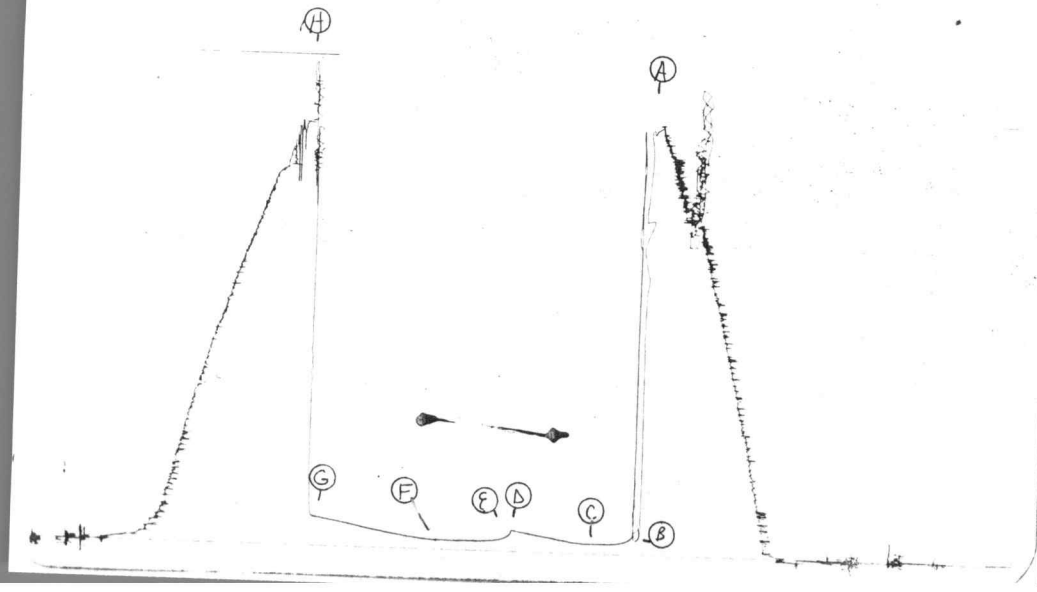


TKT # 14884

13267



Company Eagle Explorations, Inc. Lease & Well No. Eagle Long #1
Elevation - Formation Mississippi Effective Pay - Ft. Ticket No. 14884
Date 6/12/81 Sec. 26 Twp. 33S Range 12W County Barber State Kansas
Test Approved by Doug McGinniss Jr. Western Representative Les Holtz
Formation Test No. 1 Interval Tested from 4573 ft. to 4600 ft. Total Depth 4600 ft.
Packer Depth 4568 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 4573 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 4580 ft. Recorder Number 1051 Cap. 4250
Bottom Recorder Depth (Outside) 4583 ft. Recorder Number 13267 Cap. 4050
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Sarcee Rig #5 Drill Collar Length 240 I. D. 2.25 in.
Mud Type Impermix Viscosity 46 Weight Pipe Length - I. D. - in.
Weight 9.0 Water Loss 9.2 cc. Drill Pipe Length 4303 I. D. 3.2 in.
Chlorides 10,000 P.P.M. Test Tool Length 30 ft. Tool Size 5 1/2 in.
Jars: Make WTC Serial Number 410 Anchor Length 27 ft. Size 5 1/2 in.
Did Well Flow? No 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 in.

Blow: Weak blow died in 20 minutes inot initial flow period. Final flow period weak blow increasing slightly.

Recovered 66 ft. of gas cut mud

Recovered - ft. of -

Recovered - ft. of -

Recovered - ft. of -

Recovered - ft. of -

Remarks: When opened tool - no blow- checked all valves - flushed tool - blow began.

Read outside chart

Time Set Packer(s)	<u>12:38</u> AM P.M.	Time Started Off Bottom	<u>4:38</u> AM P.M.	Maximum Temperature	<u>125</u>
Initial Hydrostatic Pressure	(A) <u>2184</u>		P.S.I.		
Initial Flow Period	Minutes <u>30</u>	(B) <u>50</u>	P.S.I. to (C)	<u>50</u>	P.S.I.
Initial Closed In Period	Minutes <u>60</u>	(D) <u>107</u>		P.S.I.	
Final Flow Period	Minutes <u>60</u>	(E) <u>47</u>	P.S.I. to (F)	<u>47</u>	P.S.I.
Final Closed In Period	Minutes <u>87</u>	(G) <u>150</u>		P.S.I.	
Final Hydrostatic Pressure	(H) <u>2164</u>		P.S.I.		

