

## NOMENCLATURE

ੂ ਦੂ	J = Viscosity Gas or Liquid
	= Compressibility Factor
ਲੰ	= Temperature Rankine
. Minutes	= Total Flow Time
Minutes	= Flow Time
Feet	" = Radius of Well Bore
bbls	= Corrected Recovery
MCF/D	🤰 == Measured Gas Production Rate
.bbls/day	1 = Theoretical Production w/Damage Removed
.bbls/day	Average Adjusted Production Rate During Test
Feet	<sub>ot</sub> = Potentiometric Surface (Fresh Water*)
. Psig.	F = Final Flow Pressure
. Psig.	Extrapolated Static Pressure
MCF/D	$DF_4 = Theoretical$ Open Flow Potential with/Damage Removed Min.
MCF/D	$DF_3 = Theoretical$ Open Flow Potential with/Damage Removed Max
MCF/D	OF <sub>2</sub> = Minimum Indicated Flow Rate
. MCF/D	OF, = Maximum Indicated Flow Rate
psi/cycle	m = Slope Extrapolated Pressure Plot (Psi²/cycle Gas)
. md	Permeability (From Net Pay Zone h.)
: md	X = Permeability
Feet	h <sub>1</sub> = Net Pay Thickness
Feet	h = Interval Tested
Feet	GD = B.T. Gauge Depth (From Surface Reference)
Feet	El = Elevation
ĺ	D.R Damage Ratio
Feet	b <sub>1</sub> = Approximate Radius of Investigation (Net Pay Zone h.)
Feet	b = Approximate Radius of Investigation

Log = Common Log

\* Potentiometric Surface Reference to Rotary Table When Elevation Not Given, Fresh Water Corrected to ICC E.

									_	1 1
FLUII	D SAMPI	LE DATA		Date 10:	-14-72	Ticket Number	4584	44 ·	Legal Location Sec Twp Rng	
Sampler Pressure		P.S.I.G.	at Surface	Kind		Halliburt	on		- T & C	
Recovery: Cu. Ft.	Gas				EN HOLE	District		INGTON	공항	1
cc. Oil									9_	_
cc. Wat	er	· <del></del>	-	Tester MR	, DAVIS	Witness	MR.	POOL	15	NA VA. IO
cc. Mud				Drilling	and Amo Jos	2.0	70		0	z Z
•				Contractor LO		T & HOLE	IC DATA		՝	##
Gravity					T T.	pper Missis		'	22]	[
Gas/Oil Ratio		····		Formation Teste Elevation	·	<u> </u>		Ft.	.  Z	
	RESISTI	IVITY CHI		Net Productive I	/. (	01		Ft.	`   `	
	RESIST	COI	UTENT	All Depths Meas	ured From Ro	otary Kelly	Bushin	g	14W	
Recovery Water	@	°F	1	Total Depth	9:	320'		Ft.		
Recovery Mud	@	°F.	1	Main Hole/Casi		7/8"	0.7.	<del></del>	.	1
Recovery Mud Filtr				Drill Collar Leng		31' I.D.		,	-	≼
Mud Pit Sample		* *F.	1	Drill Pipe Lengt	0.	615 <b>'</b> 275 <b>' -</b> 9280			·	Well No.
Mud Pit Sample Fi	trate		/a '' 1	Packer Depth(s)_	0.0	273 - 9280 251'		Ft.	1	9
Mud Weight		9. /vis	тр Т	Depth Tester Va	lve			Ft.	4	'
TYPE 37	AMOUNT 00' WATER	E+	Depth Back Pres. Valve		Surface Choke 3	/4" ADJ. Ch	tom oke 3/4'	11		
- Cushion 37	OO WIIIDK		TTES. Valve		Choke 3	7-4 1120 . Cit	5/ T	T	7	Test No
Recovered 18	O Feet	of Heavy n	nud			-			Field	₹
								Mea.	8 2	
Recovered 37	00 Feet	of Water o	ushion					From	'	Ι,
					•	-			. (	
Recovered	Feet	of						Tester Valve	WILDCAT	1 .
								<del> </del>	Ę	
Recovered	Feet	of						S		1 2
<b>D</b> 1	F4								-	Tested Interval
Recovered	Feet	or			<u> </u>		-		1	105
Remarks Opene	d tool wit	th a weak b	olow. Had	d to slide	tool 10'	to bottom.	Took	10 minut	es	d
									1	nter
for tool t	o slide to	bottom.	Opened to	ool for 30	minutes.	Closed to	ol for	60 minut	e	٥
initial cl	osed in pr	ressure. I	Reopened t	tool for 60	) minute s	second flow	with n	o blow.	1	1
					4				ြင့	
Closed too	1 for 60 r	ninute seco	ond closed	d in pressu	ire. ANC	HOR PERFORA	TIONS P.	LUGGING	₽	
mun ou ou ou	, mm.cm . 10	ronini (nla		erina eraale		ae eiwat e	1	۱ نه د	1	
THROUGHOUT		13KUN (BIC	Gauge No.	991	Gauge No.	of first f	low per.	104.)	SAN	'
TEMPERATURE		9255 <b>"</b> Ft.	Depth:	9316 Ft.	Depth:	Ft.	T	IME	1	
		L2 Hour Clock	Серии.	24-lour Clock		Hour Clock	Tool	A.M.	JUAN	
Est. °F.	Blanked Off 1		Blanked Off	YES	Blanked Off		Opened	10:15 P.M.		
							Tool	A.M.		
Actual °F.	Pres	sures	Pre	ssures	Pre	ssures	Closed	<ul> <li>P.M.</li> </ul>	4	
	Field	Office	Field	Office	Field	Office	Reported	Computed		8
Initial Hydrostatic	-	4799	-	4844			Minutes	Minutes	15	Lease Owner/Company Name
Flow Initial		NO		NO	<del> </del>			<del> </del>	State	Wne Lik
Final Final		READINGS	•	READINGS	• • • • • • • • • • • • • • • • • • • •	<del> </del>	30	<del>                                     </del>	┤"	2
Closed in		PLUGGING		PLUGGING	<del> </del>	<del> </del>	60	<del> </del>	WEW	ğ
Flow Final		<del> </del>	<del> </del>		<del> </del>	<del> </del>	60			N N
Final Closed in		<del> </del>				† — †	60	1	八百	N S
Initial	<del></del>	<del>                                     </del>			<u> </u>	1		1	MEXICO	6
Flow Final					<u> </u>				18	
Closed in									]	
Final Hydrostatic		4748	-	4802					]	

