

15-009-25017

22-20s-12w



RECEIVED
KANSAS CORPORATION COMMISSION

JUL 19 2007

CONSERVATION DIVISION
WICHITA, KS

Scale 1:240 (5"=100") Imperial

Well Name: DDK #7

Location: Section 22 - 20S - 12W Barton Co., Kansas

Licence Number: API # 15-009-25017-0000

Spud Date: 2/23/2007

Surface Coordinates: 2080' FNL & 440' FEL
(3-D Location)

Region: Workman NW

Drilling Completed: 2/2/2007

Bottom Hole Coordinates:

Ground Elevation (ft): 1822'

K.B. Elevation (ft): 1828'

Logged Interval (ft): 2700'

To: 3550'

Total Depth (ft): 3550'

Formation: Arbuckle

Type of Drilling Fluid: Chemical Gel/Polymer Fresh Water -Based

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: GILBERT-STEWART OPERATING, LLC

Address: 1801 BROADWAY #450
DENVER, CO. 80202

GEOLOGIST

Name: Clayton Camozzi

Company: Max-Henry Operating, LLC

Address: P. O. Box 30
Hoisington, KS 67544

After review of the Open Hole Logs, DST Results & geological Log; it was recommended to run 5-1/2" production casing to produce from the Arbuckle Formation. Several other Lansing zones should be perforated before abandonment.

Note the Log Tops & DST Intervals are 6' Higher/Shallow to the Sample Tops & DST Intervals.

The samples will be delivered, processed and available for review at the KGS Sample Library located in Wichita, Kansas.

Respectfully, Clayton Camozzi

Topeka 2749-921

Limestone white to cream to trace light gray microcrystalline to recrystallized fossiliferous hash poor interxin interfossiliferous porosity, no fluorensence no odor, no stain, no show free oil or gas. Trace calcite veins. Pyrite in part

Shales light gray silvery micaceous pyritic, slight trace siltstone very fine grained, mica in part poor porosity, no fluorensence no odor no stain no show.

Limestone white to cream to trace light brown microcrystalline abundant recrystallized fossiliferous hash fossiliferous, poor interxin interfoss porosity, no fluorensence no odor no stain no show free oil or gas. Trace pyrite, calcite crystals in part

No sample

Limestone light gray to cream, microcrystalline cryptocrystalline fossiliferous hash fossiliferous poor interxin interfoss porosity, no fluorensence no odor no stain no show free oil or gas, trace pyrite scattered throughout, trace calcite, fussionilids

Limestone white to cream microcrystalline abundant fossiliferous hash, poor interxin interfoss porosity, no fluorensence no odor no stain no show free oil or gas, fussionilids scattered throughout, trace crinoids, pyrite in part

Shale black soft carbonaceous gummy no sho

Limestone cream abundat fossiliferous hash in a dense microxin matrix, poor interfossiliferous porosity, no fluorensence, no odor no stain no show free oil or gas, trace calcite crystals, fussionilids, trace crinoids,

Limetsone as above

Limestone white to cream microcrystalline abundant fossiliferous hash in slightly chalky matrix, poor interxin interfossiliferous porosity, no fluorensence no odor no stain no show free oil or gas

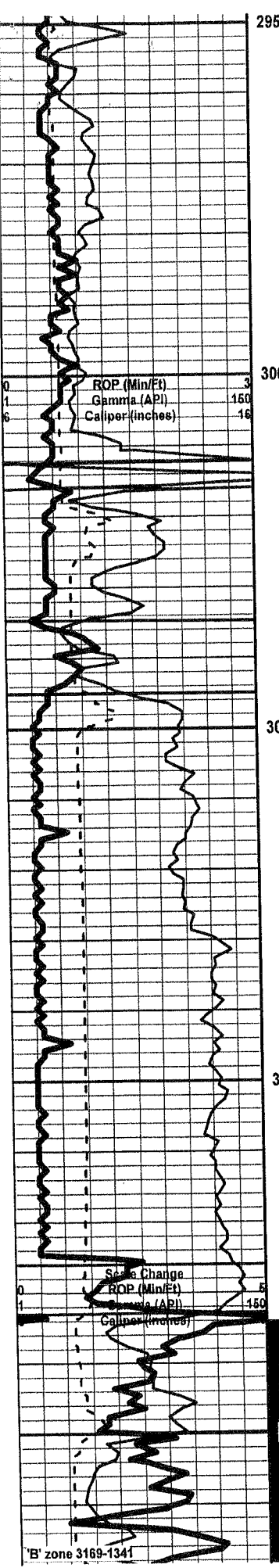
Shale black soft carbonaceous gummy no show

Limestone as above

Limestone white to cream microcrystalline trace cryptocrystalline fossiliferous hash poor interxin interfoss porosity, no fluorensence no odor no stain no show free oil or gas. Trace pyrite in part, fussionilids

Micro (Ohms) 100
Normal (Ohms) 100

Earth Tech on Location @ 2901



Limestone cream microcrystalline trace cryptocrystalline very small trace fossiliferous hash in a soft chalky matrix, poor interxn interfoss porosity, no fluorescence no odor no stain no show free oil or gas. Trace calcite crystals Chalk

Limestone white to cream microcrystalline to fossiliferous hash in a soft chalky matrix, poor interxn interfoss porosity, no fluorescence no odor no stain no show free oil or gas, trace calcite crystals in part, fossilinids, pyrite

Limestone white to trace cream microcrystalline trace secondary recrystallization, large calcite crystals in part, trace fossiliferous hash, poor to trace fair interxn porosity, 2 pieces filmy transparent light brown spotted oil stain, no odor, very dull yellow fluorescence, no bleeding oil or gas, no show free Trace calcite fossils

Heebner 3011-1183

Shale black soft carbonaceous splinty soft no fluorescence no bleeding gas no show. Small trace limestone microxln white to cream poor interxn porosity no show oil.