WESTERN TESTING CO., INC.
Pressure Data

Date 6/12/81 Recorder No. 13267 Capacity 4050 Test Ticket No. 14884
Clock No. - Elevation - Location 4583 Ft. Well Temperature 125 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud <u>2184</u>	P.S.I.	Open Tool	<u>12:38P</u>	<u>M</u>
B First Initial Flow Pressure <u>50</u>	P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure <u>50</u>	P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure <u>107</u>	P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure <u>47</u>	P.S.I.	Final Closed-in Pressure	<u>90</u> Mins.	<u>87</u> Mins.
F Second Final Flow Pressure <u>47</u>	P.S.I.			
G Final Closed-in Pressure <u>150</u>	P.S.I.			
H Final Hydrostatic Mud <u>2164</u>	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Initial Shut-In Breakdown: <u>20</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.		Second Flow Pressure Breakdown: <u>12</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Final Shut-In Breakdown: <u>29</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>50</u>	<u>0</u>	<u>50</u>	<u>0</u>	<u>47</u>	<u>0</u>	<u>47</u>
P 2 <u>5</u>	<u>50</u>	<u>3</u>	<u>51</u>	<u>5</u>	<u>47</u>	<u>3</u>	<u>50</u>
P 3 <u>10</u>	<u>50</u>	<u>6</u>	<u>52</u>	<u>10</u>	<u>47</u>	<u>6</u>	<u>53</u>
P 4 <u>15</u>	<u>50</u>	<u>9</u>	<u>53</u>	<u>15</u>	<u>47</u>	<u>9</u>	<u>56</u>
P 5 <u>20</u>	<u>50</u>	<u>12</u>	<u>54</u>	<u>20</u>	<u>47</u>	<u>12</u>	<u>58</u>
P 6 <u>25</u>	<u>50</u>	<u>15</u>	<u>56</u>	<u>25</u>	<u>47</u>	<u>15</u>	<u>60</u>
P 7 <u>30</u>	<u>50</u>	<u>18</u>	<u>60</u>	<u>30</u>	<u>47</u>	<u>18</u>	<u>63</u>
P 8 _____		<u>21</u>	<u>63</u>	<u>35</u>	<u>47</u>	<u>21</u>	<u>67</u>
P 9 _____		<u>24</u>	<u>67</u>	<u>40</u>	<u>47</u>	<u>24</u>	<u>70</u>
P10 _____		<u>27</u>	<u>70</u>	<u>45</u>	<u>47</u>	<u>27</u>	<u>72</u>
P11 _____		<u>30</u>	<u>73</u>	<u>50</u>	<u>47</u>	<u>30</u>	<u>76</u>
P12 _____		<u>33</u>	<u>77</u>	<u>55</u>	<u>47</u>	<u>33</u>	<u>79</u>
P13 _____		<u>36</u>	<u>79</u>	<u>60</u>	<u>47</u>	<u>36</u>	<u>84</u>
P14 _____		<u>39</u>	<u>82</u>			<u>39</u>	<u>87</u>
P15 _____		<u>42</u>	<u>86</u>			<u>42</u>	<u>91</u>
P16 _____		<u>45</u>	<u>90</u>			<u>45</u>	<u>94</u>
P17 _____		<u>48</u>	<u>93</u>			<u>48</u>	<u>97</u>
P18 _____		<u>51</u>	<u>97</u>			<u>51</u>	<u>100</u>
P19 _____		<u>54</u>	<u>100</u>			<u>54</u>	<u>105</u>
P20 _____		<u>57</u>	<u>103</u>			<u>57</u>	<u>110</u>
WTC - 4		<u>60</u>	<u>107</u>			<u>60</u>	<u>116</u>

CONT'D NEXT PAGE

WESTERN TESTING CO., INC.

