



Home Office: Wichita, Kansas 67201

P.O. Box 1599

(316) 262-5861

James V. Sitton #2

Company Diamond Shamrock Oil & Gas Lease & Well No. \_\_\_\_\_  
 Elevation 1612 Kelly Bushing Formation Mississippi Effective Pay -- Ft. Ticket No. 6304  
 Date 6-27-80 Sec. 22 Twp. 25S Range 8 W County Reno State Kansas  
 Test Approved by Glenn Rose Western Representative Roger Mounts

Formation Test No. 1 Interval Tested from 3817 ft. to 3824 ft. Total Depth 3900 ft.  
 Packer Depth 3817 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.  
 Packer Depth 3824 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.  
 Depth of Selective Zone Set --

Top Recorder Depth (Inside) 3809 ft. Recorder Number 1566 Cap. 4300  
 Bottom Recorder Depth (Outside) 3821 ft. Recorder Number 2776 Cap. 4500  
 Below Straddle Recorder Depth 3898 ft. Recorder Number 3086 Cap. 4500

Drilling Contractor H-30 Drilling Inc. Rig #7 Drill Collar Length -- I. D. -- in.  
 Mud Type Mon-Pac Viscosity 42 Weight Pipe Length -- I. D. -- in.  
 Weight 9.5 Water Loss 13.4 cc. Drill Pipe Length 3786 I. D. 3.8 in.  
 Chlorides 20,000 P.P.M. Test Tool Length 38 ft. Tool Size 5 1/2 OD in.  
 Jars: Make W.T.C. Serial Number 3660 Anchor Length 76 ft. Size 5 1/2 OD in.  
 Did Well Flow? -- Reversed Out -- Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.  
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: Good Strong blow in 1st flow period off bottom in 2 inches-Gas to Surface 15 minutes  
2nd flow see attached sheet for gas measurements.

Recovered 50 ft. of Gas Cut Mud  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: \_\_\_\_\_

Time Set Packer(s) 7:10 A.M. Time Started Off Bottom 11:40 A.M. Maximum Temperature 106°  
P.M. P.M.  
 Initial Hydrostatic Pressure ..... (A) 1924 P.S.I.  
 Initial Flow Period ..... Minutes 30 (B) 24 P.S.I. to (C) 16 P.S.I.  
 Initial Closed In Period ..... Minutes 60 (D) 1096 P.S.I.  
 Final Flow Period ..... Minutes 60 (E) 43 P.S.I. to (F) 19 P.S.I.  
 Final Closed In Period ..... Minutes 123 (G) 1147 P.S.I.  
 Final Hydrostatic Pressure ..... (H) 1900 P.S.I.



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### GAS FLOW REPORT

Date 6/27/80 Ticket 6304 Company Diamond Shamrock Oil & Gas Co.  
 Well Name and No. James V. Sitton #2 Dst No. 1 Interval Tested 3817'-3824'  
 County Reno State Kansas Sec. 22 Twp. 25S Rg. 8W

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Meria Orifice Well Tester	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	P.S.I. on U-Tube Tester	Description of Flow
<b>PRE FLOW</b>						
Strong blow. No Gas.						

### SECOND FLOW

Gas to surface fifteen minutes on second flow.

8:55	7" of water	1/4" orifice				4,450 CFPD
9:05	12" of water	1/4" orifice				5,860 CFPD
9:15	1.0 lbs.	1/4" orifice				8,950 CFPD
9:25	2.5 lbs.	1/4" orifice				14,300 CFPD
9:30	2.5 lbs.	1/4" orifice				14,300 CFPD
9:35	2.5 lbs.	1/4" orifice				14,300 CFPD
9:40	2.5 lbs.	1/4" orifice				14,300 CFPD

### GAS BOTTLE

Serial No. --0-- Date Bottle Filled --0-- Date to be Invoiced 6/27/80

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1 1/2% per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME Diamond Shamrock Oil & Gas Co.

Authorized by Glenn Rose

WESTERN TESTING CO., INC.

