Province Lease—Tract—wen			ne County	State
	DRILL STEM TESTS	.		
	1		2	
Il Stern Test No.	4-2-53		4-3-53	
te	Abb's		Abb¹s	
me of Test Tool	8" Formation		8" Formation	
nd of Packer	9325		9375	
pth of Mole pth—Bottom of Packer	9192		9324	
me—Formation Tested	Wolfcamp		Wolfcamp	
terval Tested (If Open Hole, so State; or if Perforated casing, Give Top and	9192 - 9325		9324 - 75	
Bottom of Perforations)	None		None	
ater Load	5 /8" - 1"		5/8" - 1"	t .
okes (Bottom and Top)	2 hours	1	2 hours	
stal Length of Time Tool Open	once		once	7./
o, of Times & Elapsed Time Tool Opened Each Attempt				<u> </u>
rface Reaction: Type and Elapsed Time	*		very weak inc.	so good blo
(1) Air	None		None	
(2) Gas (3) Water Load (Specify if Charged with Oil or Gas)	None		None	100
(4) Drilling Mud (Specify if Cut with oil, Gas and/or Water)	None		None	
(5) Oil/Gas (Estimate or Guage Quantity; % B. S. & /or water)	None		No.	
(6) Water (Specify kind and if out with Oil and/or Gas or B, S.)	None		On	
ecovery Fluid in Feet from Drill Pipe				-
(1) Water Load	None		None	
(1) Wasa 20002 (2) Mud	**		90' sl g cut	47
(3) Oil and Gas	960 * Gas		650' & \$ pt o	4
(4) Water—Kind? (i.e. Salt or Sulphur, Fresh, etc.)	None		None 125#	_
HP Flowing	110#		250#	
HP Shut In	110#		None	
tate Flow Oil and Gas	None		None	
ns/Oil Ratio BS & W	None		TIO LIO	
EMARKS: (Should Indicate Reaction after Tool Closed and While Coming out of the very weakblow that increased to fai	of Hole. Specify.)			
N. C. W. W.	DRILL STEM TES	12		
Drill Stem Test No.	4-5-58			_
Date Name of Test Tool	Abb's			
Name of Test Foot	8" Formation			
Depth of Hole	9428			
Depth-Bottom of Packer	9372			_
Name—Formation Tested	Wolfcamp		-	
Interval Tested (If Open Hole, so State; or if Perforated casing, Give Top and	9372 - 9428			
Bottom of Periorations)	None			
Water Load	7.1			1
	5/8" - 1"			
Chokes (Bottom and Top)	5/8" - 1" 2 hours			
Chokes (Bottom and Top) Total Length of Time Tool Open				
Chokes (Bottom and Top) Total Length of Time Tool Open No. of Times & Elapsed Time Tool Opened Each Attempt	2 hours			
Chokes (Bottom and Top) Total Length of Time Tool Open No. of Times & Elapsed Time Tool Opened Each Attempt Surface Reaction: Type and Elapsed Time	2 hours	to strong bl	or in 9 min.	
Chokes (Bottom and Top) Total Length of Time Tool Open No. of Times & Eiapsed Time Tool Opened Each Attempt Surface Reaction: Type and Elapsed Time (1) Air	2 hours once weak blow inc. None	to strong bl	ow in 9 min.	
Chokes (Bottom and Top) Total Length of Time Tool Open No. of Times & Elapsed Time Tool Opened Each Attempt Surface Reaction: Type and Elapsed Time (1) Air (2) Gas	2 hours once weak blow inc. None	to strong bl	or in 9 min.	
Chokes (Bottom and Top) Total Length of Time Tool Open No. of Times & Elapsed Time Tool Opened Each Attempt Surface Reaction: Type and Elapsed Time (1) Air (2) Gas (3) Water Load (Specify if Charged with Oil or Gas)	2 hours once weak blow inc. None None	to strong bl	or in 9 min.	
Chokes (Bottom and Top) Total Length of Time Tool Open No. of Times & Elapsed Time Tool Opened Each Attempt Surface Reaction: Type and Elapsed Time (1) Air (2) Gas (3) Water Load (Specify if Charged with Oil or Gas) (4) Drilling Mud (Specify if Cut with oil, Gas and/or Water) (5) Oil/Gas (Estimate or Guage Quantity; % B. S. & /or water)	2 hours once weak blow inc. None None None	to strong bl	or in 9 min.	