Pressure Data

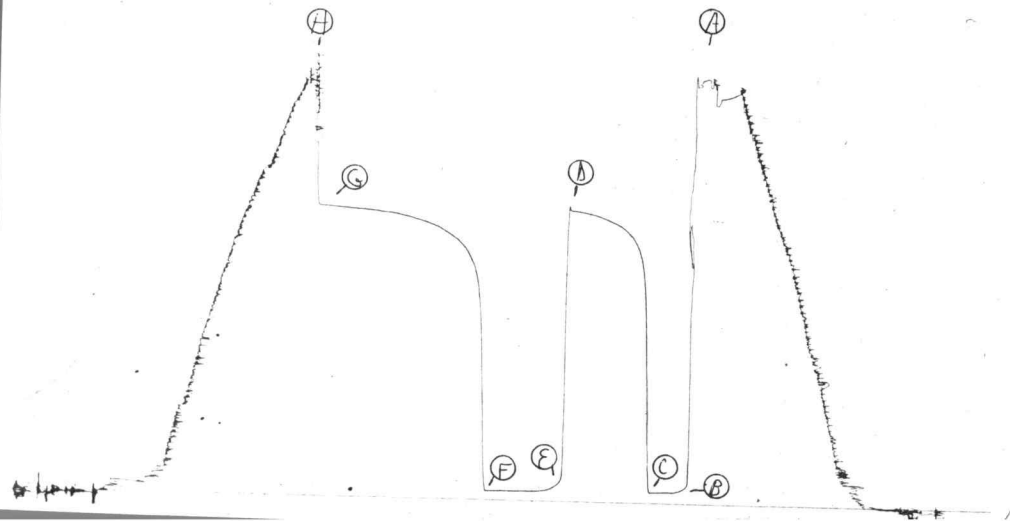
Date 6/12/81 Recorder No. 13267 Capacity 4050 Test Ticket No. 14884
 Clock No. - Elevation - Location 4583 Ft. Well Temperature 125 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2184</u>	P.S.I.	<u>12:38P</u>	<u>M</u>
B First Initial Flow Pressure	<u>50</u>	P.S.I.	<u>30</u>	<u>Mins. 30</u>
C First Final Flow Pressure	<u>50</u>	P.S.I.	<u>60</u>	<u>Mins. 60</u>
D Initial Closed-in Pressure	<u>107</u>	P.S.I.	<u>60</u>	<u>Mins. 60</u>
E Second Initial Flow Pressure	<u>47</u>	P.S.I.	<u>90</u>	<u>Mins. 87</u>
F Second Final Flow Pressure	<u>47</u>	P.S.I.		
G Final Closed-in Pressure	<u>150</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2164</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>29</u> 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 Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1						<u>63</u>	<u>120</u>
P 2						<u>66</u>	<u>124</u>
P 3						<u>69</u>	<u>128</u>
P 4						<u>72</u>	<u>132</u>
P 5						<u>75</u>	<u>136</u>
P 6						<u>78</u>	<u>140</u>
P 7						<u>81</u>	<u>144</u>
P 8						<u>84</u>	<u>147</u>
P 9						<u>87</u>	<u>150</u>
P10							
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

TKT # 14885
C



Company Eagle Explorations, Inc. Lease & Well No. Eagle Long #1
Elevation - Formation Mississippi Effective Pay - Ft. Ticket No. 14885
Date 6/13/81 Sec. 26 Twp. 33S Range 12W County Barber State Kansas
Test Approved by Bobby ? Western Representative Les Holtz
Formation Test No. 2 Interval Tested from 4600 ft. to 4615 ft. Total Depth 4615 ft.
Packer Depth 4595 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 4600 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 4605 ft. Recorder Number 1051 Cap. 4250
Bottom Recorder Depth (Outside) 4608 ft. Recorder Number 13267 Cap. 4050
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Sarcee Rig #5 Drill Collar Length 240 I. D. 2.25 in.
Mud Type Impermix Viscosity 46 Weight Pipe Length - I. D. - in.
Weight 8.9 Water Loss 9.2 cc. Drill Pipe Length 4330 I. D. 3.2 in.
Chlorides 12,000 P.P.M. Test Tool Length 30 ft. Tool Size 5 1/2 in.
Jars: Make WTC Serial Number 410 Anchor Length 15 ft. Size 5 1/2 in.
Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/4 XH in.

Blow: Gas to surface in 5 minutes on initial flow period. See attached sheet for gas measurements.

Recovered 90 ft. of drilling mud
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of

Remarks:

Time Set Packer(s) 7:38 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 12:08 ~~P.M.~~ ^{A.M.} Maximum Temperature -
Initial Hydrostatic Pressure 2172 (A) P.S.I.
Initial Flow Period 30 Minutes (B) 52 P.S.I. to (C) 52 P.S.I.
Initial Closed In Period 60 Minutes (D) 1520 P.S.I.
Final Flow Period 55 Minutes (E) 48 P.S.I. to (F) 48 P.S.I.
Final Closed In Period 123 Minutes (G) 1518 P.S.I.
Final Hydrostatic Pressure 2155 (H) P.S.I.