Pressure Data

ate 6-27 Test Ticket No. 6304  
 recorder No. 1566 Capacity 4300 Location 3809 Ft.  
 clock No. ----- Elevation 1612 Kelly Bushing Well Temperature 106 °F

Point	Pressure		Time Given	Time Computed
Initial Hydrostatic Mud	<u>1924</u>	P.S.I.	<u>7:10 A</u>	<u>M</u>
First Initial Flow Pressure	<u>24</u>	P.S.I.	<u>30</u>	<u>30</u> Mins.
First Final Flow Pressure	<u>16</u>	P.S.I.	<u>60</u>	<u>60</u> Mins.
Initial Closed-in Pressure	<u>1096</u>	P.S.I.	<u>60</u>	<u>60</u> Mins.
Second Initial Flow Pressure	<u>43</u>	P.S.I.	<u>120</u>	<u>123</u> Mins.
Second Final Flow Pressure	<u>19</u>	P.S.I.		
Final Closed-in Pressure	<u>1147</u>	P.S.I.		
Final Hydrostatic Mud	<u>1900</u>	P.S.I.		

PRESSURE BREAKDOWN

Point ins.	First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.
	of <u>5</u>	mins. and a	of <u>3</u>	mins. and a	of <u>5</u>	mins. and a	of <u>3</u>	mins. and a
	final inc. of <u>0</u>	Min.	final inc. of <u>0</u>	Min.	final inc. of <u>0</u>	Min.	final inc. of <u>0</u>	Min.
	Point	Press.	Point	Press.	Point	Press.	Point	Press.
1	0	24	0	16	0	43	0	19
2	5	19	3	132	5	28	3	334
3	10	17	6	270	10	21	6	556
4	15	16	9	400	15	21	9	834
5	20	14	12	521	20	20	12	839
6	25	15	15	628	25	20	15	920
7	30	16	18	703	30	19	18	978
8			21	778	35	19	21	1017
9			24	842	40	19	24	1043
0			27	897	45	19	27	1064
1			30	940	50	19	30	1078
2			33	970	55	19	33	1088
3			36	1000	60	19	36	1100
4			39	1021			39	1106
5			42	1041			42	1110
6			45	1058			45	1114
7			48	1070			48	1118
8			51	1079			51	1122
9			54	1088			54	1125
0			57	1094			57	1128
			60	1096			60	1132

**WESTERN TESTING CO., INC.**  
**Pressure Data**

Date 6-27

Test Ticket No. 6304

Recorder No. 1566 Capacity 4300 Location 3809 Ft.

Clock No. ----- Elevation 1612 Kelly Bushing Well Temperature 106 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1924</u> P.S.I.	Open Tool	<u>7:10 A</u> M	
B First Initial Flow Pressure	<u>24</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>16</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>1096</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>43</u> P.S.I.	Final Closed-in Pressure	<u>120</u> Mins.	<u>123</u> Mins.
F Second Final Flow Pressure	<u>19</u> P.S.I.			
G Final Closed-in Pressure	<u>1147</u> P.S.I.			
H Final Hydrostatic Mud	<u>1900</u> P.S.I.			

