Company Sunburst Exploration Company Lease & Well No. Jacobs #1

Elevation 1336 Kelly Bushing Formation Simpson Effective Pay - Ft. Ticket No. 7926

Date 5/25/81 Sec. 32 Twp. 28S Range 3W County Sedgwick State Kansas

Test Approved by Ron Irion Western Representative Norman Allen

Formation Test No. 1 Interval Tested from 4202 ft. to 4214 ft. Total Depth 4214 ft.

Packer Depth 4202 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4197 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4207 ft. Recorder Number 13268 Cap. 4225

Bottom Recorder Depth (Outside) 4210 ft. Recorder Number 1559 Cap. 4200

Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor White & Ellis Drilling Rig #4 Drill Collar Length 120 I. D. 2¼ in.

Mud Type Starch Viscosity 47 Weight Pipe Length - I. D. - in.

Weight 9.5 Water Loss 8.0 cc. Drill Pipe Length 4054 I. D. 3.8 in.

Chlorides 40,000 P.P.M. Test Tool Length 23 ft. Tool Size 5½OD in.

Jars: Make - Serial Number - Anchor Length 12 ft. Size 5½OD 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 4½XH in.

Blow: Weak for 30 minutes.

Recovered 55 ft. of drilling mud with few specks of oil in tool

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 7:30 A.M. P.M. Time Started Off Bottom 11:30 A.M. P.M. Maximum Temperature 129

Initial Hydrostatic Pressure			(A)	2237	P.S.I.	
Initial Flow Period	Minutes	30	(B)	53	P.S.I. to (C)	36 P.S.I.
Initial Closed In Period	Minutes	57	(D)	1456	P.S.I.	
Final Flow Period	Minutes	60	(E)	75	P.S.I. to (F)	53 P.S.I.
Final Closed In Period	Minutes	87	(G)	1346	P.S.I.	
Final Hydrostatic Pressure			(H)	2237	P.S.I.	

WTC

WESTERN TESTING CO., INC.
Pressure Data

Date 5/25/81 Test Ticket No. 7926

Recorder No. 13268 Capacity 4225 Location 4207 Ft.

Clock No. - Elevation 1336 Kelly Bushing Well Temperature 129 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2237 P.S.I.	Open Tool	7:30A M	
B First Initial Flow Pressure	53 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	36 P.S.I.	Initial Closed-in Pressure	60 Mins.	57 Mins.
D Initial Closed-in Pressure	1456 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	75 P.S.I.	Final Closed-in Pressure	90 Mins.	87 Mins.
F Second Final Flow Pressure	53 P.S.I.			
G Final Closed-in Pressure	1346 P.S.I.			
H Final Hydrostatic Mud	2237 P.S.I.			

PRESSURE BREAKDOWN

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

Point Mins.	Press.
P 1 0	53
P 2 5	41
P 3 10	36
P 4 15	36
P 5 20	36
P 6 25	36
P 7 30	36
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 19 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	36
3	83
6	380
9	698
12	878
15	994
18	1078
21	1146
24	1196
27	1241
30	1276
33	1304
36	1335
39	1357
42	1378
45	1397
48	1416
51	1428
54	1445
57	1456

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

Point Minutes	Press.
0	75
5	60
10	53
15	51
20	51
25	51
30	51
35	51
40	51
45	52
50	53
55	53
60	53

Final Shut-In
Breakdown: 29 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	53
3	56
6	64
9	85
12	150
15	278
18	470
21	653
24	779
27	868
30	932
33	966
36	1006
39	1055
42	1089
45	1120
48	1150
51	1175
54	1198
57	1215
60	1232

CONT'D NEXT PAGE

WESTERN TESTING CO., INC.

Pressure Data

Date 5/25/81 Test Ticket No. 7926

Recorder No. 13268 Capacity 4225 Location 4207 Ft.

Clock No. - Elevation 1336 Kelly Bushing Well Temperature 129 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2237 P.S.I.	Open Tool	7:30A M	
B First Initial Flow Pressure	53 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	36 P.S.I.	Initial Closed-in Pressure	60 Mins.	57 Mins.
D Initial Closed-in Pressure	1456 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	75 P.S.I.	Final Closed-in Pressure	90 Mins.	87 Mins.
F Second Final Flow Pressure	53 P.S.I.			
G Final Closed-in Pressure	1346 P.S.I.			
H Final Hydrostatic Mud	2237 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: 19 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: 29 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						63	1251
P 2						66	1266
P 3						69	1283
P 4						72	1293
P 5						75	1306
P 6						78	1316
P 7						81	1327
P 8						84	1335
P 9						87	1346
P10							
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

