

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-122
Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR

RECEIVED
MAR 15 1985
OIL CON. DIV.
DIST. 3

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 3/12/85	
Company Dugan Production Corp.		Connection	
Pool WAW Fruitland P.C.		Formation Pictured Cliffs	
Completion Date 3/5/85		Total Depth 1400'	Plug Back TD 1365'
Elevation 6075' GL		Farm or Lease Name Faith	
Csq. Size 2-7/8"	Wt. 6.4#	Set At 1397 G.L.	Perforations: From 1333' To 1356'
Thg. Size	Wt.	Set At	Perforations: From To
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single - Gas		Packer Set At -----	County San Juan
Producing Thru Casing	Reservoir Temp. °F #	Mean Annual Temp. °F	Baro. Press. - P _g
State New Mexico			
L	H	G _g .62 est	% CO ₂ % N ₂ % H ₂ S
Prover		Meter Run	Taps
FLOW DATA			
NO.	Prover Line Size	X	Orifice Size
	Press. p.s.i.g.	Diff. h _w	Temp. °F
SI			
1.			
2.			
3.	7/16" Pos Choke	1	58°
4.			
5.			
TUBING DATA			
	Press. p.s.i.g.	Temp. °F	
CASING DATA			
	Press. p.s.i.g.	Temp. °F	
Duration of Flow 7 days			
3 Hrs.			
RATE OF FLOW CALCULATIONS			
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m
			Flow Temp. Factor Ft.
			Gravity Factor F _g
			Super Compress. Factor, F _{pv}
			Rate of Flow Q, Mcfd
1			
2			
3			
4	4.1712		13
5			1.0020
			.9837
			1.000
			60
NO.	P _r	Temp. °R	T _r
			Z
1			
2			
3			
4			
5			
Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.			
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.			
Specific Gravity Separator Gas _____			
Specific Gravity Flowing Fluid _____ X X X X X			
Critical Pressure _____ P.S.I.A.			
Critical Temperature _____ R			
P _c _____ P _c ² _____			
NO.	P _r ²	P _w	P _w ²
			P _c ² - P _w ²
1			
2	Q = AOF		
3	Friction Negligible		
4			
5			
(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____			
AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ 60			
Absolute Open Flow _____ Mcfd @ 15.025			
Angle of Slope @ _____ Slope, n _____			
Remarks: Well Blowing Heavy mist of water			
Approved By Division			
Conducted By: Charles Hall		Calculated By: Jim L. Jacobs	
Checked By:			