

Computer Inventoried

DEAN'S TESTERS INC.

P. O. BOX 1182
LIBERAL, Ks. 67901PHONE
118 / 624-7340

Location St. Louis Type Test Conventional Date March 24, 1992
 Anchor Length and Size 62'; 30'X 6"OD-D.C., 32'X 4 1/2"OD-Perf. Total Depth 5652'
 Casing Depths 5585' & 5590' Below Straddle _____ Choke Size Bottom 5/8" Surface 1"
 Equipment Run 2 Packers, Jars, Sample Chamber, Safety joint, Circ. sub.

Lengths: Tool 95' D.P. 4985' ID 3.8" Wt. P. _____ ID _____ D.C. 596' ID 2.25"
 Mud Type Chemical Vls. 52 Wt. 9.1 Wtr. Loss 9.4 Cl. 3000 ppm

Recorders:
 Depth 5607' Make Kuster Cap. 6500 Ser. No. 10269 Inside
 Depth 5613' Make Kuster Cap. 6800 Ser. No. 10217 Outside
 Depth _____ Make _____ Cap. _____ Ser. No. _____ Below Straddle

Pressures:

Tool on Bottom @ <u>6:50</u> A.M.	Initial Hydrostatic <u>2745</u> psi
Initial Flow <u>61</u> Min.	IFP <u>148</u> psi to <u>112</u> psi
Initial Shut-In <u>117</u> Min.	ISIP <u>1623</u> psi
Final Flow <u>93</u> Min.	FFP <u>129</u> psi to <u>93</u> psi
Final Shut-In <u>176</u> Min.	FSIP <u>1533</u> psi
Tool off Bottom @ <u>2:25</u> P.M.	Final Hydrostatic <u>2736</u> psi Temp. <u>134</u>

Flow: Strong throughout. Gas to surface in 3 min.

Recovery: 180' Total Fluid. (.77 bbl.)
120' Gas Cut Mud. (0.51 bbl.)
60' Oil & Gas Cut Mud. (0.26 bbl.)

Gas Flow: 195 MCF/D @ end of F.F.P. (see attached sheet)

Sampler Data:

Pressure 100 PSI
 Gas 0.21 cu. ft.
 Total Fluid 400 cc
 Oil _____ cc
 Water -- cc
 Mud 400 Oil & Mud Emulsion cc
 Oil Gravity _____ °F.
 Gas/Oil Ratio _____

Remarks: Fluid Analysis:

	Cl. PPM	S.G.	Ph.	Rw.
Pit: <u>3000</u>		<u>1.005</u>	<u>8</u>	<u>1.20 @ 65 F.</u>
Top: <u>3500</u>		<u>1.005</u>	<u>8</u>	<u>1.20 @ 65 F.</u>
Middle <u>4000</u>		<u>1.005</u>	<u>8</u>	<u>1.00 @ 65 F.</u>
Bottom <u>6500</u>		<u>1.005</u>	<u>8</u>	<u>0.70 @ 65 F.</u>
Sampler <u>8500</u>		<u>1.010</u>	<u>8</u>	<u>0.50 @ 65 F.</u>

5% Oil

Tester Butch Young Witnessed by: Jim MabryRECEIVED
STATE COMMISSION

JUL - 8 1993

CONSERVATION DIVISION
Wichita, Kansas

SEC. 17

TWP. 32S

RGE. 33W

COUNTY Seward

STATE Kansas

TICKET NO. 3426

Cabot Oil & Gas Corporation
OPERATORJohnson #2-17
WELL NAME & NO.

TEST # 1

5590' - 5652'
TEST INTERVAL

Pressure Break Down

Test ticket no. 3426 Recorder no. 10269 Capacity 6500 Rec. Depth. 5607'

	Time	Given	Computed
Initial Flow pressure <u>148</u> to <u>112</u>		<u>60</u>	<u>61</u>
Initial Closed in pressure <u>1623</u>		<u>120</u>	<u>117</u>
Final Flow pressure <u>129</u> to <u>93</u>		<u>90</u>	<u>93</u>
Final Closed-in pressure <u>1533</u>		<u>180</u>	<u>176</u>
Initial Hydrostatic pressure <u>2745</u>	Final Hydrostatic press. <u>2736</u>	Temp <u>134</u>	

Initial Flow Press.		Initial Closed in Press.		Final Flow Press		Final Closed in Press.	
Minutes	Press	Minutes	Press	Minutes	Press	Minutes	Press
0	--	0	112	0	--	0	93
5	148	6	1305	5	129	10	1234
10	132	12	1385	10	119	20	1327
15	125	18	1430	15	109	30	1376
20	122	24	1466	20	106	40	1408
25	119	30	1488	25	103	50	1437
30	119	36	1511	30	96	60	1456
35	119	42	1530	35	87	70	1472
40	116	48	1543	40	83	80	1485
45	116	54	1556	45	83	90	1495
50	116	60	1569	50	87	100	1501
55	116	66	1581	55	87	110	1508
60	112	72	1588	60	87	120	1514
61	112	78	1594	65	87	130	1520
		84	1601	70	90	140	1524
		90	1607	75	90	150	1527
		96	1614	80	90	160	1530
		102	1617	85	93	170	1530
		108	1620	90	93	176	1533
		114	1623	93	93		
		117	1623				

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