

23-31s-3w

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KCC WICHITA



Ricketts Testing, Inc.

15-191-22442
NE SW SW NE

Company A.G.V. CORPORATION Lease & Well No. WOLKE #1-23
 Elevation 1326 G.L. Formation WHITE CLOUD Ticket No. 2225
 Date 11-15-04 Sec. 23 Twp. 31S Range 3W County SUMNER State KS
 Test Approved by ROD ANDERSON Ricketts Representative JIM RICKETTS

Formation Test No. 1 Interval Tested from 2038 ft. to 2090 ft. Total Depth 2090 ft.
 Packer Depth 2038 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 2035 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 2043 ft. Recorder Number 11027 Cap. 4625
 Bottom Recorder Depth (Outside) 2046 ft. Recorder Number 243 Cap. 6000
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____

Drilling Contractor FORREST ENERGIES RIG #8 Drill Collar Length 655 I.D. 2.25 in.
 Mud Type CHEMICAL Viscosity 35 Weight Pipe Length _____ I.D. _____ in.
 Weight 10.0 Water Loss 12.0 cc. Drill Pipe Length 1356 I.D. 3.25 in.
 Chlorides 60,000 P.P.M. Test Tool Length 27 ft. Tool Size 5 1/2 in.
 Jars: Make STERLING Serial Number 808 Anchor Length 52 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.
 Gravity Oil _____ Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: STRONG BLOW IN 2 MINUTES INITIAL FLOW PERIOD. GAS TO SURFACE INITIAL SHUT-IN, GAUGED
22,800 TO 51,400 CFPD.

Recovered 520 ft. of WATER & GAS CUT MUD.
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Remarks: DST FLUID CHLORIDES 52,000 PPM. ON LOCATION 7:00 PM 11-14-03, OFF AT 2:00 PM
11-15-04

Time Set Packer (s) 3:10 AM. Time Started Off Bottom 6:55 A M. Maximum Temperature 97°
 Initial Hydrostatic Pressure(A) 1031 P.S.I.
 Initial Flow PeriodMinutes 30 (B) 92 P.S.I. to
 (C) 165 P.S.I.
 Initial Closed In PeriodMinutes 60 (D) 236 P.S.I.
 Final Flow PeriodMinutes 45 (E) 150 P.S.I. to
 (F) 196 P.S.I.
 Final Closed In PeriodMinutes 90 (G) 268 P.S.I.
 Final Hydrostatic Pressure(H) 950 P.S.I.

Pressure Test Report

COMPANY INFORMATION

Company Name A.G.V. Corp.
Representative Rod Anderson
Phone
Fax
Address

E-Mail Address
Service Company

WELL INFORMATION

Well Name Wolke 1-23
Well Location 23-31-3W NE_SW_NE
Field and Pool Coral Stone
Status (Oil, Gas, Water, Injection) Gas & Oil
Perforated Intervals
Mid-point of Perforated Intervals (MPP)
Drilling Rig Number Forrest Energy Rig # 8
Elevations
 Kelly Bushing (KB)
 Casing Flange (CF)
 KB-CF
 Ground Level 1326' GL
Plug Back Total Depth
Total Depth 2090'
Production Casing
Production Tubing

TEST INFORMATION

Type of Test DST#1 2038' to 2090'
Date(s) of Test 11-15-2004
Dead-weight Gauge Tubing Pressure
Dead-weight Gauge Casing Pressure
Shut-in Date (Duration) 11-15-2004
Date / Time on Bottom 11-15-2004 @ 3:10 Am
Date / Time off Bottom 11-15-2004 @ 6:55 Am

Probe Serial Number Z43
Probe Offset from End of Tool String
Run Depth at Probe Pressure Port 2043'

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure 1145.6 psig
Maximum Recorded Probe Temperature 97.6 deg F
Final Buildup Pressure
Gradient Survey Information
 Extrapolated Pressure to MPP
 Final Gradient at Depth
Job Number



