RECEIVED

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:				(See Instr	uctions on Re	verse Side	∍)			
Оре	n Flow			Test Date	. ,			ΔĐI	No. 15		
Deliv	verabilty	4HRSh	ut In Tes	10/26/20	013		-		189-22571 -	0000	
Company PALMER						Lease JOYCE				#14-1	Well Number
ounty Location TEVENS SW-SW-NW			Section 14		TWP 31S			E/W)		Acres Attributed	
ield CAVE WEST				Reservoir ATOKA					hering Conne RKO PETRO	ection LEUM CORP.	
Completion Date 13/10/2007				Plug Bac 6192	k Total D	epth	NONE		Set at		
asing Siz .50	10.50		Internal Diameter 4.052			Set at 6396		Perforations 5530			
ubing Siz .375	•			Internal E 1.995	Diameter	Set a 618					
ype Comp SAS)	Ding	escribe)		Type Fluid Production FORMATION WATER				Pump Unit or Traveling Plunger? Yes / No Pumping Unit X			
roducing	Thru (20)	nulus / Tubing)		% Carbon Dioxide				% Nitrogen			
UBING ertical De	epth(H)	•		Pressure Taps						(Meter	Run) (Prover) Size
ressure B	Buildup:	Shut in	6 20	13 at 9	09 AM	(AM) (PM)	Taken_10	0/27	20	13 _{at} 9:15 P	M (AM) (PM)
Vell on Lin	ne: . ·	Started	20) at		(AM) (PM)	Taken		20	at	(AM) (PM)
					OBSER	VED SURFAC	E DATA			Duration of Shut-	in 24 Hours
Static / ynamic roperty	: L. Prover Pressure L		Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Hea Temperatu t	Wellhead (P _w) or (F	Pressure	Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
Shut-In	s.i		. Miches H ₂ O			psig 335	psia	psig	psia		
Flow						330	,				
					FLOW S	TREAM ATTR	IBUTES				
$ \begin{array}{c cccc} Plate & \textit{Circle one:} & & Press \\ \hline Coefficient & \textit{Meter or} & & Extension \\ (F_b)(F_p) & \textit{Prover Pressure} & & \\ \hline Mcfd & psia & & \\ \hline \end{array} $		Gravity Factor F _g		Flowing Temperature Factor F ₁₁	emperature Factor F		Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	et/, Fluid		
		·					'				
c) ² =		(P _w)² ≐_	· · ·	(OPEN FLO	OW) (DEL	.IVERABILITY % (F) CALCUL = - 14.4) +		·:	(P _a)	² = 0.207 ² =
(P _c) ² - (P _a or (P _c) ² - (P _d	"	c)2 - (P _w)2	hoose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ vided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide by:	P _c ² -P _w ²	Slo	ssure Curve pe = "n" - or signed ard Slope	nxl	.og []	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
						-					
non Flow			Motel @ 14.6	'F nois		Dalinarah	.1114-		.]	4.4.0	
pen Flow The un		authority on	Mcfd @ 14.6	·	tates that	Deliverab		o make th		Mcfd @ 14.65 psi	
1	-		report is true					0	e above repor	. and that he lid	, 20 <u>13</u>
iauls sta	ileu inerei	i, and that said	a report is true	and correct	. Execut	ed this the	· · ·	day of	ر د ا ا د د	1000	1
		Witness (if a	ny)			-	. ($\widetilde{7}$	Enc.	mpany	KCC WIC
· :		For Commiss	sion .			-	-	<u> </u>	Check	Ked by	NOV 27 2