**PRESSURE BREAKDOWN**

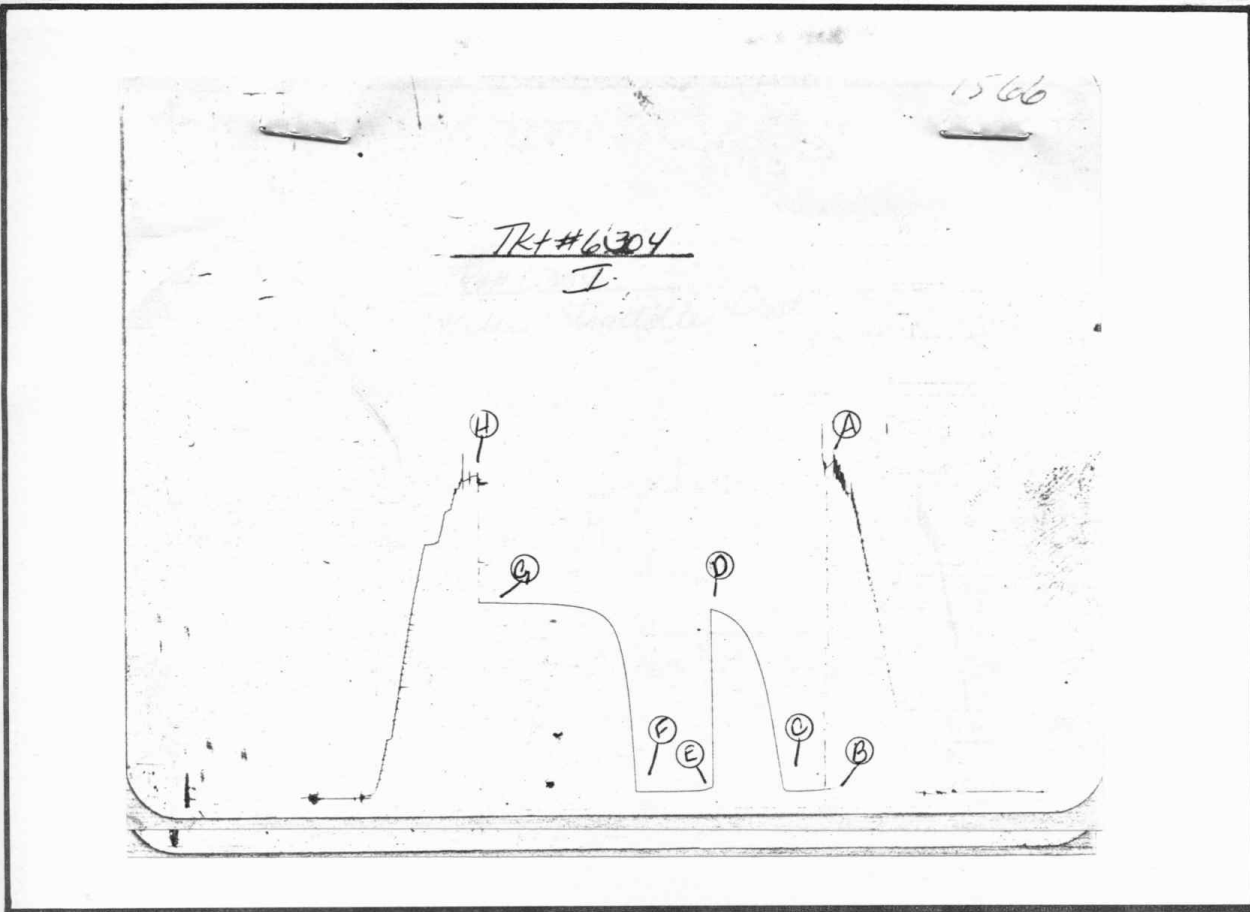
**First Flow Pressure**  
Breakdown: 6 Inc.  
of 5 mins. and a  
final inc. of 0 Min.

**Initial Shut-In**  
Breakdown: 20 Inc.  
of 3 mins. and a  
final inc. of 0 Min.

**Second Flow Pressure**  
Breakdown: 12 Inc.  
of 5 mins. and a  
final inc. of 0 Min.

**Final Shut-In**  
Breakdown: 41 Inc.  
of 3 mins. and a  
final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1						<u>63</u>	<u>1134</u>
P 2						<u>66</u>	<u>1136</u>
P 3						<u>69</u>	<u>1137</u>
P 4						<u>72</u>	<u>1138</u>
P 5						<u>75</u>	<u>1139</u>
P 6						<u>78</u>	<u>1139</u>
P 7						<u>81</u>	<u>1140</u>
P 8						<u>84</u>	<u>1140</u>
P 9						<u>87</u>	<u>1141</u>
P10						<u>90</u>	<u>1141</u>
P11						<u>93</u>	<u>1142</u>
P12						<u>96</u>	<u>1142</u>
P13						<u>99</u>	<u>1143</u>
P14						<u>102</u>	<u>1144</u>
P15						<u>105</u>	<u>1144</u>
P16						<u>108</u>	<u>1146</u>
P17						<u>111</u>	<u>1147</u>
P18						<u>114</u>	<u>1147</u>
P19						<u>117</u>	<u>1147</u>
P20						<u>120</u>	<u>1147</u>
						<u>123</u>	<u>1147</u>



This is an actual photograph of recorder chart.

POINT	PRESSURE		PSI
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1917	1924	PSI
(B) First Initial Flow Pressure	21	24	PSI
(C) First Final Flow Pressure	21	16	PSI
(D) Initial Closed-in Pressure	1098	1096	PSI
(E) Second Initial Flow Pressure	21	43	PSI
(F) Second Final Flow Pressure	21	19	PSI
(G) Final Closed-in Pressure	1151	1147	PSI
(H) Final Hydrostatic Mud	1884	1900	PSI

3086

TK# 6304  
Below Straddle Crest

