

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Humble Oil & Refining Company			Lease New Mexico State M			Well No. 20	
Location of Well	Unit F	Sec 29	Twp 22		Rge 37	County Lea	
	Name of Reservoir or Pool		Type of Prod (Oil or Gas)	Method of Prod Flow, Art Lift	Prod. Medium (Tbg or Csg)		Choke Size
Upper Compl	Langlie-Mattix		Oil	Pump	Tbg.		Open
Lower Compl	Drinkard		Oil	Pump	Tbg.		Open

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 10:00 A.M. 1-30-62

Well opened at (hour, date): 7:30 A.M. 1-31-62	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	-	X
Pressure at beginning of test.....	185	203
Stabilized? (Yes or No).....	No	Yes
Maximum pressure during test.....	240	140
Minimum pressure during test.....	185	40
Pressure at conclusion of test.....	185	40
Pressure change during test (Maximum minus Minimum).....	65	100
Was pressure change an increase or a decrease?.....	Decrease	Decrease

Well closed at (hour, date): 7:30 A.M. 2-1-62 Total Time On Production 24 Hours

Oil Production Gas Production

During Test: 3 bbls; Grav. 37.1 ; During Test TSTM MCF; GOR -

Remarks Had trouble with polish rod stuffing boxes leaking on pressure build-up.

FLOW TEST NO. 2

Well opened at (hour, date): 2:15 P.M. 2-2-62	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	X	-
Pressure at beginning of test.....	250	240
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	250	240
Minimum pressure during test.....	40	150
Pressure at conclusion of test.....	40	160
Pressure change during test (Maximum minus Minimum).....	210	90
Was pressure change an increase or a decrease?.....	Decrease	Decrease

Well closed at (hour, date): 7:15 A.M. 2-3-62 Total time on Production 17 Hours

Oil Production Gas Production

During Test: 20 bbls; Grav. 34.9 ; During Test 153 MCF; GOR 7,650

Remarks Note: This dual is completed through two separate strings of casing cemented in same bore hole.

I hereby certify that the information herein contained is true and complete to the best of my knowledge.

Approved _____ 19
New Mexico Oil Conservation Commission

By _____
Title _____

Operator Humble Oil & Refining Co.

By _____
ORIGINAL
SIGNED: ARVIN D. EADY

Title Agent

Date February 8, 1962