

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTH EAST NEW MEXICO PACKER LEAKAGE T.

Operator Shell Oil Co.			Lease Sarkey			Well No. 2		
Location of Well	Unit K	Sec. 23	TWP 21	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 Blinebry		Gas		Flow		CSG		64/64
Middle Compl Tubb		Oil		Flow		TBG		32/64
Lower Compl Drinkard		Oil		Flow		TBG		36/64

FLOW TEST NO. 1

All zones shut-in (hour, date): 1:00 2-23-81

Well opened at (hour, date): 1:00 2-24-81

Upper Completion	Middle Completion	Lower Completion
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Indicate by (X) the zone producing..... X

Pressure at beginning of test..... 334 314 308

Stabilized? (Yes or No)..... Yes Yes Yes

Maximum pressure during test..... 334 314 308

Minimum pressure during test..... 320 288 245

Pressure at conclusion of test..... 320 288 245

Pressure change during test (Maximum minus Minimum) -14 -256 -63

Was pressure change an increase or a decrease?..... Decrease Decrease Decrease

Well closed at (hour, date): 1:00 2-25-81 Total Time on Production 24 Hrs

Oil Production _____ Gas Production _____

During Test: 6 bbls; Grav. 43.16; During Test _____ MCF; GOR _____

Remarks _____

FLOW TEST NO. 2

Well opened at (hour, date): 1:00 2-26-81

Upper Completion	Middle Completion	Lower Completion
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Indicate by (X) the zone producing..... X

Pressure at beginning of test..... 313 308 311

Stabilized? (Yes or No)..... Yes Yes Yes

Maximum pressure during test..... 318 310 312

Minimum pressure during test..... 44 308 311

Pressure at conclusion of test..... 44 310 312

Pressure change during test (Maximum minus Minimum) -274 +2 +1

Was pressure change an increase or decrease?..... Decrease Increase Increase

Well closed at (hour, date): 1:00 2-27-81 Total Time on Production 24 Hrs

Oil Production _____ Gas Production _____

During Test: 0 bbls; Grav. -; During Test _____ MCF; GOR _____

Remarks _____

FLOW TEST NO. 3

Well opened at (hour, date): 1:00 2-28-81

Upper Completion	Middle Completion	Lower Completion
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Indicate by (X) the zone producing..... X

