STATE OF KANSAS - CORPORATION COMMISSION

15-129-21086-8000 PRODUCTION TEST & GOR REPORT Form C-5 Revised Conjervation Division Workover TEST DATE: 8-7-91 TYPE TEST: / Initial Reclassification Annual Well No. L0850 Company Petroleym tnadarko Socation Section Range Township Acres 10 600 FNL + 400 FEL 33.5 400 Pipeline Connection Reservoir Field MORTOW Sticrup Type Completion(Describe) Plug Back T.D. Packer Set At Completion Date Single 011 5692 ype Fluid Production Production Method: API Gravity of Liquid/011 Flowing Pumping Casing Size Gas Lift I.D. Perforations Woight 5,50 15.50 5692 Perforationa Tubing Size Weight 1,995 5339 2.375 4.70 Duration Hrs. Pretest: Ending Date . Time Starting Date Time Duration Hrs. Test: Starting Date 8-6-9/ Ending Date 8-7-91 Time 10:00 Time 10:00 CIL PRODUCTION OBSERVED DATA Producing Wellhead Pressure Separator Pressure Choke Size Tubing: 25 64 Casing: 140 Bbls./In. Tank Starting Gauge Ending Gauge Net Prod. Bbls. Size Number Feet Inches Barrels Feet Inches Barrels Water 011Pretest: 2 1/2 worth 300 24.23 5 103.08 Test: 127.31 Test: BECRIVED STATE COOP . "ATTION COMMISSION GAS PRODUCTION OBSERVED DATA Orifice Meter Connections Orifice Meter Range 08-13-9/ Static Preselle 7 3 1991 Differential: Pipe Taps: Flange Taps: Diff. Press. Gravity Flowing Run-Prover- Ori 'ice Meter-Prover-Tester Pressure Measuring In. Water In. Merc. | Peig or (Pd) (hw) or (hd) Gas (Gg) Temp (Ct) Device Tester Size Size Orifice Meter Critical Flow Prover Orifice Well Tester 100 60 GAS FLOW RATE CALCULATIONS (R) Coeff. MCFD Meter-Prover Extension Flowing Temp. Gravity Deviation Chart Press.(Psia)(Pm) (Fb)(Fb)(OWTC) hw x Pm Factor (Fg) Factor (Ft) Factor (Fpv) Factor(Fd) 25.0 9258 1.000 1.000 Gas Prod. MCFD Oil Prod. Gas/Oil Ratio Cubic Ft. Flow Rate (R): 23./ Bbls./Day: 103.08 (GOR) =224 per Bbl. The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the day of August 1991 For Offset Operator For State For Company Form C-5 (5/88)