Trace shales light gray to green micaceous pyritic dense soft blocky fissile no show free oil or gas

Toronto 3035-1207

Trace limestone white to cream cryptocrystalline microcrystalline small trace fossiliferous hash, poor interxn interfoss porosity, no fluorescence no odor no stain no show free oil or gas, trace fossils in part

Douglas Shale 3045-1217

Shales light gray to green to trace brick red soft blocky to trace splinty, dense, micaceous, pyritic, no show

Shales light gray to trace green, soft to hard splinty to blocky, dense, trace micaceous, pyritic no show oil or gas

Shales as above

Siltstone, gray to light gray, very fine grained sub angular, poorly sorted, fair intergranular porosity highly micaceous, pyrite in part and scattered throughout, no fluorescence no odor no show free oil or gas

Brown Lime 3133-1305

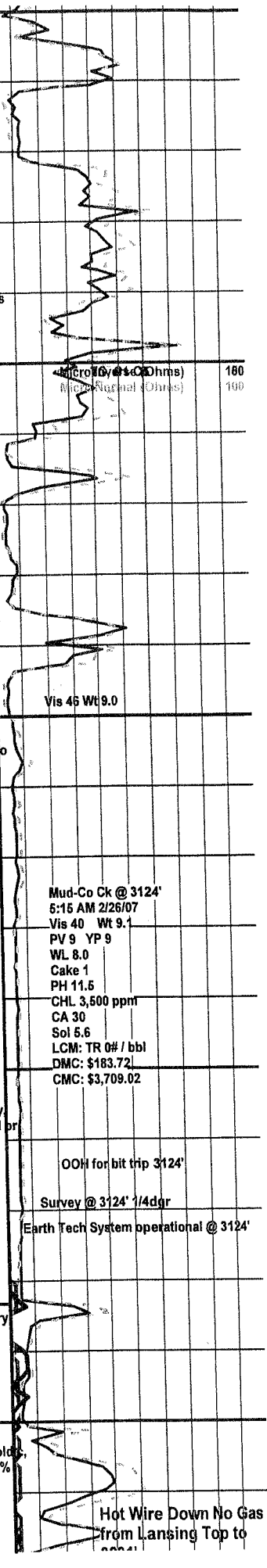
Limestone dark to trace light brown cryptocrystalline to sub-lithographic, slightly fossiliferous, very poor interxn porosity, no fluorescence no odor no stain no show free oil or gas.

Shales light gray to trace green splinty hard dense, micaceous pyritic waxy no show

Lansing 3150-1322

Limestone white to cream microcrystalline trace fossiliferous hash fossiliferous, small trace oomold, poor to small trace fair interxn to fair intermoldic porosity, scattered dull yellow fluorescence, 20% very scattered spotted light brown oil stain, no odor, no bleeding oil or gas, no show free oil.

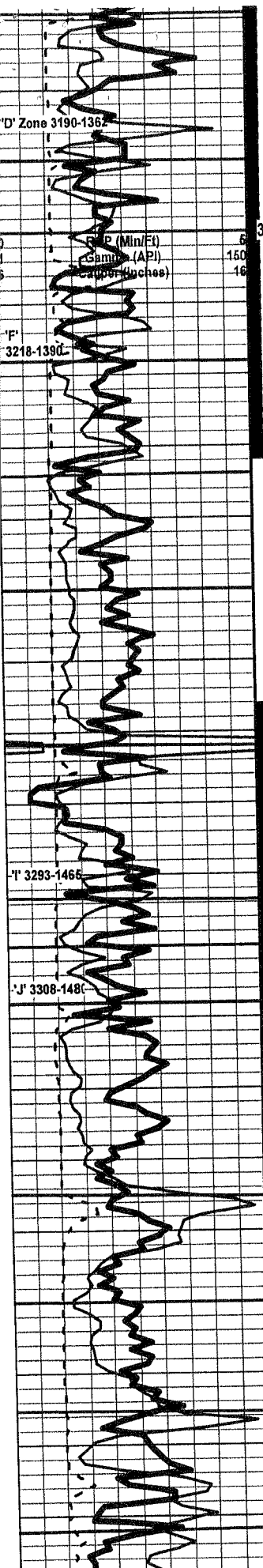
Trace shales light gray to brick red, sample wash red, hard dense splinty to trace blocky slightly pyritic, no show



Mud-Co Ck @ 3124'
5:15 AM 2/26/07
Vis 40 Wt 9.1
PV 9 YP 9
WL 8.0
Cake 1
PH 11.5
CHL 3,500 ppmt
CA 30
Sol 5.6
LCM: TR 0# / bbl
DMC: \$183.72
CMC: \$3,709.02

OOH for bit trip 3124'
Survey @ 3124' 1/4dgr
Earth Tech System operational @ 3124'

Hot Wire Down No Gas
from Lansing Top to



DST #1 3134-3231
DST #2 3266-3329
DST #3 3358



Limestone white microcrystalline to scattered fossiliferous hash, poor interxn to trace fair interfossiliferous porosity, scattered dull yellow fluorescence, no odor, very spotted black dead glauconitic stain, no bleeding oil or gas, no show free oil, trace pyrite, fossils

Limestone white to cream microcrystalline trace secondary recrystallization large calcite crystals in matrix, trace fossiliferous hash, poor to fair interxn porosity, dull yellow fluorescence, scattered spotted light brown stain, 2 pieces slowly bleeding oil, no odor, no bleeding gas, very poor show light brown free oil, Trace glauconite Pyr

