MULTI-POINT BACK PRESSURE TEST FOR CAS WELLS

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Prom											
Tubing T											
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Coefficient Pressure Flow Calculations Flow Pressure Flow	Prod	ducing Thru	: Casing_		T	ubing		Type We	:11 si	gle	
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PRESSURE CALCULATIONS S. Liquid Hydrocarbon Ratio 16,510/1 cf/bbl. Avity of Liquid Hydrocarbons 62 deg. (1-e-s)	+		206	.6	504.1				1.061		2,700
PRESSURE CALCULATIONS S. Liquid Hydrocarbon Ratio 16,510/1 cf/bbl. Avity of Liquid Hydrocarbons 62 deg. (1-e-s)	:+	20.15	176	•7	562.5	•9585			1.064		3,226
Pt (psi2) Pt FcQ (FcQ) ² (FcQ) ² Pw ² Pc-Pw Cal. Pw Pc Pc Pc Pw Pc	avi	ty of Liquio	d Hydrocarb	ons	,510/1_	cf/bbl.	ALCUI ATI (Specia Specia	fic Gravit	y_Flowi	ing Fluid 62
Dissolute Potential: 5.210 MCFPD; n 93895 DMPANY Sinclair 611 & Gas Co. DDRESS Box 308; Tatum, New Mexico EENT and TITLE R. Fawcett, Inst. Tech. TNESSED DMPANY	o •	Pt (psia)	Pt F	c ^Q	$(F_cQ)^2$	(F.	.Q) ² -e−s)			1	
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INSTRUCTIONS

This form is to be used for reporting multi-point back pressure tests on gas wells in the State, except those on which special orders are applicable. Three copies of this form and the back pressure curve shall be filed with the Commission at Box 871, Santa Fe.

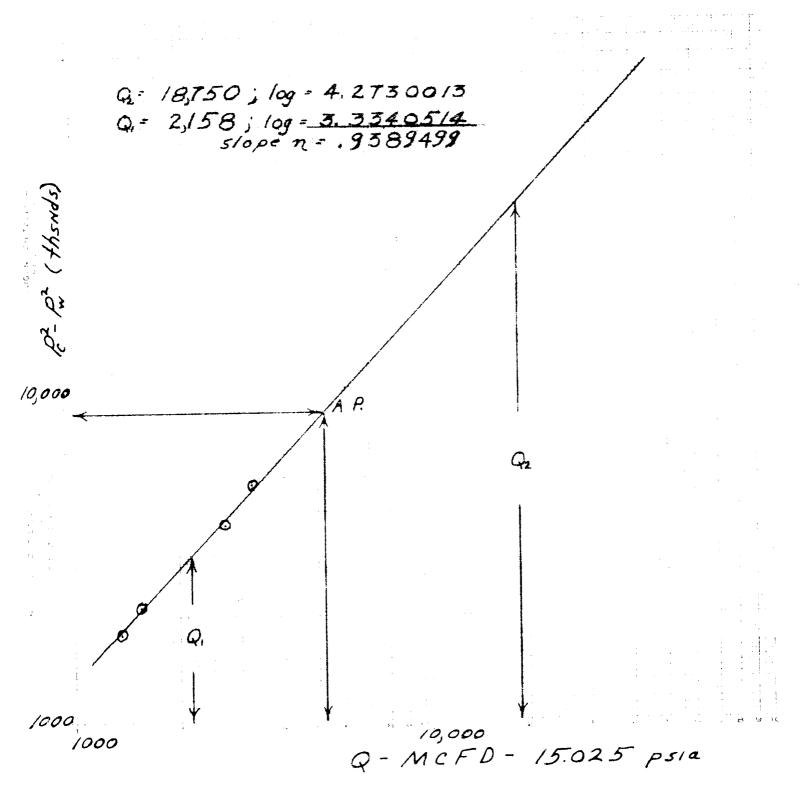
The log log paper used for plotting the back pressure curve shall be of at least three inch cycles.

NOMENCLATURE

- Q I Actual rate of flow at end of flow period at W. H. working pressure (P_W) . MCF/da. @ 15.025 psia and 600 F.
- P_c = 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater.
- PwT Static wellhead working pressure as determined at the end of flow period. (Casing if flowing thru tubing, tubing if flowing thru casing.) psia
- Pt Flowing wellhead pressure (tubing if flowing through tubing, casing if flowing through casing.) psia
- Pf Meter pressure, psia.
- $h_{\mathbf{W}}^{\perp}$ Differential meter pressure, inches water.
- Fg Gravity correction factor.
- F_t Flowing temperature correction factor.
- $\mathbf{F}_{\mathbf{DV}}$ Supercompressability factor. .
- n I Slope of back pressure curve.

