Company Derrick-American Oil, Inc. Lease & Well No. #1 Beahm "B" Unit

Elevation - Formation Kansas City Effective Pay - Ft. Ticket No. 9666

Date 2/9/81 Sec. 35 Twp. 19S Range 15W County Barton State Kansas

Test Approved by J W Thompson Western Representative Dan Delaney

Formation Test No. 1 Interval Tested from 3238 ft. to 3315 ft. Total Depth 3315 ft.

Packer Depth 3238 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Packer Depth 3233 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3241 ft. Recorder Number 6234 Cap. 4500

Bottom Recorder Depth (Outside) 3244 ft. Recorder Number 4339 Cap. 4300

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

Drilling Contractor Duke Rig #2 Drill Collar Length - I. D. - in.

Mud Type Salt-Gel-Starch Viscosity 45 Weight Pipe Length 560 I. D. 2.7 in.

Weight 10.1 Water Loss 19.3 cc. Drill Pipe Length 2657 I. D. 3.8 in.

Chlorides 81,000 P.P.M. Test Tool Length 21 ft. Tool Size 4½ in.

Jars: Make - Serial Number - Anchor Length 77 ft. Size 5½ in.

Did Well Flow? No Reversed Out No Surface Choke Size ½ in. Bottom Choke Size ½ in.

Main Hole Size 7 7/8 in. Tool Joint Size 4½XH in.

Blow: Initial flow period weak blow building to a strong blow. Strong blow throughout final flow period.

Recovered 150 ft. of oil & gas cut mud (slightly) - watery

Recovered 540 ft. of slightly oil & gas cut muddy water

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 6:10 A.M. P.M. Time Started Off Bottom 8:40 A.M. P.M. Maximum Temperature 108

Initial Hydrostatic Pressure			(A)	1751	P.S.I.	
Initial Flow Period	Minutes 30	(B)	64	P.S.I. to (C)	190	P.S.I.
Initial Closed In Period	Minutes 27	(D)	1011	P.S.I.		
Final Flow Period	Minutes 60	(E)	227	P.S.I. to (F)	374	P.S.I.
Final Closed In Period	Minutes 27	(G)	1002	P.S.I.		
Final Hydrostatic Pressure		(H)	1724	P.S.I.		

WTC-1

WESTERN TESTING CO., INC.

Pressure Data

Date 2/9/81 Test Ticket No. 9666

Recorder No. 6234 Capacity 4500 Location 3241 Ft.

Clock No. --- Elevation ------ Well Temperature 108 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	1751 P.S.I.		Open Tool	6:10P M	
B	First Initial Flow Pressure	64 P.S.I.		First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	190 P.S.I.		Initial Closed-in Pressure	30 Mins.	27 Mins.
D	Initial Closed-in Pressure	1011 P.S.I.		Second Flow Pressure	60 Mins.	60 Mins.
E	Second Initial Flow Pressure	227 P.S.I.		Final Closed-in Pressure	30 Mins.	27 Mins.
F	Second Final Flow Pressure	374 P.S.I.				
G	Final Closed-in Pressure	1002 P.S.I.				
H	Final Hydrostatic Mud	1724 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	64
P 2 5	73
P 3 10	101
P 4 15	126
P 5 20	156
P 6 25	177
P 7 30	190
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 9 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	190
3	885
6	939
9	962
12	980
15	989
18	1000
21	1005
24	1007
27	1011
30	

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

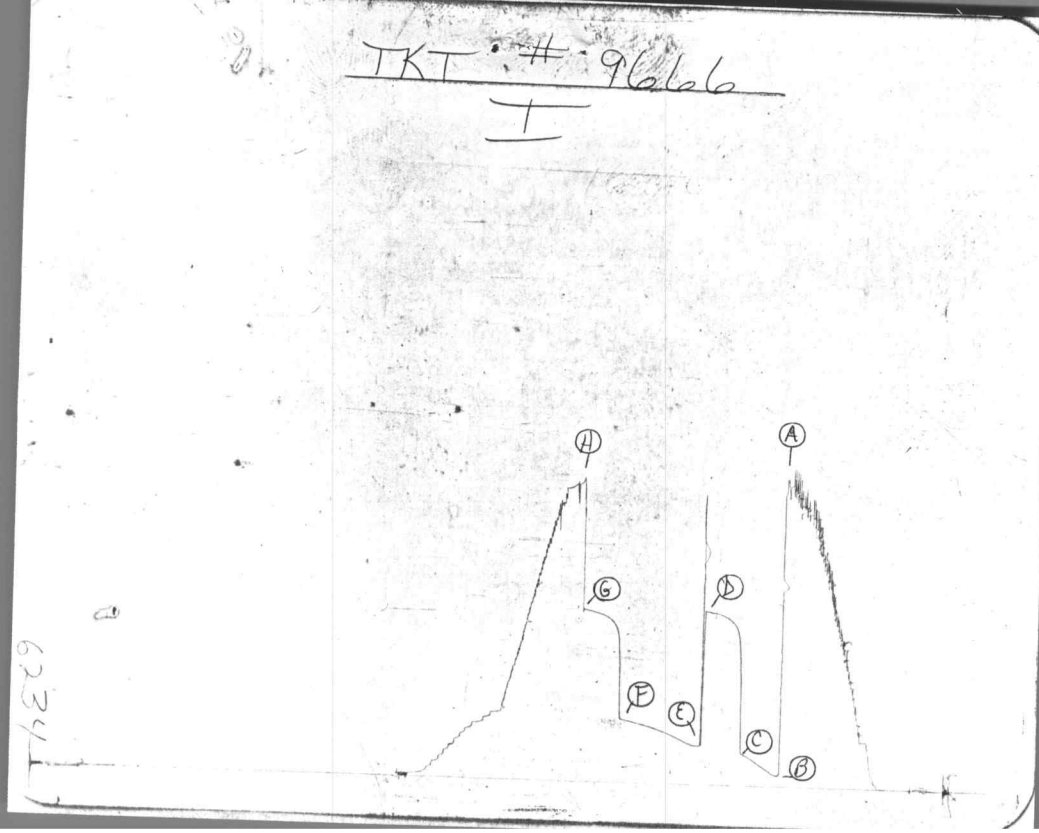
Point Minutes	Press.
0	227
5	229
10	243
15	261
20	282
25	300
30	312
35	326
40	337
45	349
50	356
55	365
60	374