Limestone (poor sample shaly) white microcrystalline trace cryptocrystalline small trace recrystallized fossiliferous hash fossiliferous poor interxn interfoss porosity, no fluorescence no odor no stain no show free oil or gas. Trace pyrite, calcite xls

Limestone (Very poor sample) Cream microcrystalline trace fossiliferous hash, poor interxn interfossiliferous porosity, no fluorescence no odor no stain no show free oil or gas. Abundant shale light gray to green to brick red splinty dense

Limestone white to cream (Very poor sample) Fossiliferous hash w/trace recrystallization, fair interfossiliferous porosity, very scattered bright white yellow fluorescence, faint oil odor, spotted to trace even stain?? 1 sample bleeding light brown free oil. Poor show oil. Fossils in part

'G' Zone 3234-1406

Limestone light tan to cream oomoldic w/dense microxn matrix trace oolitic, poor to fair interxn porosity, spotted dull yellow fluorescence, no odor 2 pieces veiny dark brown oil stain no bleeding oil or gas, no show free oil. Abundant chalk, Fossils

Limestone cream microcrystalline trace cryptocrystalline hard dense trace oomoldic in dense micro matrix, poor interxn porosity, no fluorescence no odor no stain no show free oil or gas.

Muncie Creek 3272-1444

Shale black soft carbonaceous splinty gummy. Shale light gray to silvery micaceous pyritic, hard splinty, no show

Limestone white to cream trace oomoldic w/microxn matrix fair interxn, fossiliferous hash/sub oolitic w/trace secondary recrystallization, calcite in matrix, fair to trace good interxn porosity, good oil odor, spotted bright white yellow fluorescence even to trace spotted light brown oil stain, sample slowly bleeding gas no bleeding oil, very poor show light brown free oil. Calcite xls, fossils in part

Limestone white to cream 95% microcrystalline/cryptocrystalline 5% fossiliferous hash, poor interxn porosity to fair interfossiliferous porosity, fair oil odor, scattered dull yellow fluorescence, spotted light brown oil stain, no bleeding oil or gas, very poor show light brown free oil. Trace pyrite in part, Abundant chalk.

Limestone white to cream (poor sample) microcrystalline trace fossiliferous hash, very small trace oomoldic?? poor interxn to poor/fair interfossiliferous porosity, no oil odor, spotted dull yellow fluorescence 3% spotted/veiny light brown oil stain, no bleeding oil or gas, no to questionable show. Trace fossils in part abundant chalk

Limestone white trace microcrystalline abundant oomoldic w/micro to trace fine crystalline matrix, fair interxn porosity, no odor no stain no fluorescence no show free oil or gas. Small trace pyrite in part

Stark 3335-1507

Shale black soft carbonaceous splinty gummy dense. Shales light gray to silvery to small trace green soft splinty micaceous pyritic dense no show

Limestone microcrystalline cryptocrystalline very small trace fossiliferous hash, very poor to nil interxn porosity to poor interfossiliferous porosity, no odor no stain very dull yellow fluorescence, no bleeding oil or gas, no show free oil. Trace veiny calcite crystals, pyrite, fossils

Limestone cream to light tan, microcrystalline trace secondary recrystallization, fossiliferous hash, poor interxn to poor interfossiliferous porosity, small trace vugular porosity, no odor scattered spotted veiny oil stain, no bleeding oil or gas, 1 piece holding gas bubbles in place, No show free oil or gas. Trace calcite xls fossil

