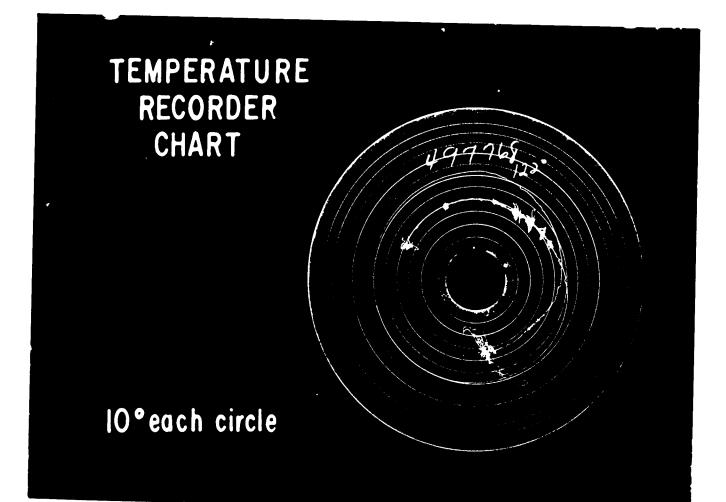
FLUI	D SAMPL	E DATA	\	Date 8-1	<b>-7</b> 2	Ticket Number	4977	68	1 2	
Sampler Pressure_		P.S.I.G.		Kind		Halliburt			Legal Location Sec Twp Rng	
Recovery: Cu. Ft.				of Job OPE	N HOLE	District	GREA	AT BEND	33	
cc. Oil				Tester MR.	MOODE	\A/:+	МО	ELSTER		
cc. Wat					MOORE	Witness	PIK.	FFSIEK	[ ]	Lease N
cc. Muc			1.	Drilling Contractor GAR	VEY DRIL	LING COMPAN	y BC	3 -	SW-	⊡
Gravity	quid cc					T & HOLE			WS-	
Gas/Oil Ratio				Formation Tester		Kansas City				
0007 011 110110				Elevation		2249¹ KB		Ft.	11	
	RESISTI	VITY CHL	ORIDE	Net Productive I	nterval			Ft.	lω	
		CON	1 /	All Depths Meas	ured From	Kelly Bushi	ng			
Recovery Water	@	°F	ppm   "	Tatal Depth		4390 <b>'</b>		Ft.		1
Recovery Mud	@			Main Hole/Casir	ng Size	7 7/8"			7s	1
Recovery Mud Filt						265.31 I.D.				<b>₹</b>
Mud Pit Sample		°F.	•			1011'WP I.D.	3.826"-2		19W	Well No.
Mud Pit Sample Fi				Packer <mark>D</mark> epth(s)_ Depth <b>Te</b> ster Va				Ft.	E	۱۹
Mud Weight		VIS						Ft.		
TYPE Cushian	AMOUNT	Ft.	Depth Back Pres. Valve		Surface Choke		tom oke 3/	4"		
						4	<u>9,1</u>	-	1	Test
Recovered 6	3 Feet	of Heavil	y oil cut	mud				>	Ared	Š
								Mea.	0 0	
Recovered 4	80 Feet	of Gas in	pipe					From		1
Recovered	Feet	of						Tester		
								13		
_	_	_						15	l i	
Recovered	Feet	of						Valve		
								Valve		
Recovered	Feet Feet			(				Valve		Test
Recovered	Feet	of	ute first	flow with	a weak	blow, increa	asing to			Tested I
Recovered  Remarks Tool	Feet opened for	of r a 30 min				blow, increa		a fair		Tested Inter
Recovered  Remarks Tool	Feet opened for	of r a 30 min				blow, increa		a fair		Interva
Remarks Tool blow. Clo	Feet opened for sed tool fo	of r a 30 min or 30 minu	te first	closed in	pressure	• Reopened	tool fo	a fair		Interva
Remarks Tool blow. Clo	Feet opened for sed tool fo	of r a 30 min or 30 minu	te first	closed in	pressure		tool fo	a fair		Inten
Remarks Tool blow. Clo 60 minute	Feet opened for sed tool for second flow	of r a 30 min or 30 minu w with a g	te first	closed in	pressure	• Reopened	tool fo	a fair	Cour	Interva
Recovered  Remarks Tool blow. Clo 60 minute	Feet opened for sed tool fo	of r a 30 min or 30 minu w with a g	te first	closed in	pressure	• Reopened	tool fo	a fair	County	Interva
Remarks Tool blow. Clo 60 minute	Feet opened for sed tool for second flow	of r a 30 min or 30 minu w with a g	te first	closed in	pressure	• Reopened	tool fo	a fair	County	Interva
Recovered  Remarks Tool blow. Clo 60 minute	Feet opened for sed tool for second flow sed in pres	of r a 30 minu or 30 minu w with a g	te first	closed in	pressure . Close	• Reopened	tool fo	a fair	County	Interva
Remarks Tool blow. Clo 60 minute	Feet opened for sed tool for second flow sed in pres	of r a 30 minu or 30 minu w with a g ssure.	te first	closed in throughout	pressure Close	. Reopened	tool fo	a fair	County	Interval
Remarks Tool blow. Clo 60 minute second clo	Feet opened for sed tool for second flow sed in pres	of r a 30 minu or 30 minu w with a g ssure.  34 349' Ft.	te first ood blow Gauge No.	closed in throughout 528 4386'	pressure . Close	. Reopened d tool for 6	tool fo	a fair r ee		Interval