IKT # 1926

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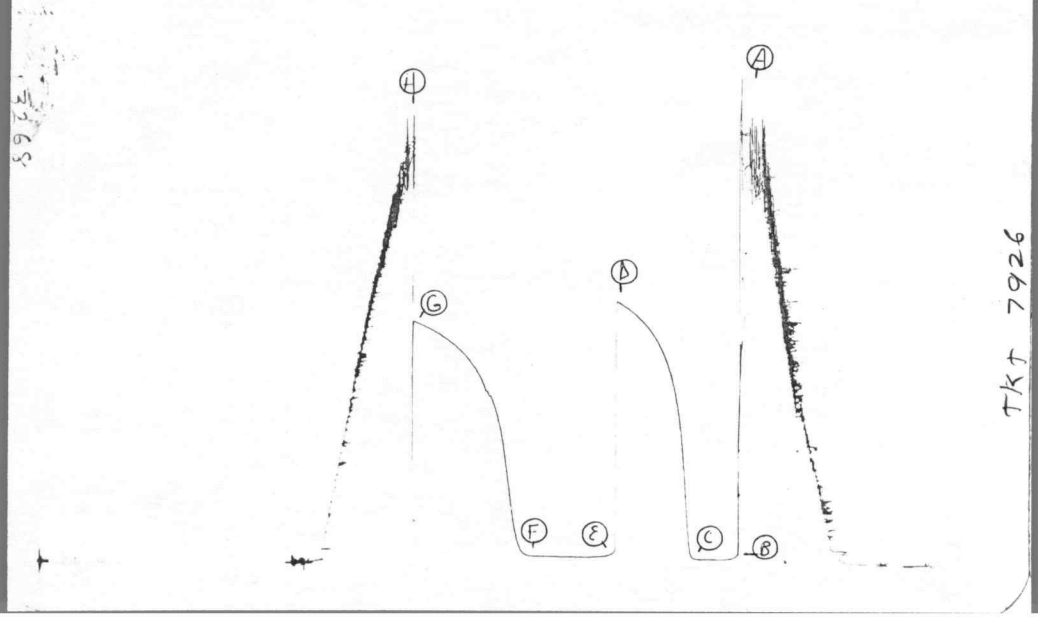

IKT 7926

Company Sunburst Exploration Company — Lease & Well No. Jacobs #1

Elevation 1336 Kelly Bushing — Formation Simpson — Effective Pay - Ft. — Ticket No. 7927

Date 5/25/81 — Sec. 32 — Twp. 28S — Range 3W — County Sedgwick — State Kansas

Test Approved by Ron Irion — Western Representative Norman Allen

Formation Test No. 2 — Interval Tested from 4214 ft. to 4230 ft. — Total Depth 4230 ft.

Packer Depth 4214 ft. — Size 6 3/4 in. — Packer Depth - ft. — Size - in.

Packer Depth 4209 ft. — Size 6 3/4 in. — Packer Depth - ft. — Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4223 ft. — Recorder Number 13268 — Cap. 4225

Bottom Recorder Depth (Outside) 4226 ft. — Recorder Number 1559 — Cap. 4200

Below Straddle Recorder Depth - ft. — Recorder Number - — Cap. -

Drilling Contractor White & Ellis Drilling Rig #4 — Drill Collar Length 120 — I. D. 2¼ in.

Mud Type Starch — Viscosity 48 — Weight Pipe Length - — I. D. - in.

Weight 9.4 — Water Loss 8.8 cc. — Drill Pipe Length 4071 — I. D. 3.8 in.

Chlorides 40,000 P.P.M. — Test Tool Length 23 ft. — Tool Size 5½OD in.

Jars: Make - — Serial Number - — Anchor Length 16 ft. — Size 5½OD 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 4½XH in.

Blow: Fair diminishing to weak at end of test.

Recovered 350 ft. of drilling mud

Recovered 240 ft. of slightly muddy salt water

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Slid tool 25 ft. to bottom.

Time Set Packer(s) 10:00 ~~A.M.~~ P.M. — Time Started Off Bottom 2:00 A.M. ~~P.M.~~ — Maximum Temperature 133

Initial Hydrostatic Pressure			(A)	2260	P.S.I.	
Initial Flow Period	Minutes 30	(B)	244	P.S.I. to (C)	240	P.S.I.
Initial Closed In Period	Minutes 57	(D)	1965	P.S.I.		
Final Flow Period	Minutes 60	(E)	270	P.S.I. to (F)	280	P.S.I.
Final Closed In Period	Minutes 90	(G)	1782	P.S.I.		
Final Hydrostatic Pressure		(H)	2216	P.S.I.		

WESTERN TESTING CO., INC.
Pressure Data

Date 5/25/81 Test Ticket No. 7927

Recorder No. 13268 Capacity 4225 Location 4223 Ft.

