

15-175-21040-00-00

NP

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE: 4-23-90

Company: Cabot Petroleum Corporation Lease: Bryant "B" Well No.: 3-8

County: Seward Location: C S2 NE Section: 8 Township: 33S Range: 33W Acres:

Field: Evalyn-Condit Reservoir: Chester Pipeline Connection: Williams

Completion Date: 4-1-90 Type Completion(Describe): Single Oil Plug Back T.D.: 6136 Packer Set At:

Production Method: Type Fluid Production: API Gravity of Liquid/Oil: 41.6

Flowing	xPumping	Gas Lift	Oil		
Casing Size	Weight	I.D.	Set At	Perforations	To
5.50	15.5	4.950	6231	6041	6066
Tubing Size	Weight	I.D.	Set At	Perforations	To
2.375	4.70	1.995	6125.29	-----	-----

Pretest: Starting Date 4-21-90 Time 9:00 AM Ending Date 4-22-90 Time 9:00 AM Duration Hrs. 24

Test: Starting Date 4-22-90 Time 9:00 AM Ending Date 4-23-90 Time 9:00 AM Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure: Casing: 95.0 Tubing: 210.0 (Back Press) Separator Pressure: 98 Choke Size: NA

Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:	210	5850	5	2	71.84	13	2	182.75	---	110.91
Test:	210	5850	133	2	182.75	14	6	201.24	---	18.49
Test:	210	5848	1	3 1/2	17.94	8	5	116.57	---	98.63

GAS PRODUCTION OBSERVED DATA

TOTAL BBLs 117.12

Orifice Meter Connections Orifice Meter Range

Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover-Tester Pressure			Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
			In.Water	In.Merc.	Psig or (Pd)			
Orifice Meter	03	0.875			140	8	.712	63
Critical Flow Prover								
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Coëff. (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia)(Pm)	Extension $\sqrt{hw \times Pm}$	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
4.79	154.65	35.174	1.185	0.9971	1.0159	1.000

Gas Prod. MCFD: 202 Oil Prod. Bbls./Day: 117 Gas/Oil Ratio (GOR) = 1726 Cubic Ft. per Bbl.

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the 7th day of May 1990

For Offset Operator: James R. Rapp For State: James R. Rapp For Company: James R. Rapp

CONSERVATION
 WICHITA, KANSAS

STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST
BARREL TEST

OPERATOR Cabot Petroleum Corporation LOCATION OF WELL C S2 NE
 LEASE Bryant "B" OF SEC. 8 T 33S R 33W
 WELL NO. 3-8 COUNTY Seward
 FIELD Evalyn Condit PRODUCING FORMATION Chester
 Date Taken 4-23-90 Date Effective 4-1-90
 Well Depth 6136 Top Prod. Form Chester Perfs 6041-6066
 Casing: Size 5.50 Wt. 15.5 Depth 6231 Acid _____
 Tubing: Size 2.375 Depth of Perfs 6041-6066 Gravity 41.6
 Pump: Type RWB Bore 2x1½x16' Purchaser Clear Creek
 Well Status Pumping
Pumping, flowing, etc.

TEST DATA

Permanent X Field _____ Special _____
 Flowing _____ Swabbing _____ Pumping X

STATUS BEFORE TEST:

PRODUCED 24 HOURS

SHUT IN 0 HOURS

DURATION OF TEST 24 HOURS _____ MINUTES _____ SECONDS

GAUGES: WATER 0 INCHES 0 PERCENTAGE

OIL 101.5 INCHES 100% PERCENTAGE

GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 117

WATER PRODUCTION RATE (BARRELS PER DAY) 0

OIL PRODUCTION RATE (BARRELS PER DAY) 117 PRODUCTIVITY

STROKES PER MINUTE 9

LENGTH OF STROKE 54" INCHES

REGULAR PRODUCING SCHEDULE 24 HOURS PER DAY.

COMMENTS _____

WITNESSES:

James A. Hay
FOR STATE

James L. Johnson
FOR OPERATOR

FOR OFFSET