Note: If $P_{\mathbf{W}}$ cannot be taken because of manner of completion or condition of well, then $P_{\mathbf{W}}$ must be calculated by adding the pressure drop due to friction within the flow string to $P_{\mathbf{t}}$.

AMERADA PET. C-RR ANDERSON "A" #/ P-19-95-35E LEA Co. 4-26-65



		_		
NO. OF COPIES RECEIVED				
DISTRIBUTION				
SANTA FE				
FILE				
U.S.G.S.				
LAND OFFICE				
TRANSPORTER	OIL			
TRAILST SITTER	GAS			
OPERATOR				
	1 1			

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-104
Conservedes Old C-104 and C-110

U.S.G.S.			Effective 1-1-65
	ALITHODIZATION TO TOA	AND NSPORT OIL AND NATURAL	_ GAS
LAND OFFICE	AUTHORIZATION TO TRA	HAN OKT OIE WAD HÀ LOLA	_ 0/10
IRANSPORTER OIL	_	<u>.</u>	
GAS			
PRORATION OFFICE			
Operator			
Amerada Petrole	um Corporation	NAME CHANG	TROLELIM COPAL
Address P O Roy 668 -	Hobbs, New Mexico		HESS OUNE
Reason(s) for filing (Check proper bo		Other (Please Exitatio)	uly 1, 1969
New Well	Change in Transporter of:	Filed to chang	
Recompletion	Oil Dry Go	C F Anderson	MAN Lease to -
Change in Ownership	Casinghead Gas Conder	isate b. D. Rikot bear	
f change of ownership give name			
DESCRIPTION OF WELL AND	LEASE		
Lease Name	Well No. Pool Na	me, Including Formation	Kind of Lease State, Federal or Fee Fee
S. E. Anderson "A"		enkins - Atoka	State, Feature 175
Location P 666	Feet From The South Lir	ne and Feet Fr	om The East
Unit Letter;			
Line of Section 19 , T	ownship 98 Range	35E , NMPM, I	County
	THE STATE OF	10	
DESIGNATION OF TRANSPOL Name of Authorized Transporter of C	RTER OF OIL AND NATURAL GA	Address (Give address to which a	oproved copy of this form is to be sent)
Magnolia Pipe Line C		P.O. Box 900 - Dalla	is, Texas
Name of Authorized Transporter of C	asinghead Gas or Dry Gas 🛣		pproved copy of this form is to be sent)
Simplet Oll & Con-		Pro- Box 1470 - Md1	When Sulson
If well produces oil or liquids,	Unit Sec. Twp. Rge. 35E	Is gas actually connected?	March 19, 1965
give location of tanks.			
If this production is commingled v	with that from any other lease or pool,	give comminging order number:	
	Oil Well Gas Well	New Well Workover Deeper	Plug Back Same Restv. Diff. Res
Designate Type of Complete		Tabl Dark	P.B.T.D.
Date Spudded	Date Compl. Ready to Prod.	Total Depth	F18.110.
	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth
Pool	Name of Francisco		
			Depth Casing Shoe
Perforations			
Perforations		- CHURNING RECORD	
		D CEMENTING RECORD	SACKS CEMENT
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Designate Type of Comple Date Spudded May 23, 1963 Fool Jenkins-Atoka Perforations 11,477' to 11,4 HOLE SIZE 17-1/2" 12-1/4" 8-3/4" V. TEST DATA AND REQUESTOIL WELL Date First New Oil Bun To Tanks Length of Test Actual Prod. During Test GAS WELL Actual Prod. Test-MCF/D 2621 Testing Method (pitot, back pr.)	Pate Compl. Ready to Prod. August 22, 1963 Name of Producing Formation Atoks TUBING, CASING, A CASING & TUBING SIZE 13-3/8" 9-5/8" 5-1/2" T FOR ALLOWABLE (Test must be able for this	Total Depth 12,825 Top Oil/Gas Pay 11,183				
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Designate Type of Complete Spudded May 23, 1963 Fool Jenkins-Atoka Perforations 11,477' to 11,44 HOLE SIZE 17-1/2" 12-1/4"	etion - (X) Date Compl. Ready to Prod. August 22, 1963 Name of Producing Formation Atoka TUBING, CASING, A CASING & TUBING SIZE 13-3/8" 9-5/8"	Total Depth 12,825 ¹ Top Oil/Gas Pay 11,183 ¹ ND CEMENTING RECORD DEPTH SET 377 ¹ 4,080 ¹	Depth Casing Shoe 11,607 SACKS CEMENT 500 1500			
Designate Type of Complete Spudded May 23, 1963 Pool Jenkins-Atoka Perforations 11,477' to 11,4 HOLE SIZE 17-1/2"	etion — (X) Date Compl. Ready to Prod. August 22, 1963 Name of Producing Formation Atoka TUBING, CASING, A CASING & TUBING SIZE 13-3/8"	Total Depth 12,825 Top Oil/Gas Pay 11,183 ND CEMENTING RECORD DEPTH SET 377	P.B.T.D. 11,500° Tubing Depth 11,408° Depth Casing Shoe 11,607° SACKS CEMENT 500			
