3E-459-A-2 9-49

W.T. - N.M. Province | Melba Goins #1 Lease—Tract—Well No. | Teague Devonian Field—Pool—Producing Zone | Lea, N.M. County | State

DRILL STEM TESTS

	9	10	11	12
Drill Stem Test No.				
Date	5-10-52	5-11-52	5-22-52	5-23-52
Name of Test Tool	Johnston	Johnston	Johnston	Johnston
Kind of Packer	6 5/8" Form	6 5/8" Form	6 5/8" Form	6 5/8" Form
Depth of Hole	9305	9305	9800	9825
Depth--Bottom of Packer	9164	9190	9760	9788
Name--Formation Tested	Mc Kee Sand	Mc Kee Sand	Ellenburger	Ellenburger
Interval Tested (If Open Hole, so State; or if Perforated casing, Give Top and Bottom of Perforations)	9164 - 9305	9190 - 9305	9760 - 9800	9788 - 9825
Water Load		2000'	1500'	1500'
Chokes (Bottom and Top)	Packer Failed	5/8" - 1"	5/8" - 1"	5/8" - 1"
Total Length of Time Tool Open		One hour	One hour	One hour
No. of Times & Elapsed Time Tool Opened Each Attempt		Once	Once	Once
Surface Reaction: Type and Elapsed Time				
(1) Air		*	**	Fair inc to goc
(2) Gas		None	None	None
(3) Water Load (Specify if Charged with Oil or Gas)		None	None	None
(4) Drilling Mud (Specify if Cut with oil, Gas and/or Water)		None	None	None
(5) Oil/Gas (Estimate or Guage Quantity; % B. S. & /or water)		None	None	None
(6) Water (Specify kind and if cut with Oil and/or Gas or B. S.)		None	None	None
Recovery Fluid in Feet from Drill Pipe				
(1) Water Load		2000'	1500'	1500'
(2) Mud		30' Drlg.	20' Drlg.	None
(3) Oil and Gas		None	None	None
(4) Water--Kind? (i.e. Salt or Sulphur, Fresh, etc.)		None	None	***
BHP Flowing		950#	650#	925#
BHP Shut In		950#	650#	1625#
Rate Flow Oil and Gas		None	None	None
Gas/Oil Ratio BS & W		None	None	None

REMARKS: (Should Indicate Reaction after Tool Closed and While Coming out of Hole. Specify.)

* Fair blow, dec. & died in 20 min. ** Very weak blow, died in 10 min.

*** Rec. 180' mud cut salt water & 1200' saltwater

DRILL STEM TESTS

	13
Drill Stem Test No.	
Date	6-15-52
Name of Test Tool	Johnston
Kind of Packer	5½" Hookwall
Depth of Hole	7300'
Depth--Bottom of Packer	7136
Name--Formation Tested	Devonian
Interval Tested (If Open Hole, so State; or if Perforated casing, Give Top and Bottom of Perforations)	7218 - 7270
Water Load	None
Chokes (Bottom and Top)	5/8" - 1"
Total Length of Time Tool Open	50 hours
No. of Times & Elapsed Time Tool Opened Each Attempt	
Surface Reaction: Type and Elapsed Time	
(1) Air	Good blow
(2) Gas	Surf in 34 min
(3) Water Load (Specify if Charged with Oil or Gas)	Started
(4) Drilling Mud (Specify if Cut with oil, Gas and/or Water)	Swabbing
(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	830' oil
(4) Water—Kind? (i.e. Salt or Sulphur, Fresh, etc.)	270 sulfur water
BHP Flowing	950#
BHP Shut In	Not obtained
Rate Flow Oil and Gas	
Gas/Oil Ratio BS & W	

REMARKS: (Should Indicate Reaction after Tool Closed and While Coming out of Hole. Specify.)

Above Correct—Signature [signature]

Title District Foreman

Date 7-2-52

IT IS RECOMMENDED THIS INFORMATION BE COMPILED ON DERRICK FLOOR AND ORIGINAL BE PERMANENTLY RETAINED IN WELL RECORD.