Final Shut-In
Breakdown: 9 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	374
3	896
6	941
9	962
12	971
15	980
18	986
21	993
24	998
27	1002
30	

WTC - 4

TKT # 96666



6234

Company Derrick-American Oil, Inc. Lease & Well No. #1 Beahm "B" Unit

Elevation - Formation Kansas City Effective Pay - Ft. Ticket No. 9667

Date 2/10/81 Sec. 35 Twp. 19S Range 15W County Barton State Kansas

Test Approved by William Martin Western Representative Dan Delaney

Formation Test No. 2 Interval Tested from 3365 ft. to 3423 ft. Total Depth 3423 ft.

Packer Depth 3365 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Packer Depth 3360 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3372 ft. Recorder Number 6234 Cap. 4500

Bottom Recorder Depth (Outside) 3375 ft. Recorder Number 4339 Cap. 4300

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

Drilling Contractor Duke Rig #2 Drill Collar Length - I. D. - in.

Mud Type Salt-Gel-Starch Viscosity 44 Weight Pipe Length 591 I. D. 2.7 in.

Weight 10.2 Water Loss 22.3 cc. Drill Pipe Length 2753 I. D. 3.8 in.

Chlorides 80,000 P.P.M. Test Tool Length 21 ft. Tool Size 4½ in.

Jars: Make - Serial Number - Anchor Length 58 ft. Size 5½ in.

Did Well Flow? No Reversed Out Yes Surface Choke Size ½ in. Bottom Choke Size ½ in.

Main Hole Size 7 7/8 in. Tool Joint Size 4½XH in.

Blow: Weak blow building to a strong blow initial flow period. Strong blow throughout final flow period.

Recovered 1890 ft. of muddy water

Recovered 60 ft. of salt water

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 6:05 ~~A.M.~~ P.M. Time Started Off Bottom 8:05 ~~A.M.~~ P.M. Maximum Temperature 114

Initial Hydrostatic Pressure			(A)	1794	P.S.I.	
Initial Flow Period	Minutes 30	(B)	321	P.S.I. to (C)	687	P.S.I.
Initial Closed In Period	Minutes 27	(D)	1011	P.S.I.		
Final Flow Period	Minutes 30	(E)	723	P.S.I. to (F)	885	P.S.I.
Final Closed In Period	Minutes 27	(G)	1006	P.S.I.		
Final Hydrostatic Pressure		(H)	1780	P.S.I.		

WTC-1

WESTERN TESTING CO., INC.
Pressure Data

Date 2/10/81 Test Ticket No. 9667

Recorder No. 6234 Capacity 4500 Location 3372 Ft.

Clock No. --- Elevation --- Well Temperature 114 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	1794 P.S.I.	Open Tool		6:05P M	
B	First Initial Flow Pressure	321 P.S.I.	First Flow Pressure		30 Mins.	30 Mins.
C	First Final Flow Pressure	687 P.S.I.	Initial Closed-in Pressure		30 Mins.	27 Mins.
D	Initial Closed-in Pressure	1011 P.S.I.	Second Flow Pressure		30 Mins.	30 Mins.
E	Second Initial Flow Pressure	723 P.S.I.	Final Closed-in Pressure		30 Mins.	27 Mins.
F	Second Final Flow Pressure	885 P.S.I.				
G	Final Closed-in Pressure	1006 P.S.I.				
H	Final Hydrostatic Mud	1780 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	321
P 2 5	365
P 3 10	454
P 4 15	523
P 5 20	588
P 6 25	642
P 7 30	687
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 9 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	687
3	948
6	973
9	984
12	993
15	1000
18	1005
21	1008
24	1011
27	1011
30	

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

Point Minutes	Press.
0	723
5	739
10	777
15	813
20	842
25	867
30	865

Final Shut-In
Breakdown: 9 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	885
3	971
6	981
9	989
12	993
15	997
18	1000
21	1002
24	1005
27	1006
30	

IKT # 9667

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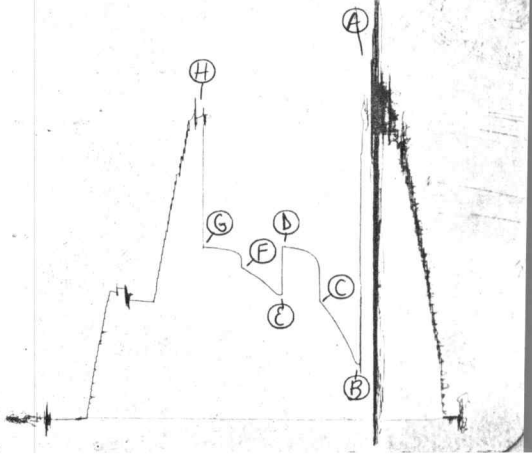

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