Remarks Tool blow. Clo 60 minute second clo	Feet opened for sed tool for second flow sed in pres Gauge No. 68 Depth: 43	of r a 30 minu or 30 minu w with a g ssure. 84 349' Ft.	te first ood blow Gauge No. Depth:	closed in throughout	pressure Close Gauge No. Depth:	. Reopened d tool for 6	tool fo	a fair		Interval
Remarks Tool blow. Clo 60 minute second clo	Feet opened for sed tool for second flow sed in pres	of r a 30 minu or 30 minu w with a g ssure.  34 349 Ft. 2 Hour Clock	te first ood blow Gauge No.	closed in throughout  528 4386' 12 Hour Clock	pressure Close	. Reopened d tool for 6	tool fo  one of the following	a fair r ee IME 15 P.M.	County KIOWA	Interval
Remarks Tool blow. Clo 60 minute second clo  TEMPERATURE  Est. °F. 4385 (a)	Feet opened for sed tool for second flow sed in pres Gauge No. 68 Depth: 4: Blanked Off	of r a 30 minu or 30 minu w with a g ssure.  84 349' Ft. 2 Hour Clock	te first ood blow  Gauge No. Depth: Blanked Off	closed in throughout  528 4386' 12 Hour Clock	Close Gauge No. Depth:	Reopened d tool for 6	tool fo  one of the following	a fair r ee IME 15 P.M.		Interval
Recovered  Remarks Tool blow. Clo 60 minute second clo  TEMPERATURE  Est. °F.	Feet opened for sed tool for second flow sed in pres Gauge No. 68 Depth: 43	of r a 30 minu or 30 minu w with a g ssure.  84 349' Ft. 2 Hour Clock No ures	te first ood blow  Gauge No. Depth:  Blanked Off  Pres	closed in throughout  528 4386 Ft. 12 Hour Clock Yes  ssures	Close Gauge No. Depth:	. Reopened d tool for 6	tool fo  one of the following	a fair r ee IME 15 P.M.		Interval
Recovered  Remarks Tool blow. Clo 60 minute second clo  TEMPERATURE  Est. °F. 4385 (a) Actual 122 °F.	Feet opened for sed tool for second flow sed in press Gauge No. 68 Depth: 4: Blanked Off Press	of r a 30 minu or 30 minu w with a g ssure.  84 349' Ft. 2 Hour Clock No oures Office 2227	Gauge No. Depth:  Blanked Off Presented 2239	closed in throughout  528 4386' Ft. 12 Hour Clock Yes  ssures  Office 2246	Close Gouge No. Depth: Blanked Of	Reopened d tool for 6	tool fo  one of the second sec	a fair  r e  IME  T.M. 15 P.M. T.M. 15 P.M.	KIOWA	Interval
Remarks Tool blow. Clo 60 minute second clo  TEMPERATURE  Est. °F. 4385 a Actual 122 °F.	Feet opened for sed tool for second flow sed in press Gauge No. 68 Depth: 4: Blanked Off Press	of r a 30 minu or 30 minu w with a g ssure.  34 349' Ft. 2 Hour Clock No ures Office 2227	Gauge No. Depth:  Blanked Off  Pres Field 2239 34	closed in throughout  528 4386' Ft. 12 Hour Clock Yes  office 2246 45	Close Gouge No. Depth: Blanked Of	Reopened d tool for 6	Tool Opened 3: Closed 6: Reported Minutes	a fair r ee  IME  TAM. 15 P.M. Computed	KIOWA	Interval