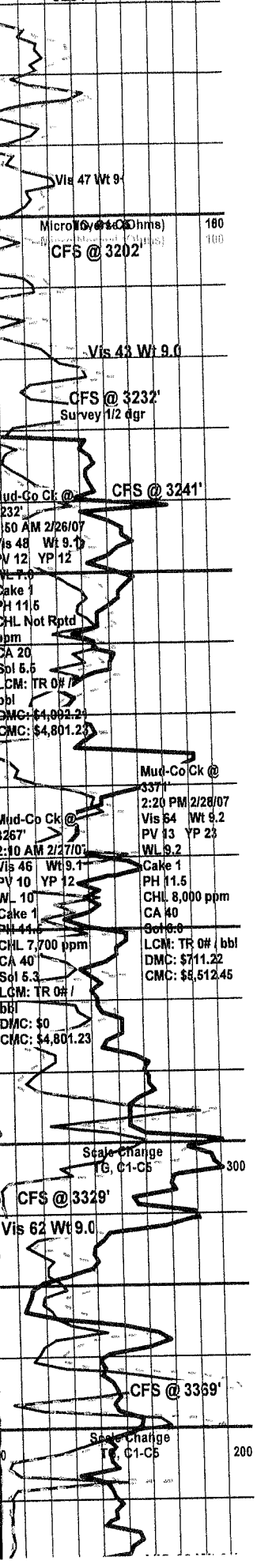
BKC 3365-1537

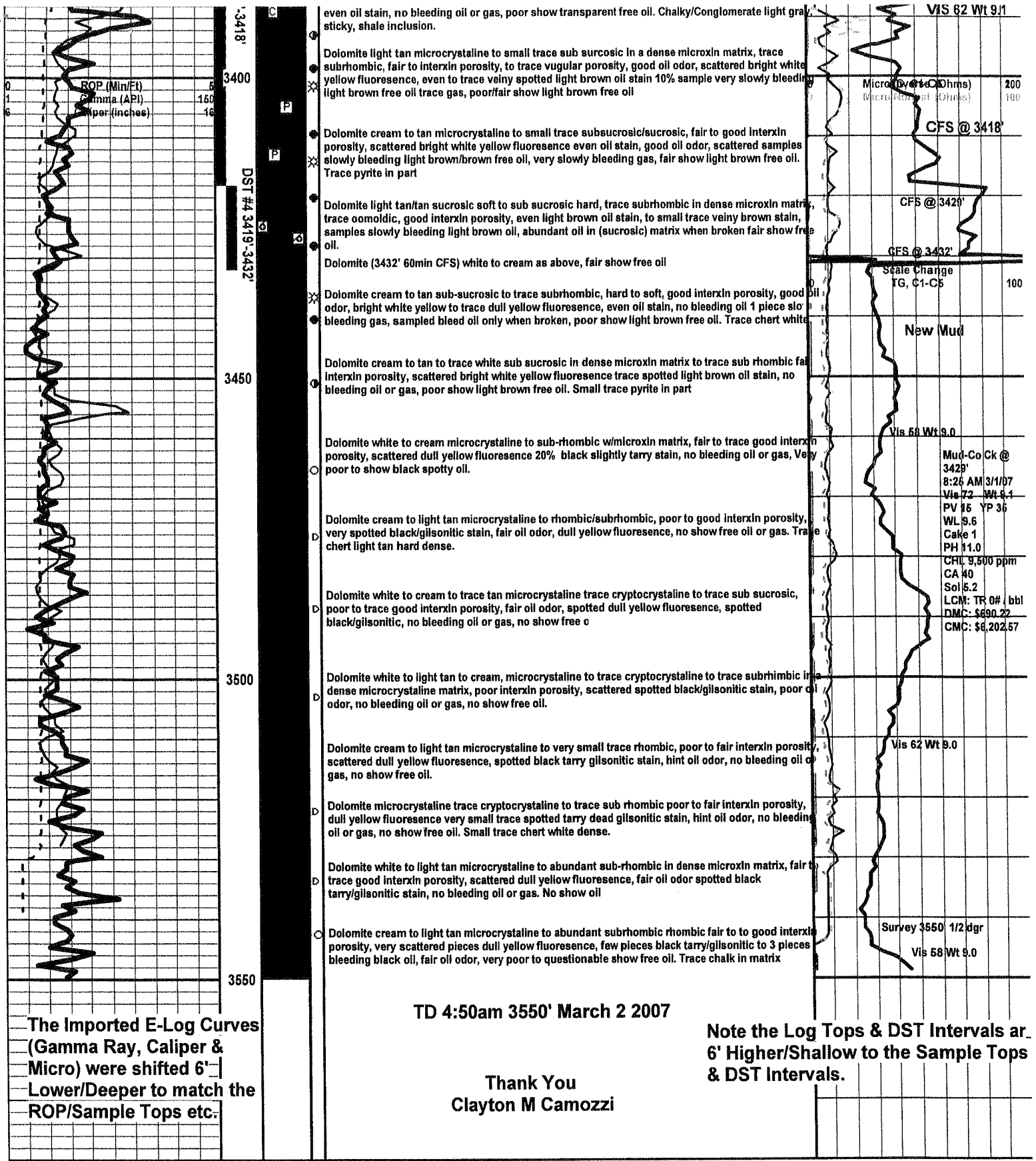
Shales brick red blocky hard dense, trace light gray micaceous pyritic, no show

Limestone white to cryptocrystalline trace fossiliferous hash fossiliferous, poor interxn porosity to fair interfossiliferous porosity, scattered bright white yellow fluorescence, spotted oil stain, no bleeding oil or gas, poor show free oil. Chalk

Arbuckle 3382-1554

Dolomite light tan to tan microcrystalline, trace sub rhombic in a dense microxn matrix poor interxn porosity to trace vugular por, good odor, scattered bright white yellow fluo, spotted to small trace





The Imported E-Log Curves (Gamma Ray, Caliper & Micro) were shifted 6' Lower/Deeper to match the ROP/Sample Tops etc.

TD 4:50am 3550' March 2 2007

Thank You
Clayton M Camozzi

Note the Log Tops & DST Intervals are 6' Higher/Shallow to the Sample Tops & DST Intervals.

Gilbert-Stewart Operating LLC

DAILY DRILLING REPORT

Company: Gilbert-Stewart Operating, LLC

1801 Broadway Suite # 450

Denver, CO 80202

Operations: Kent Gilbert 303-534-1686 (O) 303-478-8393 (Cell)

Geological: Scott Stewart 303-534-1686 (O) 303-596-5510 (Cell)

Wellsite Geologist: Clayton Camozzi

Cell: (616) 901-6759

Office: (620) 653-2464

Well: DDK #7

Location: SE-SE-NE

Sec. 22 - 20s - 12w

Barton Co., KS

Elevation: 1828' KB 1822' GL

Field: Workman NW

API No.: 15-009-25017-0000

Surface Casing: 8 5/8" set @ 323' KB

Drilling Contractor: Excel Services O: (970)-322-3156 Rig #10 (970)-630-2146. Tool Pusher: Carl Jesseph (785)-332-0429