	TATE OF KANSAS -					- R
Corporvation Division		est & Gor Repo				C-5 Revised
TYPE TEST: (Initial) Annu		Reclassifica	tion T	ST DATE:		7-9/
Company	T.	6856			- •	l No.
Angdarko Petroleum (	Corp	USH Section	Mar an ab dia	Pana	X	
			Township	Range		88
Morton 600's	PNL + 400 FEL Reservoir		335 Pipeline	Connecti	on	<del></del>
. 1014	^		Thermie	OOITIOC D		
Stirrup Completion Date Ty	pe Completion(De	scribe)	Plug Back	T.D.	Pec	ker Set At
· · · · · · · · · · · · · · · · · · ·						MOI DOU AU
7-25-9/ Production Method:	Type	Fluid Product	ion	API Gra	vity of	Liquid/Oil
Flowing Pumping Gas L		Set At	•		38.	_
Casing Size Weight	I.D.		Perforat		То	
5,50 15.50	7.950 I.D.	5692 Set At	Perforat:	534	0 5	348
Tubing Size Weight	I.D.		Perforat:	Lons	То	
2.375 4.70	1,995	5339				
Pretest:					Du	ration Hrs.
	lime :	Ending Date	<u></u>	ime	, <u> </u>	<del></del>
Test:	Dima dotas	Padina Dat-	0-11-01 1	Ni		ration Hrs.
Starting Date 8-6-9/ T		Ending Date ON OBSERVED DA		11116 /O	. <i>U</i> 0	24
		ON OBSERVED DA Separator Pres			A la	e Size
Producing Wellhead Pressure	•		sure			
Casing: 140 Tubing:			<del></del>			4/64
Bbls./In. Tank	Starting Gauge		nding Gauge			od. Bbls.
Size Number F	Feet Inches B	arrels Feet	Inches	Barrels	Water	011
B			! [		ļ	l
Pretest:		<del></del>	<del> </del>		<del> </del>	
Test: 300 worth	1 2/2 6	14.23 6	5	127.31	0	103.08
1.		7760	-	7 7 7 10 -	<del> </del>	1,00,00
Test:			<u> </u>			
	GAS PRODUCTI	ON OBSERVED DA	TA			
Orifice Meter Connections		Orifice Met	er Range	<u>.ga wasi</u> gaa		
Pipe Tape: Flange Tap	os:	Differentia	1:	Static	Pressure	
	L'ice Meter-Prove				Gravity	
Device Tester Size Size	ze In.Water In	.Merc. Psig or	(Pd) (hw)	or (hd)	Gas (Gg)	Temp. (t)
Orifice			1	1		į
Meter Critical	<del></del>	<del></del>	<del></del>		STATE	RECEIVED REPORTATION COMMISS
Flow Prover			ļ		· // E 00	PPOTATION CO.
Onifice		<del></del>	<del></del> -		00	S
Well Tester	1/4	7	· 1		.700 SE	16 9000
		E CALCULATIONS	(R)	<del></del>	(સ	
Coeff. MCFD Meter-Prover	Maria de la compansión de	5 - 6	Flowing Te	np. Devi		i Chartusion
(Fb)(Fp)(OWTC) Press (Psia)					or (Fpv)	Factor (Fd)
		Factor (Fg)	ractor (rt	, , , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	/A (A M ) 1	
·				1 2000	<u> </u>	
25.0	)(Pm) Vhw x Pm	Factor (Fg) -9258	1.000	100	000	
Gas Prod. MCFD	Oil Prod.	.9258	/.000 Gas/Oil R	//c	000	Cubic Ft.
Gas Prod. MCFD Flow Rate (R): 23./	Oil Prod. Bbls./Day:	.9258	/.000 Gas/Oil R. (GOR)	/.catio = 23	000	per Bbl.
Gas Prod. MCFD Flow Rate (R): 23./ The undersigned authority	Oil Prod. Bbls./Day:	.9258 103.08 he Company, st	/.000 Gas/Oil R. (GOR) ates that	atio 23	900 4 Ly author	per Bbl.
Gas Prod. MCFD Flow Rate (R): 23./ The undersigned authority to make the above report ar	Oil Prod. Bbls./Day: y, on behalf of t	.9258  103.08  he Company, stowledge of the	J.000  Gas/Oil R.  (GOR)  ates that lacts star	atio  23 ne is dul ted there	y authorein, and	per Bbl. ized that
Gas Prod. MCFD Flow Rate (R): 23./ The undersigned authority	Oil Prod. Bbls./Day: y, on behalf of t	.9258  103.08  he Company, stowledge of the	J.000  Gas/Oil R.  (GOR)  ates that lacts star	atio 23	y authorein, and	per Bbl.
Gas Prod. MCFD Flow Rate (R): 23./ The undersigned authority to make the above report ar	Oil Prod. Bbls./Day: y, on behalf of t	.9258  103.08  he Company, stowledge of the	J.000  Gas/Oil R.  (GOR)  ates that lacts star	atio  = 23 ne is dulted there y of Au	ly authorein, and	per Bbl. ized that
Gas Prod. MCFD Flow Rate (R): 23./ The undersigned authority to make the above report ar	Oil Prod. Bbls./Day: y, on behalf of t nd that he has kn rrect. Executed t	.9258  103.08  he Company, stowledge of the	J.000  Gas/Oil R.  (GOR)  ates that lacts star	atio  = 23 ne is dulted there y of Au	ly author ein, and egust	per Bbl. ized that

## STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

## PRODUCTIVITY TEST BARREL TEST

OPERATOR			LC	CATION OF	WELL		. 12.55
LEASE		, <del>7</del> . 6 ,					** 1 *** 4.
WELL NO.	·		co	UNTY			. —
FIELD		<del></del>	PRODU	CING FORM	ATION		
	Date Taken	· ·	Date	Effective	e <u>``</u>		1. ***
Well Dep	th	Top Pr	od. Form_	; Po	erfs	4	
Casing:	Size	Wt	, , ,,	_Depth	Aci		
_	Size		of Perfs			vity	
Pump:	Туре	Bore_			Pur	chaser	May a resident
Well Sta	tus					_	
	Pumping, fl	owing, etc.			•		
* A	, , , , , , , , , , , , , , , , , , ,	1.5	· ~.		TEST DATA	•	-
			Permanent		_Field		
STATUS: B	EFORE TEST:		Flowing_		_Swabbing_	Pun	bīúg
D211200 D	PRODUCED	HOURS					
	SHUT IN						
DURATION	OF TEST	_	MINU	TES	SESE	CONDS	
	WATER		<u> </u>				( **,
à. •	OIL				•		•
GROSS FL	UID PRODUCTION RA		<del></del>				
	ODUCTION RATE (BA						
**	UCTION RATE (BARR		*. *			PROD	UCTIVITY
	PER MINUTE		·	;			
LENGTH O	F STROKE		Ţ	NCHES			•
REGULAR :	PRODUCING SCHEDUL	E_	H	OURS PER I	DAY.		
COMMENTS							
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WITNESSE	3:					,	
	p. (5					1.74	
FOR STATE	3		FOR OPER	ATOR		FO	R OFFSET

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September 10, 1991

Kansas Corporation Commission Conservation Division 200 Colorado Derby Building Wichita, Kansas 67202-1286

Re: Form C-5, Initial Productivity Test

USA X-1

600' FNL & 400' FEL Section 10-33S-40W Morton County, Kansas

Dear Sirs:

Enclosed is Form C-5, Initial Productivity Test for the referenced well as required by Corporation Commission rules.

If you should have any questions, please contact the Anadarko office at the above letterhead address.

Very truly yours,

J. L. Ashton

Division Production Manager

RBB/sh

RECEIVED
STATE CORPORATION COMMISSION
SEP 1 1 1991
CONCERNATION DIVISION
Wichita, Kansas