Pressure at beginning of test..... 51 310 312

Stabilized? (Yes or No)..... Yes Yes Yes

Maximum pressure during test..... 56 310 312

Minimum pressure during test..... 51 296 77

Pressure at conclusion of test..... 56 296 77

Pressure change during test (Maximum minus Minimum) +5 -14 -235

Was pressure change an increase or a decrease?..... Increase Decrease Decrease

Well closed at (hour, date): 1:00 3-1-81 Total Time on Production 24 Hrs

Oil Production _____ Gas Production _____

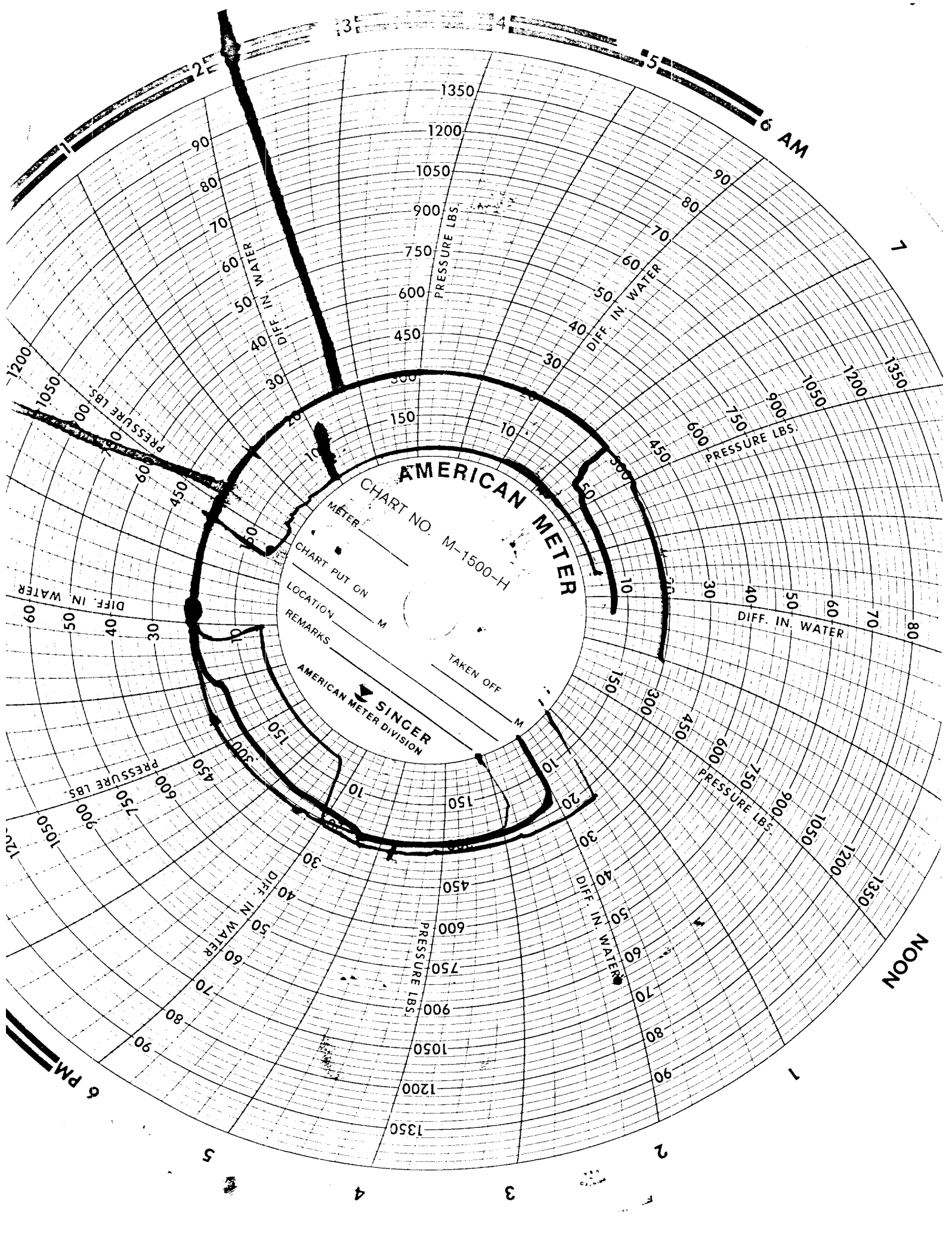
During Test: 1 bbls; Grav. 39.06; During Test _____ MCF; GOR _____

Remarks _____

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

Approved _____ 19 4/14/81
New Mexico Oil Conservation Commission
By Jerry Sexton Dist. L. Supr.
Title _____

Operator Shell Oil Co.
By M. C. Babcock
Title Supv. Oil Acctg.
Date 4-14-81



SHELL OIL COMPANY
NEW MEXICO PRODUCTION UNIT
BOX 1990
HOBBS, NEW MEXICO 88240

SHELL OIL COMPANY

Gas Injection

Field _____ Lease _____ Well No. _____
Date On _____ Date Off _____ Time On _____ M Time Off _____ M
Injection Choke Size _____ Line Size _____ Orifice Size _____
Intermitter Open _____ Mins. _____ Secs. each injection
Intermitter Injecting _____ Turns per clock rotation
Clock rotation once every _____ hrs.
Taken by _____
Remarks _____

EP-75 SHELL OIL CO. ORIFICE METER CHART

5 MEASUREMENT PT.	13 TYPE	14 15 NO./DAY/YR.
22 SEQ.	23 24 TEST HOURS	25 EST. DAYS
26 INSTR. READING	29 30 INSTR. READING	31
35 SP. GTY.	39 41 TEMP.	42 45 B.L.U.
46 ORIFICE SIZE	51 BASIC	52 53 COEFFICIENT
54 F.P.V.	71 EXPANSION	75 REYNOLDS
55 AV. DIFF.	56 57 AV. STATIC	61 62 63