

**NEW MEXICO OIL CONSERVATION COMMISSION
MULTI-POINT BACK PRESSURE TEST FOR GAS WELL**

Form C-122
Revised 12-1-55

Pool OT-110		Formation CHACRA		County RIO ARriba	
Initial X		Annual		Date of Test 7-25-66	
Company SKELLY OIL COMPANY		Lease JICARILLA "C"		Well No. 18	
Unit H	Sec. 28	Twp. 25N	Range 5W	Purchaser NOT CONNECTED	
Casing 5.500	Wt. 15.5	I.D. 5.012	Set at 6298	Perf. 3568	To 3588
Tubing 2.375	Wt. 4.7	I.D. 1.995	Set at 3565	Perf. 3565	To TBG. OPEN-ENDED
Gas Pay:	From 3568	To 3588	L 3565	G 0.67 est.	GL 2389
Producing Through:		Casing	Tubing X	Type Well - Single - Braden head - G.G. or G.O. Dual SINGLE - GAS	
Date of Completion 7-12-66		Packer NONE		Reservoir Temp. 116°	

OBSERVED DATA

Producing Through: Prover ☐ Choke ☐ Meter ☐										Type of Taps
FLOW DATA						TUBING DATA		CASING DATA		DURATION OF FLOW HR.
	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	
1.						693		716		168 hrs.
2.		3/4		60°		113	60°	263	60°	3 hrs.
3.										
4.										
5.										
6.										

FLOW CALCULATIONS

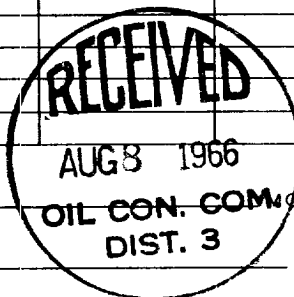
	Coefficient (24 Hour)	$\sqrt{h_w p_f}$	Pressure psia	Flow Temp. Factor F _t	Gravity Factor F _g	Compress. Factor F _{pv}	Rate of Flow Q-MCF PD @ 15.025 psia
1.	11.00		125.2	1.0000	1.222	1.015	1707
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

Gas-Liquid Hydrocarbon Ratio _____ - _____ cf/bbl.
 Gravity of Liquid Hydrocarbons _____ - _____ deg.
 P₀ _____ (1-e^{-S}) _____ P_c **728.2** P_c² **530,275**

Specific Gravity Separator Gas _____
 Specific Gravity Flowing Fluid **.67**

	P _w	P _w ²	P _w ²	P _w ²	P _w ²	P _w ²	P _w ²	P _w ²	P _w ²
1.	275.2					75,735	454,540		
2.									
3.									
4.									
5.									



ABSOLUTE POTENTIAL: **1,916** OIL CON. COM. CFDP; n **0.75**

COMPANY **SKELLY OIL COMPANY** WITNESSED _____

ADDRESS **DIVISION 510 - FARMINGTON, NEW MEXICO** COMPANY _____

AGENT AND TITLE **(Orig. Signed) D. M. McEllen**
August 3, 1966 **Area Foreman**