Designate Type of Completion Date Spudded May 23, 1963 Pool Jenkins-Atoka Perforations 11,477° to 11,4	etion - (X) Date Compl. Ready to Prod. August 22, 1963 Name of Producing Formation Atoks TUBING, CASING, A	Total Depth 12,825 Top Oil/Gas Pay 11,183 ND CEMENTING RECORD DEPTH SET	P.B.T.D. 11,500° Tubing Depth 11,408° Depth Casing Shoe 11,607° SACKS CEMENT			
Designate Type of Completion Date Spudded May 23, 1963 Fool Jenkins-Atoka Perforations	etion - (X) Date Compl. Ready to Prod. August 22, 1963 Name of Producing Formation Atoks	Total Depth 12,825 Top Oil/Gas Pay 11,183	P.B.T.D. 11,500 Tubing Depth 11,408 Depth Casing Shoe			
Designate Type of Completion Date Spudded May 23, 1963 Fool Jenkins-Atoka Perforations	etion - (X) Date Compl. Ready to Prod. August 22, 1963 Name of Producing Formation Atoka	Total Depth 12,825 Top Oil/Gas Pay 11,183	P.B.T.D. 11,500 ¹ Tubing Depth 11,408 ¹ Depth Casing Shoe			
Designate Type of Comple Date Spudded May 23, 1963 Pool	etion — (X) Date Compl. Ready to Prod. August 22, 1963 Name of Producing Formation	Total Depth 12,825 Top Oil/Gas Pay 11,183	P.B.T.D. 11,500 Tubing Depth 11,408			
Designate Type of Complement Spudded May 23, 1963	etion - (X) Date Compl. Ready to Prod. August 22, 1963	Total Depth 12,825	P.B.T.D. 11,500° Tubing Depth			
Designate Type of Comple	etion - (X) Oil Well Gas Well Date Compl. Ready to Prod.	Total Depth	P.B.T.D.			
COMPLETION DATA	etion - (X)	X				
COMPLETION DATA	Oil Well Gas Well	New Well Workover Deepen	Plug Back Same Res'v. Diff. Res'			
·	with that from any other lease or poor	l, give commingling order number:				
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. B 30 9-8 35-1					
Sinclain Dit to	Init Sec. Twp. Rge.	Is gas actually connected? When	Duran, Och			
Name of Authorized Transporter of	Casinghead Gas cr Dry Gas 🔼	Address (Give address to which approved	l copy of this form is to be sent)			
Magnolia Pipe Li	Ine Co.	P. O. Box 900 - Dallas	, Texas			
Name of Authorized Transporter of	ORTER OF OIL AND NATURAL G	AAS Address (Give address to which approved	copy of this form is to be sent)			
Elite of desiren						
Line of Section 19	Township 9-8 Range	35-E , NMPM,	Lea County			
Unit Letter 2 ;	660 Feet From The South L	ine and Feet From The	East			
S. E. Anderson Location	'A" 1 Jeni	kins-Atoka				
Lease Name	Well No. Pool N	, amo, moraling	(ind of Lease State, Federal or Fee Fac			
. DESCRIPTION OF WELL AN	ID LEASE					
If change of ownership give name and address of previous owner	e					
Chemije ir. Ownership	Casinghead Gas Cond	ensate				
Recompletion	Sii Dry G	=				
Reason(s) for filing (Check proper b	box) Change in Transporter of:	Omer (Piease explain)				
	Hobbs, New Mexico	Other (Please explain)				
Amerada Petroleu						
- perator	- Cornoration					
OPERATOR PRORATION OFFICE						
	·		. ,			
TRANSPORTER GAS		•	47 11 115			
	AUTHORIZATION TO TR	ANSPORT OIL AND NATURAL-GAS	5			
U.S.G.S. LAND OFFICE IRANSPORTER OIL		REQUEST FOR ALLOWABLE AND Supersedes Old C-104 Effective 1-1-65				
LAND OFFICE IRANSPORTER OIL	REQUEST	FOR ALLOWABLE	Supersedes Old C-101 and C-1			
FILE U.S.G.S. LAND OFFICE IRANSPORTER OIL		CONSERVATION COMMISSION	Form C-104 Supersedes Old C-104 and C			

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

D'CCapps	
(Signature)	
District Superintendent	
(Title)	
March 5, 1965	

(Date)

This form is to be filed in compliance with RULE 1104.

OIL CONSERVATION COMMISSION

APPROVED.

TITLE

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out Sections I, II, III, and VI only for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.