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Conservation Division

Form C-5 Revised

TYPE TEST: Initial Annual Workover Reclassification TEST DATE: 6-19-92

Company: Matador Petroleum Corp. Lease: Adams Well No.: 9-1

County: Meade Location: Section 9 Township 35S Range 30W Acres: 11.71

Field: Adams Ranch Reservoir: St. Genivie Pipeline Connection: JUN 29 1992

Completion Date: 3-4-92 Type Completion(Describe): Single Gas Plug Back T.D.: 5945 Packer: Set At 1-29-92

Production Method: Flowing XX Pumping Gas Lift Type Fluid Production: oil/water API Gravity of Liquid Oil: 43 @ 74 = 41.8

Casing Size: 4 1/2 Weight: 10.5 I.D.: 4.052 Set At: 6006 Perforations: 5801 - 5840 To

Tubing Size: 2 3/8 Weight: 4.7 I.D.: 1.995 Set At: 5857 Perforations: To

Pretest: Starting Date: 6-16-92 Time: 11:00 a.m. Ending Date: 6-18-92 Time: 9:45 a.m. Duration Hrs.: 46.7

Test: Starting Date: 6-18-92 Time: 9:45 a.m. Ending Date: 6-19-92 Time: 9:45 a.m. Duration Hrs.: 24 hrs.

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure: Casing: 437 Tubing: 231 Separator Pressure: 231 Choke Size: 17/64

Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:	D H 14X16	14152-2	6	1	165.71	8	4	227.0	1.45	61.29
Test:		14152-2	8	4	227.0	10	3 1/2	280.35	-0-	53.35
Test:		14152-2	10	3 1/2	280.35	12	5	338.23	1.47	57.88

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections: Pipe Taps: Flange Taps: XX Orifice Meter Range: Differential: 50" Static Pressure: 500#

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		1.500	XX		131	6.48	.690	87
Critical Flow Prover								
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia) (Pm)	Extension /hw x Pm	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
11.12	145.4	30.6951	1.204	.9750	1.014	

Gas Prod. MCFD: 406 Oil Prod. Bbls./Day: 57.88 Gas/Oil Ratio (GOR) = 7.014 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 23rd day of June 19 92

For Company: *Paul Haskinson*
 HOSCO Operating, Inc.
 STATE CORPORATION COMMISSION

For Offset Operator

For State

JUL 2 1992

XX

Sample Number: 92-183

HOSCO OPERATING, INC.
NATURAL GAS ANALYSIS REPORT
316-624-5636

Operator: Matador Petro. Analysis Date: 06-23-92
Well Name: Adams 9-1 Sample Date: 06-19-92
Location: sec 09-twp 35-rge 30 Sample Pressure: 131 psig
County: Meade Sample Temperature: 87 F
State: Kansas

Sample Source: taken @ meter
Formation: St. Genevieve

Requested By: Matador Petro.
Sampled By: Ted Hoskinson

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XX

NATURAL GAS ANALYSIS

NAME	MOLE %
HELIUM	0.11
HYDROGEN	0.00
OXYGEN	0.00
HEXANES +	0.54
NITROGEN	2.08
METHANE	84.31
CARBON DIOXIDE	0.15
ETHANE	6.02
PROPANE	4.36
ISOBUTANE	0.51
N-BUTANE	1.26
ISOPENTANE	0.30
N-PENTANE	0.36

TOTALS 100.00

Specific Gravity: 0.6895

BTU/cu.ft. (saturated, 60 F. 14.73 psia): 1165.2

GPM - 3.851

XX

RECEIVED
STATE CORPORATION COMMISSION

JUL 2 1992

CONSERVATION DIVISION
Wichita, Kansas

HOSCO Operating, Inc.
P.O. Box 252
Liberal, Kansas 67901
316-624-5636 or
316-624-6258 - Unit 190

Producer Matador Petroleum Corp.
Well Name Adamss 9-1
Location 9-35S-30W
State Kansas County Meade

Csg 4 1/2 Wt 10.5 Set @ 6006 TD _____ PB 5945
Tbg 2 3/8 Wt 4.7 Set @ 5857 SN _____ Pkr _____
Perfs. 5801 to 5840 to _____ to _____
Prover _____ Meter 4" Taps Flange Orifice 1.500 Pcr 669 Tcr 388
Gg .690 API 43 @ 74 GM .817 Reservoir St. Genieve

STATE OIL AND GAS COMMISSION
JUL 2 1992
CONSERVATION DIVISION
Wichita, Kansas

Date Time of Reading	Elap Time Hours	Wellhead Pressure Data						Measurement Data				Liquids		Type Test:	Initial Annual	Special Retest	Ending Date	
		Csg Psig	Δ P Csg	Tbg Psig	Δ P Tbg	BHP Psig	Δ P BHP	Press. Psig	Diff	Temp.	Q mct/D	Cond bbls	Water bbls					Remarks Pertinent to Test Data Quality
																		0-500# 0-50" Roots Meas. CIG
																		Cond. tank - 2.27/per inch
																		Water tank - 2.93/per inch
																		17/64 choke - Sep. pressure - 231
																		Oil tank - 14'X16' Water tank - 16'
Tuesday		6-16-92																Cond. Start / End
1100		480		240				5.5	3.6		414							6'1" 2'2"
Wednesday		6-17-92																
1000		460		240				5.6	3.5		410	61.29	1.45					6'1" / 8'4" / 2'2" / 2'2.5"
Thursday		6-18-92																
0945	46.7	431		225				5.5	3.6	87	414							Spot
								5.5	3.7	88	426	53.35	-0-					24 hr. avg. 8'4" / 10'3.5" / 2'2.5" / 2'2.5"
								5.4	3.8	85	429							7 day avg.
Friday		6-19-92																
0945	24.0	437		231				131	6.48	87	406							Deadweight
								5.45	3.6	87	406							Spot
								5.45	3.6	88	406	57.88	1.47					24 hr. avg. 10'3.5" / 12'5" / 2'2.5" / 2'3"
																		Took gas and oil sample