Chokes (Bottom and Top) Total Length of Time Tool Open No. of Times & Elapsed Time Tool Opened Each Attempt Surface Reaction: Type and Elapsed Time (1) Air (2) Gas (3) Water Load (Specify if Charged with Oil or Gas) (4) Drilling Mud (Specify if Cut with oil, Gas and/or Water) (5) Oil/Gas (Estimate or Guage Quantity; % B. S. & /or water)	2 hours once weak blow inc. None None	to strong bl	ow in 9 min.	
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Chokes (Bottom and Top) Total Length of Time Tool Open No. of Times & Elapsed Time Tool Opened Each Attempt Surface Reaction: Type and Elapsed Time (1) Air (2) Gas (3) Water Load (Specify if Charged with Oil or Gas) (4) Drilling Mud (Specify if Cut with oil, Gas and/or Water) (5) Oil/Gas (Estimate or Guage Quantity; % B. S. & /or water) (6) Water (Specify kind and if cut with Oil and/or Gas or B. S.)	2 hours once weak blow inc. None None None None None		or in 9 min.	
Chokes (Bottom and Top) Total Length of Time Tool Open No. of Times & Elapsed Time Tool Opened Each Attempt Surface Reaction: Type and Elapsed Time (1) Air (2) Gas (3) Water Load (Specify if Charged with Oil or Gas) (4) Drilling Mud (Specify if Cut with oil, Gas and/or Water) (5) Oil/Gas (Estimate or Guage Quantity; % B. S. & /or water) (6) Water (Specify kind and if cut with Oil and/or Gas or B. S.) Recovery Fluid in Feet from Drill Pipe	2 hours once weak blow inc. None None None None None None		or in 9 min.	
Chokes (Bottom and Top) Total Length of Time Tool Open No. of Times & Elapsed Time Tool Opened Each Attempt Surface Reaction: Type and Elapsed Time (1) Air (2) Gas (3) Water Load (Specify if Charged with Oil or Gas) (4) Drilling Mud (Specify if Cut with oil, Gas and/or Water) (5) Oil/Gas (Estimate or Guage Quantity; % B. S. & /or water) (6) Water (Specify kind and if cut with Oil and/or Gas or B. S.) Recovery Fluid in Feet from Drill Pipe (1) Water Load (2) Mud (3) Oil and Gas	2 hours once weak blow inc. None None None None None None 186' O & G cut		ow in 9 min.	
Chokes (Bottom and Top) Total Length of Time Tool Open No. of Times & Elapsed Time Tool Opened Each Attempt Surface Reaction: Type and Elapsed Time (1) Air (2) Gas (3) Water Load (Specify if Charged with Oil or Gas) (4) Drilling Mud (Specify if Cut with oil, Gas and/or Water) (5) Oil/Gas (Estimate or Guage Quantity; % B. S. & /or water) (6) Water (Specify kind and if cut with Oil and/or Gas or B. S.) Recovery Fluid in Feet from Drill Pipe (1) Water Load (2) Mud	2 hours once weak blow inc. None None None None None 186' O & G cut 360' oil 186' sulfur we		ow in 9 mina	
Chokes (Bottom and Top) Total Length of Time Tool Open No. of Times & Elapsed Time Tool Opened Each Attempt Surface Reaction: Type and Elapsed Time (1) Air (2) Gas (3) Water Load (Specify if Charged with Oil or Gas) (4) Drilling Mud (Specify if Cut with oil, Gas and/or Water) (5) Oil/Gas (Estimate or Guage Quantity; % B. S. & /or water) (6) Water (Specify kind and if cut with Oil and/or Gas or B. S.) Recovery Fluid in Feet from Drill Pipe (1) Water Load (2) Mud (3) Oil and Gas (4) Water—Kind? (i.e. Salt or Sulphur, Fresh, etc.)	2 hours once weak blow inc. None None None None None 186' O & G cut 360' oil 186' sulfur we		ow in 9 min.	
Chokes (Bottom and Top) Total Length of Time Tool Open No. of Times & Elapsed Time Tool Opened Each Attempt Surface Reaction: Type and Elapsed Time (1) Air (2) Gas (3) Water Load (Specify if Charged with Oil or Gas) (4) Drilling Mud (Specify if Cut with oil, Gas and/or Water) (5) Oil/Gas (Estimate or Guage Quantity; % B. S. & /or water) (6) Water (Specify kind and if cut with Oil and/or Gas or B. S.) Recovery Fluid in Feet from Drill Pipe (1) Water Load (2) Mud (3) Oil and Gas	2 hours once weak blow inc. None None None None None 186' O & G cut 360' oil 186' sulfur we 100-200 1440		ow in 9 min.	