DATE	7:00 AM DEPTH	PREVIOUS 24 HOUR DRILLING OPERATIONS
2/26/2007	3124'	Geologists Clayton Camozzi on location at 1:30 am 2/26/2007 Drilling and Connections, Topeka, Heeb, Tor, D.S. see geolog for sample descriptions and WCS for structural position. OOH W/PDC Bit @ 3124' Drop STHT, Strap pipe. Feb 26 Mud Report Vis 40 Wt 9.1 Fil 8.0 Chlor 3,500ppm. DMC \$183.72 CMC \$3,709.02.
2/27/2007	3232'	I/H W/tri-cone and down hole mud motor. STHT was 1/4dgr. Strap was 1.93 short to board. CTCH 30min cont. drilling to 3202 (Lans A-D) poor show Cont drilling to 3231 (Lansing F). OOH W/bit for DST #1 3134'-3231' 97' Anchor Short trip 5 stands, BTB CTCH 1.5hrs add tank mud. OOH W/bit. I/H W/tool, OOH W/tool. STHT was 1/2dgr. Chromotograph not operational from Top Lansing (9:00am to 6:00pm) to 3232'. Made 108 ft in last 24hrs 2/26/2007 Mud Report. Vis 48 Wt 9.1 Fil 7.6 DMC \$1,092.21 CMC \$4,801.23
2/28/2007	3329'	I/H W/bit, CTCH 30min Cont drilling to 3241' Lans G CFS. No show cont drilling to 3329 Lansing H-I-J CFS. OOH W/bit for DST #2 3266'-3329' 63' Anchor. STHT was 1/2dgr. I/H W/tool, OOH W/tool, I/H W/bit, CTCH 30min Feb 27 Mud Report Vis 46 Wt 9.1 Fil 10 Chlor 7,700ppm YP 12 DMC \$ 0 CMC \$4,801.23 Made 97' in last 24 hrs. Avg ROP 2-2.5 min/ft
3/1/2007	3418'	Cont Drilling to 3369' CFS Lans K. Cont drilling. Mud pump down 3 hrs Cont drilling to 3418' Arbuckle CFS. OOH W/bit for DST #3 3358'-3418' 60' Anchor. See WCS and Geolog for Sample Descriptions and Structural position. I/H W/tool, OOH W/tool. See email for results. I/H W/bit CTCH 45min. Feb 28 Mud Report Vis 64 Wt 9.2 Fil 9.2 Chlor 8,000ppm DMC \$ 711.22 CMC \$5,512.45 Made 89ft in last 24hrs. Avg ROP 1.5-2min/ft
3/2/2007	3550'	Cont drilling to 3429' CFS Cont drilling to 3432' CFS. OOH W/bit for DST #4 3419'-3432' 13' Anchor. I/H W/tool, OOH W/tool. Hit fluid @ 2100' Drop bar and reverse out oil. Bad return on oil 3-4bbls in truck, Connect kelly, pump down back side, good (contaminated) oil in sample box. Flow into reserve pit. OOH W/tool, see email for results I/H W/bit, CTCH 30min add tank mud. Cont drilling to 3550' TD @ 4:50AM. CFS & CTCH 1.45min Spot tank mud on bottom. Drop STHT. OOH W/bit for Logs. Vis 50 Wt 9.0+ March 1 Mud Report Vis 72 Wt 9.1 Fil 9.6 Chlor 9,500ppm DMC \$690.22 CMC \$6,202.57. Made 132' in last 24 hrd Avg ROP 1.5-2min/ft
3/2/2007	Cont	Log Tech on location at 8:15am. Started logging at 9:00am. Ran Dual Induction, Porosity, Micro, Sonic, job finished at 2:15. I/H W/bit to CTCH Midwestern Pipeworks on location at 1:30pm. Delivered 84jts New 15.5# production casing Tallied at 3528.58'. Final STHT was 1/2dgr

Gilbert-Stewart Operating, LLC

WELL COMPARISON SHEET

Company: Gilbert-Stewart Operating, LLC

1801 Broadway Suite 460

Denver, CO 80202

Operations: Kent Gilbert (303)-534-1688 (O) 303-478 8393 (Cell)

Geological: Scott Stewart 303-534-1686 (O) 303-596-5510 (Cell)

Drilling Contractor: Excel Services O: (870)-322-3166 Rig #10 (870)-630-2146 Tool Pusher: Carl Jesseph (786)-332-0429 (Cell)

Well: DDK #7

Location: 2080' FNL & 440' FEL

Sec. 22 - 20s - 12w

Barton Co., KS

Wellsite Geologist: Clayton Camozzi Cel: (816) 901-6769 O: (620) 653-2464

Elevation: 1828' KB 1822' GL

Field: Workman NW

API No.: 15-009- 25017-0000

Surface Casing: 8 5/8" set @ 323' KB

DRILLING WELL				
Gilbert-Stewart Oper LLC DDK #7				
2080' FNL & 440' FEL				
Sec. 22 - 20s - 12w				
1828 KB				
Formation	Sample	Sub-Sea	Log	Sub-Sea

Formation	Sample	Sub-Sea	Log	Sub-Sea
Anhydrite	802	1226	608	1220
Topeka	2749	-921	2743	-915
Heebner	3011	-1183	3006	-1178
Toronto	3035	-1207	3030	-1202
Douglas	3045	-1217	3038	-1210
Brown Lime	3133	-1306	3128	-1300
Lansing	3150	-1322	3148	-1318
LKC B	3169	-1341	3165	-1337
LKC D	3190	-1362	3186	-1358
LKC G	3234	-1406	3227	-1399
Mun Creek	3272	-1444	3266	-1438
LKC I	3293	-1466	3290	-1462
LKC J	3308	-1480	3305	-1477
Stark	3335	-1507	3330	-1502
Base LKC	3365	-1537	3361	-1533
Arbuckle	3382	-1554	3384	-1556
Total Depth	3650	-1722	3546	-1718

COMPARISON WELL			
Gilbert-Stewart Oper LLC DDK #6			
SW-NE-SE Arbuckle Oil Producer			
Sec. 22 - 20s - 12w			
1836 KB			
LOG	Sub-Sea	Sample	Log

