Lease Ross Draw Unit		Well No. 7
Unit Letter J	Section 26	Township 26 South	Range 30 East	County Eddy
Actual Footage Location of Well:				
1980 feet from the South		line and 1980 feet from the East		line
Ground Level Elev. 3019.5	Producing Formation Wolfcamp	Pool <i>Wolfcamp Wolfcamp</i>	Dedicated Acreage: 320 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

FEB 5 1980

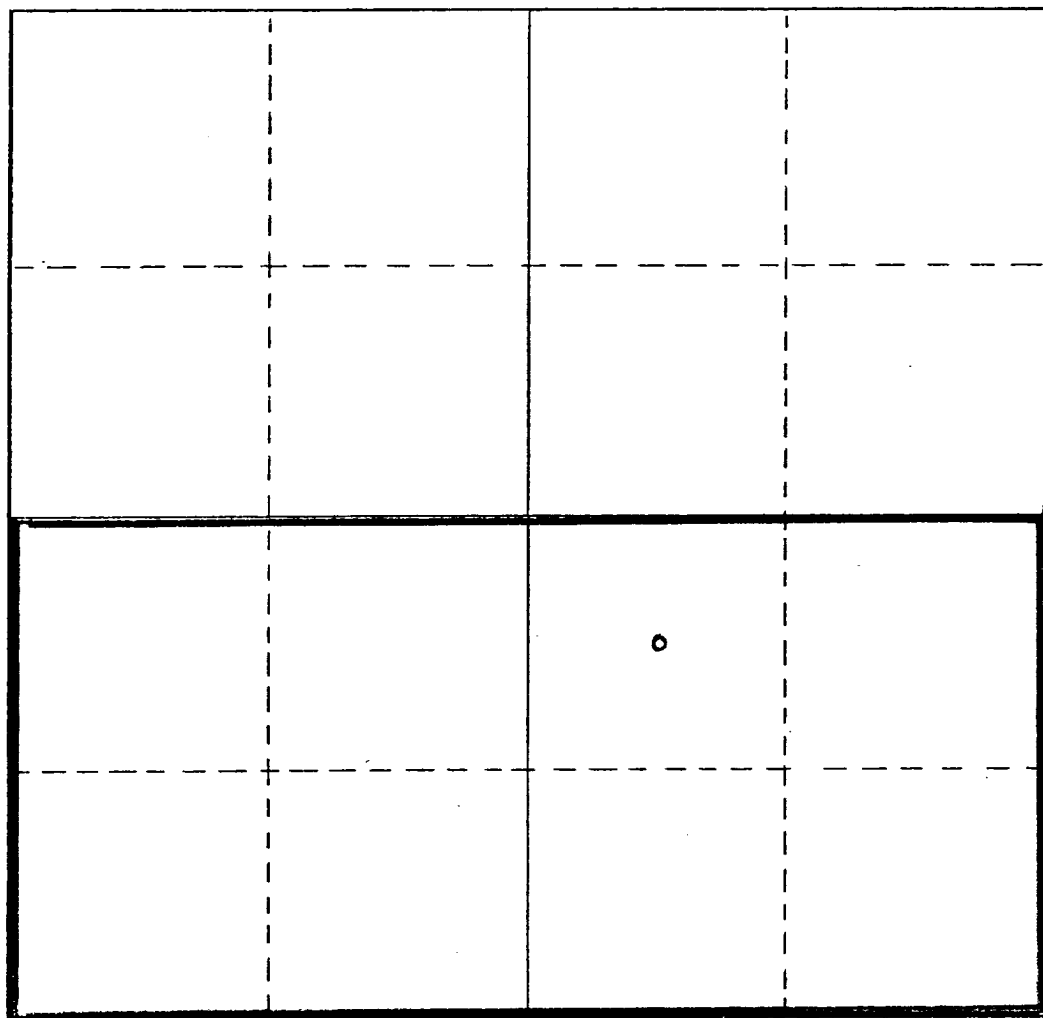
O. C. D.

ARTESIA OFFICE

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

C. E. Speight

Name

C. E. Speight

Position

Division Engineer

Company

Florida Exploration Co.

Date

February 4, 1980

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

December 14, 1979

Date Surveyed

/s/ John W. West

Registered Professional Engineer and/or Land Surveyor

Certificate No. John W. West 676
Ronald J. Eidson 3239