Remarks Tool blow. Clo 60 minute second clo  TEMPERATURE  Est. °F. 4385 a Actual 122 °F.	Feet opened for sed tool for second flow sed in press Gauge No. 68 Depth: 4: Blanked Off Press	of r a 30 minu or 30 minu w with a g ssure.  84 349' Ft. 2 Hour Clock No ures 0ffice 2227 26 32	Gauge No. Depth:  Blanked Off  Pres Field 2239 34 52	closed in throughout  528 4386' 12 Hour Clock Yes  ssures  Office 2246 45 51	Close Gouge No. Depth: Blanked Of	Reopened d tool for 6	Tool Opened 3: Tool Closed 6: Reported Minutes	a fair r ee  IME  TAM. 15 P.M. Computed		Interval
Remarks Tool blow. Clo 60 minute second clo  TEMPERATURE  Est. °F. 4385 @ Actual 122 °F.  Initial Hydrostatic  Flow Initial Final Closed in	Feet opened for sed tool for second flow sed in press Gauge No. 68 Depth: 4: Blanked Off Press	of r a 30 minu or 30 minu w with a g ssure.  349 ft. 2 Hour Clock No oures 2227 26 32 311	Gauge No. Depth:  Blanked Off Pres Field 2239 34 52 326	closed in throughout  528 4386' Ft. 12 Hour Clock Yes  ssures  Office 2246 45 51 327	Close Gouge No. Depth: Blanked Of	Reopened d tool for 6	Tool Opened 3: Closed 6: Reported Minutes	a fair r ee  IME  TAM. 15 P.M. Computed	KIOWA	Interval
Remarks Tool blow. Clo 60 minute second clo  TEMPERATURE  Est. °F. 4385 a Actual 122 °F. Initial Hydrostatic Flow Initial Final Closed in	Feet opened for sed tool for second flow sed in press Gauge No. 68 Depth: 4: Blanked Off Press	of r a 30 minu or 30 minu w with a g ssure.  84 349 7 7 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Gauge No. Depth: Blanked Off Pres Field 2239 34 52 326 43	closed in throughout  528 4386' Ft. 12 Hour Clock Yes  ssures  Office 2246 45 51 327 51	Close Gouge No. Depth: Blanked Of	Reopened d tool for 6	Tool Opened 3: Tool Closed 6: Reported Minutes 30 30	a fair r ee  IME  TAM. 15 P.M. Computed	KIOWA State	Interval
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Remarks Tool blow. Clo 60 minute second clo  TEMPERATURE  Est. °F. 4385 a Actual 122 °F. Initial Hydrostatic Flow Initial Final Closed in Closed in Closed in	Feet opened for sed tool for second flow sed in press Gauge No. 68 Depth: 4: Blanked Off Press	of r a 30 minu or 30 minu w with a g ssure.  84 349 7 7 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Gauge No. Depth: Blanked Off Pres Field 2239 34 52 326 43	closed in throughout  528 4386' Ft. 12 Hour Clock Yes  ssures  Office 2246 45 51 327 51	Close Gouge No. Depth: Blanked Of	Reopened d tool for 6	Tool Opened 3: Tool Closed 6: Reported Minutes 30 30	a fair r ee  IME  TAM. 15 P.M. Computed	KIOWA	Interval Luinous
Remarks Tool blow. Clo 60 minute second clo  TEMPERATURE  Est. °F. 4385 da Actual 122 °F. Initial Hydrostatic Flow Initial Final Closed in Closed in Closed in	Feet opened for sed tool for second flow sed in press Gauge No. 68 Depth: 4: Blanked Off Press	of r a 30 minu or 30 minu w with a g ssure.  34 349' Ft. 2 Hour Clock No ures  Office 2227 26 32 311 33 39	Gauge No. Depth:  Blanked Off  Pres Field 2239 34 52 326 43 60	closed in throughout  528 4386' Ft. 12 Hour Clock Yes  ssures  Office 2246 45 51 327 51 58	Close Gouge No. Depth: Blanked Of	Reopened d tool for 6	Tool Opened 3: Tool Closed 6: Reported Minutes 30 30 60	a fair r ee  IME  TAM. 15 P.M. Computed	KIOWA State	Interval