LOG	Sub-Sea	Sample	Log
611	1226	1	-5
2763	-817	-4	2
3015	-1179	-4	1
3039	-1203	-4	1
3048	-1212	-5	2
3139	-1303	-2	3
3156	-1320	-2	2
3174	-1338	-3	1
3194	-1358	-4	0
3238	-1402	-4	3
3277	-1441	-3	3
3299	-1463	-2	1
3314	-1478	-2	1
3339	-1503	-4	1
3368	-1532	-5	-1
3385	-1549	-5	-7
3650	-1714		

COMPARISON WELL			
Allen Drilling CO #1-23 Duncan			
NW-SW-NW Arbuckle Oil Producer			
Sec. 23 - 20s - 12w			
1822 KB			
LOG	Sub-Sea	Sample	Log

LOG	Sub-Sea	Sample	Log
806	1216	10	4
2741	-919	-2	4
3007	-1185	2	7
3031	-1209	2	7
3039	-1217	0	7
3132	-1310	5	10
3148	-1327	5	9
3168	-1347	6	10
3189	-1367	5	9
3232	-1410	4	11
3269	-1447	3	9
3291	-1469	4	7
3307	-1485	5	8
3333	-1511	4	9
3363	-1541	4	8
3378	-1556	2	0
3483	-1661		

DRILLING WELL				
Gilbert-Stewart Oper LLC DDK #4				
NE NW NE				
Sec. 27 - 20s - 12w				
1844 KB				
Formation	Log	Sub-Sea	Sample	Log

Formation	Log	Sub-Sea	Sample	Log
Heebner	3027	-1183	0	5
Brown Lime	3150	-1306	1	6
Lansing	3167	-1323	1	5
Stark	3347	-1503	-4	1
Arbuckle	3395	-1567	13	11

DRILLING WELL			
Gilbert-Stewart Oper LLC DDK #5			
NW NW SW			
Sec. 23 - 20s - 12w			
1826 KB			
Log	Sub-Sea	Sample	Log

Log	Sub-Sea	Sample	Log
3007	-1181	-2	3
3132	-1306	1	6
3148	-1322	0	4
3332	-1506	-1	4
3378	-1550	-4	-6

DRILLING WELL			
Gilbert-Stewart Oper LLC DDK #1			
NE NE NE			
Sec. 22 - 20s - 12w			
1819 KB			
Log	Sub-Sea	Sample	Log

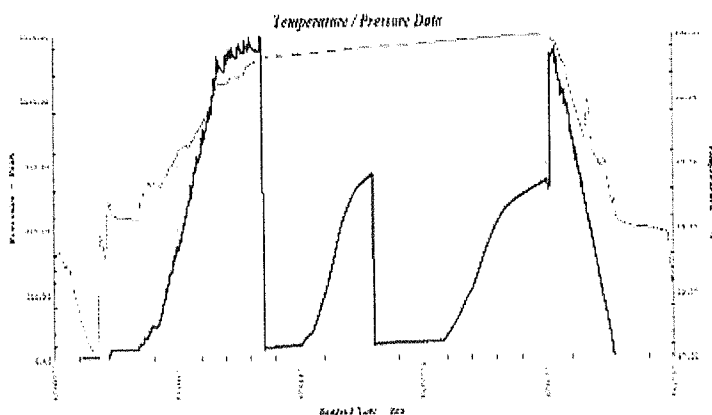
Log	Sub-Sea	Sample	Log
2991	-1172	-11	-6
3112	-1293	-12	-7
3129	-1310	-12	-8
3314	-1486	-12	-7
3383	-1544	-10	-12

SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530



1	Initial Hydrostatic Pressure	1548
2	Initial Flow Pressure	50
3	Final Initial Flow Pressure	65
4	Initial Shut-In Pressure	885
5	Initial Final Flow Pressure	64
6	Final Flow Pressure	84
7	Final Shut-In Pressure	885
8	Final Hydrostatic Pressure	1492

Maximum Temperature 102

GENERAL INFORMATION

COMPANY NAME	 GILBERT STEWART OPERATING	
TEST DATE	 2/27/07	LEASE AND WELL NUMBER
SECTION-TOWN-RANGE	 22-20-12	 DDK#7
STATE	 KANSAS	FORMATION TESTED
COUNTY	 BARTON	 LANSING A-F
ELEVATION GROUND LEVEL	 1822	DRILL STEM TEST NUMBER
COMPANY REPRESENTATIVE	 CLAYTON	 1
		REPORT NUMBER
		 15105
		ELEVATION KELLY BUSHINGS
		 1828
		TESTING ENGINEER
		 DAVID NICHOLS

TOOL SETTING INFORMATION

TEST INTERVAL (From)	 3135	TOP PACKER DEPTH	 3130
TEST INTERVAL (to)	 3232	BOTTOM PACKER DEPTH	 3135
ANCHOR LENGTH	 97	NUMBER OF PACKERS	 2
TOTAL DEPTH (ft)	 3232	PACKER SIZE	 6 3/4
		HOLE SIZE	 7 7/8

FLOW TIMES

INITIAL OPEN		FINAL OPEN	
TOOL OPEN (from)	 3:45	TOOL OPEN (from)	 5:15
TOOL OPEN (to)	 4:15	TOOL OPEN (to)	 6:15
DURATION (min.)	 30	DURATION (min.)	 60
INITIAL SHUT-IN		FINAL SHUT-IN	
TOOL CLOSED (from)	 4:15	TOOL CLOSED (from)	 6:15
TOOL CLOSED (to)	 5:15	TOOL CLOSED (to)	 7:45
DURATION (min.)	 60	DURATION (min.)	 90