Chokes (Bottom and Top) Potal Length of Time Tool Open No. of Times & Elapsed Time Tool Opened Each Attempt Surface Reaction: Type and Elapsed Time (1) Air (2) Gas (3) Water Load (Specify if Charged with Oil or Gas) (4) Drilling Mud (Specify if Cut with oil, Gas and/or Water) (5) Oil/Gas (Estimate or Guage Quantity; % B. S. & /or water) (6) Water (Specify kind and if cut with Oil and/or Gas or B. S.) Recovery Fluid in Feet from Drill Pipe (1) Water Load (2) Mud (3) Oil and Gas (4) Water—Kind? (i.e. Salt or Sulphur, Fresh, etc.) BHP Flowing BHP Shut In Rate Flow Oil and Gas	2 hours once weak blow inc. None None None None None 186' O & G cut 360' oil 186' sulfur wo 100-200 1440 None		or in 9 min.	
Chokes (Bottom and Top) Total Length of Time Tool Open No. of Times & Elapsed Time Tool Opened Each Attempt Surface Reaction: Type and Elapsed Time (1) Air (2) Gas (3) Water Load (Specify if Charged with Oil or Gas) (4) Drilling Mud (Specify if Cut with oil, Gas and/or Water) (5) Oil/Gas (Estimate or Guage Quantity; % B, S, & /or water) (6) Water (Specify kind and if out with Oil and/or Gas or B, S,) Recovery Fluid in Feet from Drill Pipe (1) Water Load (2) Mud (3) Oil and Gas (4) Water—Kind? (i.e. Salt or Sulphur, Fresh, etc.) BHP Flowing BHP Shut In Rate Flow Oil and Gas Gas (OIL Ratio BS & W	2 hours once weak blow inc. None None None None None 186' O & G cut 360' oil 186' sulfur wi 100-200 1440 None None		ow in 9 min.	
Chokes (Bottom and Top) Total Length of Time Tool Open No. of Times & Elapsed Time Tool Opened Each Attempt Surface Reaction: Type and Elapsed Time (1) Air (2) Gas (3) Water Load (Specify if Charged with Oil or Gas) (4) Drilling Mud (Specify if Cut with oil, Gas and/or Water) (5) Oil/Gas (Estimate or Guage Quantity; % B, S, & /or water) (6) Water (Specify kind and if cut with Oil and/or Gas or B, S,) Recovery Fluid in Feet from Drill Pipe (1) Water Load (2) Mud (3) Oil and Gas (4) Water—Kind? (i.e. Salt or Sulphur, Fresh, etc.) BHP Flowing BHP Shut In Rate Flow Oil and Gas	2 hours once weak blow inc. None None None None None 186' O & G cut 360' oil 186' sulfur wi 100-200 1440 None None		of in 9 min.	
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Chokes (Bottom and Top) Total Length of Time Tool Open No. of Times & Elapsed Time Tool Opened Each Attempt Surface Reaction: Type and Elapsed Time (1) Air (2) Gas (3) Water Load (Specify if Charged with Oil or Gas) (4) Drilling Mud (Specify if Cut with oil, Gas and/or Water) (5) Oil/Gas (Estimate or Guage Quantity; % B. S. & /or water) (6) Water (Specify kind and if cut with Oil and/or Gas or B. S.) Recovery Fluid in Feet from Drill Pipe (1) Water Load (2) Mud (3) Oil and Gas (4) Water—Kind? (Le. Salt or Sulphur, Fresh, etc.) BHP Flowing BHP Shut In Rate Flow Oil and Gas Gas (Oil Ratio BS & W	2 hours once weak blow inc. None None None None None 186' O & G cut 360' oil 186' sulfur wi 100-200 1440 None None	ignature	muu M	Can
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Chokes (Bottom and Top) Total Length of Time Tool Open No. of Times & Elapsed Time Tool Opened Each Attempt Surface Reaction: Type and Elapsed Time (1) Air (2) Gas (3) Water Load (Specify if Charged with Oil or Gas) (4) Drilling Mud (Specify if Cut with oil, Gas and/or Water) (5) Oil/Gas (Estimate or Guage Quantity; % B. S. & /or water) (6) Water (Specify kind and if cut with Oil and/or Gas or B. S.) Recovery Fiuld in Feet from Drill Pipe (1) Water Load (2) Mud (3) Oil and Gas (4) Water—Kind? (i.e. Salt or Sulphur, Fresh, etc.) BHP Flowing BHP Shut In Rate Flow Oil and Gas Gas (Oil Ratio BS & W	Z hours once weak blow inc. None None None None None None 186' O & G cut 360' oil 186' sulfur wr 100-200 1440 None None of Hole. Specify.)	ignature Title		Can

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