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		458444			
P)		O. D.	1. D.	LENGTH	DEPTH
	•	5 3/4"_	2 1/2"	1'	
	eversing out			<del>_</del>	
W	Vater Cushion Valve				
$\Box$			0.00611	06151	
M n	Prill Pipe	4 1/2"	3.826"	8615'	
	Orill Collars	6"	2 1/2"	631'	
	oriii Collars				
₩#		•			
	landling Sub & Choke Assembly	5"	1"	51	•
D	Oual CIP Valve				
D D	Oual CIP Sampler				9251'
Н	lydro-Spring Tester	5"	75"	<u>4'</u>	9231
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
	Aultiple CIP Sampler				
^	Multiple Cir Sumplei				
-					
E	xtension Joint				
<del>         </del>				, •	9255"
م اااا	AP Running Case	5"		4'	9255
	Hydraulic Jor	5"	1"	<u>5</u> '	
	Hydraulic Jar		•		
		<b>=11</b>	1"	21	
\ <u>`</u>	VR Safety Joint		<u>+</u>		
	Pressure Equalizing Crossover				
<u> 14.41</u>				_	
	Packer Assembly	6 3/4"	1.3"	5'	9275 <b>'</b>
	Packer Assembly				
2.53					
	Distributor				
				_	
3274	Packer Assembly	6 3/4"	1.3"	5'	<u>9280¹</u>
	Packer Assembly				
11000					
		E 0//II	2 1/2"	36'	
	Flush Joint Anchor	5_3/4"_			
العرب	Pressure Equalizing Tube				
اننقا					
7 - 1	Blanked-Off B.T. Running Case				
	Blanked-Off B.T. Running Case				•
	Drill Collars			<del></del>	
	Anchor Pipe Safety Joint	<del></del>			
<del>     </del>					
	Packer Assembly				
	Packer Assembly				
	Packer Assembly				
	- <del> </del>				
					-
	Anchor Pipe Safety Joint				
{ <b>E</b> }	Side Wall Anchor				
المحال					
$(\mathbf{I} \mid \mathbf{I})$					
H					-
Ä	Drill Collars				
			· · · · · · · · · · · · · · · · · · ·		_
	Prill Collars			41	- 9316 <b>'</b>