INITIAL FLOW	WEAK BUILDING BLOW BUILT TO BOTTOM OF BUCKET IN 15 MIN
FINAL FLOW	WEAK BUILDING BLOW BUILT TO BOTTOM OF BUCKET IN 13 MIN

Recovery

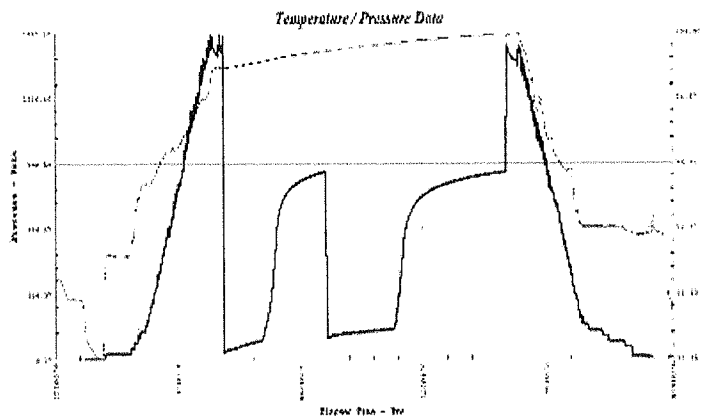
840' GAS IN PIPE
85' MUD WITH SLIGHT SHOW OIL

SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530



1	Initial Hydrostatic Pressure	1640
2	Initial Flow Pressure	38
3	Final Initial Flow Pressure	97
4	Initial Shut-In Pressure	952
5	Initial Final Flow Pressure	113
6	Final Flow Pressure	154
7	Final Shut-In Pressure	949
8	Final Hydrostatic Pressure	1596

Maximum Temperature 105

GENERAL INFORMATION

COMPANY NAME GILBERT STEWART OPERATING	
TEST DATE 2/28/07	LEASE AND WELL NUMBER DDK#7
SECTION-TOWN-RANGE 22-20-12	FORMATION TESTED LANSING II-I-J
STATE KANSAS	DRILL STEM TEST NUMBER 2
COUNTY BARTON	REPORT NUMBER 15106
ELEVATION GROUND LEVEL 1822	ELEVATION KELLY BUSHINGS 1828
COMPANY REPRESENTATIVE CLAYTON	TESTING ENGINEER DAVID NICHOLS

TOOL SETTING INFORMATION

TEST INTERVAL (From) 3266	TOP PACKER DEPTH 3261
TEST INTERVAL (to) 3329	BOTTOM PACKER DEPTH 3266
ANCHOR LENGTH 63	NUMBER OF PACKERS 2
TOTAL DEPTH (ft) 3329	PACKER SIZE 6 3/4
	HOLE SIZE 7 7/8

FLOW TIMES

INITIAL OPEN		FINAL OPEN	
TOOL OPEN (from) 10:20		TOOL OPEN (from) 11:50	
TOOL OPEN (to) 10:50		TOOL OPEN (to) 12:50	
DURATION (min.) 30		DURATION (min.) 60	
INITIAL SHUT-IN		FINAL SHUT-IN	
TOOL CLOSED (from) 10:50		TOOL CLOSED (from) 12:50	
TOOL CLOSED (to) 11:50		TOOL CLOSED (to) 2:20	
DURATION (min.) 60		DURATION (min.) 90	

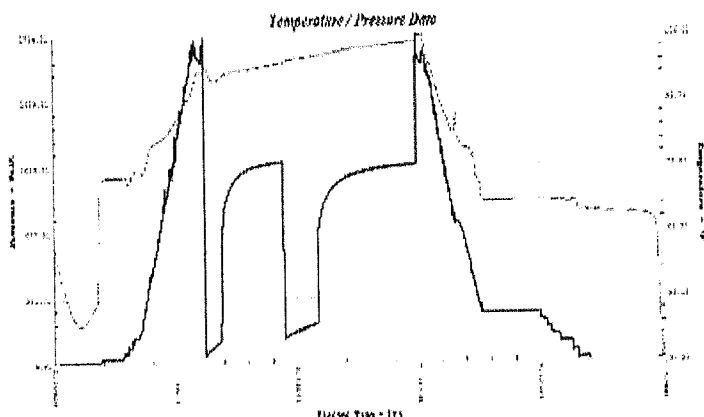
	Recovery	G	O	M	W
1680' Gas In Pipe		100%			
60' Oil and Gas Cut Mud		30%	20%	50%	
60' Gassy Mud Cut Oil with trace Water		25%	45%	25%	5%
120' Mud and Gas Cut Oil		40%	50%	10%	
60' Oil and Water Cut Gassy Mud		35%	10%	35%	20%
10' Mud				100%	

SUPERIOR TESTERS ENTERPRISES L.L.C.

DRILL STEM TEST REPORT

1(800)792-6902

GREAT BEND, KANSAS 67530



1	Initial Hydrostatic Pressure	1727
2	Initial Flow Pressure	45
3	Final Initial Flow Pressure	119
4	Initial Shut-In Pressure	1065
5	Initial Final Flow Pressure	130
6	Final Flow Pressure	214
7	Final Shut-In Pressure	1049
8	Final Hydrostatic Pressure	1504

Maximum Temperature 106

GENERAL INFORMATION

COMPANY NAME GILBERT-STEWART OPERATING LLC
 TEST DATE 2/28/07
 SECTION-TOWN-RANGE 22-20S-12W
 STATE KANSAS
 COUNTY BARTON
 ELEVATION GROUND LEVEL 1822
 COMPANY REPRESENTATIVE CLAYTON CAMOZZI
 LEASE AND WELL NUMBER DDK #7
 FORMATION TESTED Lans L, ARB
 DRILL STEM TEST NUMBER 3
 REPORT NUMBER 15107
 ELEVATION KELLY BUSHINGS 1828
 TESTING ENGINEER GENE BUDIG