Remarks Tool blow. Clo 60 minute second clo  TEMPERATURE  Est. °F. 4385 da Actual 122 °F. Initial Hydrostatic Flow Initial Final Closed in Closed in Closed in Flow Initial Final Closed in Final Closed in Initial Final Closed in Initial Final	Feet opened for sed tool for second flow sed in press Gauge No. 68 Depth: 4: Blanked Off Press	of r a 30 minu or 30 minu w with a g ssure.  34 349' Ft. 2 Hour Clock No ures  Office 2227 26 32 311 33 39	Gauge No. Depth:  Blanked Off  Pres Field 2239 34 52 326 43 60	closed in throughout  528 4386' Ft. 12 Hour Clock Yes  ssures  Office 2246 45 51 327 51 58	Close Gouge No. Depth: Blanked Of	Reopened d tool for 6	Tool Opened 3: Tool Closed 6: Reported Minutes 30 30 60	a fair r ee  IME  TAM. 15 P.M. Computed	KIOWA State	Interval
Remarks Tool blow. Clo 60 minute second clo  TEMPERATURE  Est. °F. 4385 da Actual 122 °F. Initial Hydrostatic Flow Initial Final Closed in Closed in Closed in	Feet opened for sed tool for second flow sed in press Gauge No. 68 Depth: 4: Blanked Off Press	of r a 30 minu or 30 minu w with a g ssure.  34 349' Ft. 2 Hour Clock No ures  Office 2227 26 32 311 33 39	Gauge No. Depth:  Blanked Off  Pres Field 2239 34 52 326 43 60	closed in throughout  528 4386' Ft. 12 Hour Clock Yes  ssures  Office 2246 45 51 327 51 58	Close Gouge No. Depth: Blanked Of	Reopened d tool for 6	Tool Opened 3: Tool Closed 6: Reported Minutes 30 30 60	a fair r ee  IME  TAM. 15 P.M. Computed	KIOWA State	Interval

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		497700			
P		O. D.	1. D.	LENGTH	DEPTH
			2.75"	12"	
	Reversing Sub	3.73	. 4.13		
	Water Cushion Valve				
		_			
	Drill Pipe	4211	3.826"	3143'	
	Drill Collars	5 7/8"	2.25"	265.31	
	Driff Collars	4½" WP	2.764"	1011.87	
===			2.701	101107	
	Handling Sub & Choke Assembly		0.711	(O OOU	
	Dual CIP Valve	_5''	.87"	60.92"	i
	Dual CIP Sampler				_
	Dual CIP Sampler	5"	.75"	60.21"	4345 <b>'</b>
	Tryaro-spring reside the service of				
	Multiple CIP Sampler				
I ##					
	Extension Joint				
	AP Running Case	5''	3.06"	49.63"	4349'
	<b>3</b>				
	Hydroulic Jar				
	riyaroune Jar				
0	VR Safety Joint				
.0	Pressure Equalizing Crossover				1
		•			
	Packer Assembly	6 3/4"	1.53"	48.89"	4356 <b>'</b>
	rucker rusemory				
وسد					I
-					
	Distributor				
					·
	Packer Assembly				
l k	T denter / toselliery				
		. •			
		CII	0 2711	061	
	Flush Joint Anchor		2.37"	26'	[
الخزاقا	Pressure Equalizing Tube		4		1
1 1			•		
	Blanked-Off B.T. Running Case	5"	3.06"	61.63"	4386 <b>'</b>
	Diamed on Dirit Hamming Cook 1997				
	Drill Collars				
	Anchor Pipe Safety Joint				
				•	
	Packer Assembly				
	Tucker resembly				
			•		
	Packer Assembly				
2000 E					
	Anghor Dina Cafata Inint				
<b>V</b>	Anchor Pipe Safety Joint				
(	Side Wall Anchor				
1 7 7 7					
$\approx$	Drill Collars				
63	Flush Joint Anchor				
	Blanked-Off B.T. Running Case				
1 20	Diankea-Off b. I., Kunning Case				



497768-684 TIME 497768-528

Each Horizontal Line Equal to 1000 p.s.i.