Clock No. - Elevation 1336 Kelly Bushing Well Temperature 133 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2260 P.S.I.	Open Tool	10:00P M	
B First Initial Flow Pressure	244 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	240 P.S.I.	Initial Closed-in Pressure	60 Mins.	57 Mins.
D Initial Closed-in Pressure	1965 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	270 P.S.I.	Final Closed-in Pressure	90 Mins.	90 Mins.
F Second Final Flow Pressure	280 P.S.I.			
G Final Closed-in Pressure	1782 P.S.I.			
H Final Hydrostatic Mud	2216 P.S.I.			

PRESSURE BREAKDOWN

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

Point Mins.	Press.
P 1 0	244
P 2 5	231
P 3 10	229
P 4 15	231
P 5 20	235
P 6 25	238
P 7 30	240
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 19 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	240
3	1331
6	1530
9	1627
12	1705
15	1755
18	1793
21	1825
24	1850
27	1869
30	1886
33	1901
36	1914
39	1925
42	1935
45	1944
48	1949
51	1957
54	1962
57	1965

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

Point Minutes	Press.
0	270
5	267
10	265
15	265
20	266
25	267
30	267
35	270
40	272
45	274
50	276
55	278
60	280

Final Shut-In
Breakdown: 30 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	280
3	966
6	1135
9	1234
12	1312
15	1365
18	1416
21	1454
24	1487
27	1519
30	1544
33	1568
36	1589
39	1610
42	1627
45	1643
48	1658
51	1673
54	1683
57	1696
60	1707

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WESTERN TESTING CO., INC.

Pressure Data

Date 5/25/81 Test Ticket No. 7927

Recorder No. 13268 Capacity 4225 Location 4223 Ft.

Clock No. - Elevation 1336 Kelly Bushing Well Temperature 133 °F

Point		Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud	2260 P.S.I.	Open Tool	10:00P M	
B	First Initial Flow Pressure	244 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	240 P.S.I.	Initial Closed-in Pressure	60 Mins.	57 Mins.
D	Initial Closed-in Pressure	1965 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E	Second Initial Flow Pressure	270 P.S.I.	Final Closed-in Pressure	90 Mins.	90 Mins.
F	Second Final Flow Pressure	280 P.S.I.			
G	Final Closed-in Pressure	1782 P.S.I.			
H	Final Hydrostatic Mud	2216 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: 19 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: 30 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						63	1717
P 2						66	1728
P 3						69	1736
P 4						72	1745
P 5						75	1753
P 6						78	1761
P 7						81	1767
P 8						84	1774
P 9						87	1780
P10						90	1782
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

IKT # 7927

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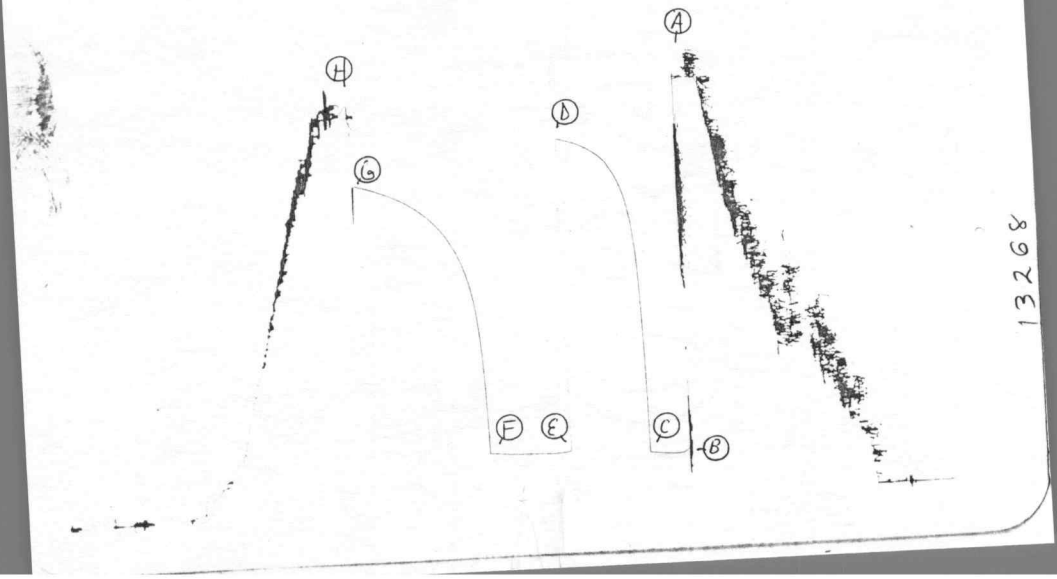

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