TOOL SETTING INFORMATION

TEST INTERVAL (From) 3358
 TEST INTERVAL (to) 3418
 ANCHOR LENGTH 60
 TOTAL DEPTH (ft) 3418

TOP PACKER DEPTH 3353
 BOTTOM PACKER DEPTH 3358
 NUMBER OF PACKERS 2
 PACKER SIZE 6 3/4
 HOLE SIZE 7 7/8

FLOW TIMES

TOOL OPEN (from) 9:03P
 INITIAL OPEN TOOL OPEN (to) 9:18
 DURATION (min.) 15
 FINAL OPEN TOOL OPEN (to) 10:48
 DURATION (min.) 30
 TOOL CLOSED (from) 9:18
 INITIAL SHUT-IN TOOL CLOSED (to) 10:18
 DURATION (min.) 60
 FINAL SHUT-IN TOOL CLOSED (to) 12:18
 DURATION (min.) 90

INITIAL FLOW FAIR BUILDING BLOW BUILT TO BOTTOM OF 5 GALLON BUCKET IN 6 MINUTES
 BLOW BACK
 FINAL FLOW FAIR BUILDING BLOW BUILT TO BOTTOM OF 5 GALLON BUCKET IN 7 MINUTES
 BLOW BACK

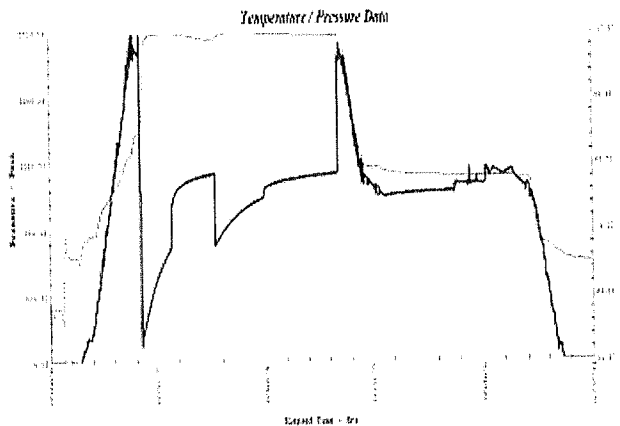
Feet of Recovery	RESISTIVITY	AT	DEGREES	CHLORIDES	% GAS	% OIL	% MUD	% WATER
	RECOVERY DESCRIPTION							
1) 305	OIL				5	95		
2) 180	OIL CUT MUD					25	75	
3)								
4)								
5)								

SUPERIOR TESTERS ENTERPRISES L.L.C.

DRILL STEM TEST REPORT

1(800)792-6902

GREAT BEND, KANSAS 67530



1	Initial Hydrostatic Pressure	1699
2	Initial Flow Pressure	83
3	Final Initial Flow Pressure	590
4	Initial Shut-In Pressure	979
5	Initial Final Flow Pressure	607
6	Final Flow Pressure	848
7	Final Shut-In Pressure	978
8	Final Hydrostatic Pressure	1556

Maximum Temperature 110

GENERAL INFORMATION

COMPANY NAME	 GILBERT-STEWART OPERATING LLC	LEASE AND WELL NUMBER	 DDK #7
TEST DATE	 3/1/07	FORMATION TESTED	 ARBUCKLE
SECTION-TOWN-RANGE	 22-20S-12W	DRILL STEM TEST NUMBER	 4
STATE	 KANSAS	REPORT NUMBER	 15108
COUNTY	 BARTON	ELEVATION KELLY BUSHINGS	 1828
ELEVATION GROUND LEVEL	 1822	TESTING ENGINEER	 FRANK ZAMARRIPA
COMPANY REPRESENTATIVE	 CLAYTON		

TOOL SETTING INFORMATION

TEST INTERVAL (From)	 3419	TOP PACKER DEPTH	 3414
TEST INTERVAL (to)	 3432	BOTTOM PACKER DEPTH	 3419
ANCHOR LENGTH	 13	NUMBER OF PACKERS	 2
TOTAL DEPTH (ft)	 3432	PACKER SIZE	 6 3/4
		HOLE SIZE	 7 7/8

FLOW TIMES

TOOL OPEN (from)	 1:47P	TOOL OPEN (from)	 3:17
INITIAL OPEN TOOL OPEN (to)	 2:17	FINAL OPEN TOOL OPEN (to)	 4:17
DURATION (min.)	 30	DURATION (min.)	 60
TOOL CLOSED (from)	 2:17	TOOL CLOSED (from)	 4:17
INITIAL SHUT-IN TOOL CLOSED (to)	 3:17	FINAL SHUT-IN TOOL CLOSED (to)	 5:47
DURATION (min.)	 60	DURATION (min.)	 90

INITIAL FLOW STRONG BLOW TO BOTTOM OF 5 GALLON BUCKET IN 1 MINUTE
BLOW BACK
FINAL FLOW STRONG BLOW TO BOTTOM OF 5 GALLON BUCKET IN 2 MINUTE
BLOW BACK DIED OFF AFTER 20 MINUTES

Feet of Recovery	RESISTIVITY	AT	DEGREES	CHLORIDES	% GAS	% OIL	% MUD	% WATER
1) 1800	OIL					100		
2) 60	OIL CUT MUD					15	85	
3) 60	SLIGHT OIL CUT WATER					5		95
4)								
5)								