GAS FLOW REPORT

Date 6/13/81 Ticket 14885 Company Eagle Explorations, Inc.
 Well Name and No. Eagle Long #1 Dst No. 2 Interval Tested 4600-4615
 County Barber State Kansas Sec. 26 Twp. 33S Rg. 12W

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Merla 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
Gas to surface in 5 minutes PRE FLOW						
	10 Min	5 PSIG	½" Orifice			78,100 C.F.P.D.
	15 Min	15 PSIG	½" Orifice			147,000 C.F.P.D.
	20 Min	14 PSIG	½" Orifice			141,000 C.F.P.D.
	30 Min	12 PSIG	½" Orifice			129,000 C.F.P.D.

SECOND FLOW						
	10 Min	18 PSIG	½" Orifice			166,000 C.F.P.D.
	20 Min	13 PSIG	½" Orifice			134,000 C.F.P.D.
	30 Min	14 PSIG	½" Orifice			141,000 C.F.P.D.
	40 Min	14 PSIG	½" Orifice			141,000 C.F.P.D.
	50 Min	14 PSIG	½" Orifice			141,000 C.F.P.D.
	60 Min	14 PSIG	½" Orifice			141,000 C.F.P.D.

GAS BOTTLE

Serial No. - Date Bottle Filled - Date to be Invoiced 6/13/81

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% per month, equal to 12% 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 Eagle Explorations, Inc.

Authorized by Bobby Ray ?

WESTERN TESTING CO., INC.

Pressure Data

Date 6/13/81 Recorder No. 13267 Capacity 4050 Test Ticket No. 14885
 Location 4608 Ft. - Well Temperature - °F
 Clock No. - Elevation -

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	2172 P.S.I.	7:38A	M
B First Initial Flow Pressure	52 P.S.I.	30 Mins.	30 Mins.
C First Final Flow Pressure	52 P.S.I.	60 Mins.	60 Mins.
D Initial Closed-in Pressure	1520 P.S.I.	60 Mins.	55 Mins.
E Second Initial Flow Pressure	48 P.S.I.	120 Mins.	123 Mins.
F Second Final Flow Pressure	48 P.S.I.		
G Final Closed-in Pressure	1518 P.S.I.		
H Final Hydrostatic Mud	2155 P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	52	0	52	0	48	0	48
P 2 5	52	3	821	5	48	3	632
P 3 10	52	6	1216	10	48	6	1051
P 4 15	52	9	1319	15	48	9	1189
P 5 20	52	12	1364	20	48	12	1248
P 6 25	52	15	1398	25	48	15	1295
P 7 30	52	18	1419	30	48	18	1325
P 8		21	1437	35	48	21	1346
P 9		24	1451	40	48	24	1366
P10		27	1461	45	48	27	1380
P11		30	1471	50	48	30	1394
P12		33	1480	55	48	33	1408
P13		36	1488			36	1420
P14		39	1494			39	1428
P15		42	1502			42	1437
P16		45	1506			45	1445
P17		48	1510			48	1451
P18		51	1513			51	1457
P19		54	1516			54	1462
P20		57	1518			57	1470
		60	1520			60	1475

WESTERN TESTING CO., INC.

Pressure Data

Date 6/13/81 Test Ticket No. 14885
 Recorder No. 13267 Capacity 4050 Location _____ Ft.
 Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2172	P.S.I.	7:38A	M
B First Initial Flow Pressure	52	P.S.I.	30	Mins. 30 Mins.
C First Final Flow Pressure	52	P.S.I.	60	Mins. 60 Mins.
D Initial Closed-in Pressure	1520	P.S.I.	60	Mins. 55 Mins.
E Second Initial Flow Pressure	48	P.S.I.	120	Mins. 123 Mins.
F Second Final Flow Pressure	48	P.S.I.		
G Final Closed-in Pressure	1518	P.S.I.		
H Final Hydrostatic Mud	2155	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>11</u> Inc.		Breakdown: <u>41</u> 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 Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1						63	1480
P 2						66	1485
P 3						69	1487
P 4						72	1489
P 5						75	1491
P 6						78	1493
P 7						81	1495
P 8						84	1497
P 9						87	1499
P10						90	1502
P11						93	1504
P12						96	1506
P13						99	1508
P14						102	1509
P15						105	1510
P16						108	1512
P17						111	1514
P18						114	1516
P19						117	1517
P20						120	1518
						123	1518