Company Name A.G.V. Corp.
Well Name Wolke 1-23
Type of Test DST#1 2038' to 2090'
Date(s) of Test 11-15-2004



PROBE INFORMATION

Probe Serial Number Z43
Model Level II
Pressure
 Calibrated Pressure Range 0.0 - 6000.0 psig
 Accuracy 0.05% FS
 Resolution 0.0015% FS
Temperature
 Calibrated Temperature Range -2.7 - 303.7 deg F
 Accuracy 0.25% FS
 Resolution 0.002% FS
Calibration File Used for Reports Z43DE26A.CAL

PROGRAMMING DETAILS

<u>Step</u>	<u>Sample Mode</u>	<u>Period</u>	<u>Duration</u>	<u>Comment</u>
0	Pause	5 seconds	25 seconds	Test mode
1	Pressure Trigger	30 seconds	indefinite	Trig @ 20 psi
2	Normal	3 minutes	45 minutes	
3	Overrun	15 seconds	end of memory	Fill remaining memory

Program Start Time Nov 14/2004 @ 23:59:56
Program End Time Nov 15/2004 @ 13:04:56
Total Samples Taken 2976
Usage for this Test 0.1150 Ah
Generic Data File Name Z43NO15C.GEN



Company Name A.G.V. Corp.
Well Name Wolke 1-23
Type of Test DST#1 2038' to 2090'
Date(s) of Test 11-15-2004



COMMENTS

Reported By

James Ricketts

Strong blow in 2 mins. initial flow period. Gas to surface initial shut in period. Gauge 22,000 CFPD to 51,400 CFPD. Recovery 520' Water & gas cut mud. DST Fl. chloride 52,000 PPM



Company Name A.G.V. Corp.
 Well Name Wolke 1-23
 Type of Test DST#1 2038' to 2090'
 Date(s) of Test 11-15-2004



Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2004/11/15	04:12:26	4.2083	263.233	96.267
2004/11/15	04:14:56	4.2500	263.287	96.274
2004/11/15	04:17:26	4.2917	263.346	96.287
2004/11/15	04:19:56	4.3333	263.388	96.294
2004/11/15	04:22:26	4.3750	263.417	96.303
2004/11/15	04:24:56	4.4167	263.458	96.312
2004/11/15	04:27:26	4.4583	263.479	96.316
2004/11/15	04:29:56	4.5000	263.524	96.328
2004/11/15	04:32:26	4.5417	263.553	96.336
2004/11/15	04:34:56	4.5833	263.589	96.334
2004/11/15	04:37:26	4.6250	263.618	96.345
2004/11/15	04:39:56	4.6667	263.650	96.352
2004/11/15	04:42:26	4.7083	263.669	96.359
Initial Buildup				
2004/11/15	04:44:26	4.7417	263.495	96.361
2004/11/15	04:44:56	4.7500	172.355	96.400
Final Flow				
2004/11/15	04:47:11	4.7875	150.793	96.413
2004/11/15	04:47:26	4.7917	150.052	96.422
2004/11/15	04:49:56	4.8333	166.298	96.451
2004/11/15	04:52:26	4.8750	174.034	96.512
2004/11/15	04:54:56	4.9167	174.307	96.588
2004/11/15	04:57:26	4.9583	177.859	96.663
2004/11/15	04:59:56	5.0000	179.741	96.732
2004/11/15	05:02:26	5.0417	180.215	96.802
2004/11/15	05:04:56	5.0833	182.822	96.859
2004/11/15	05:07:26	5.1250	184.302	96.913
2004/11/15	05:09:56	5.1667	188.598	96.966
2004/11/15	05:12:26	5.2083	187.128	97.011
2004/11/15	05:14:56	5.2500	191.743	97.054
2004/11/15	05:17:26	5.2917	192.046	97.093
2004/11/15	05:19:56	5.3333	192.997	97.131
2004/11/15	05:22:26	5.3750	194.555	97.171
2004/11/15	05:24:56	5.4167	194.739	97.212
2004/11/15	05:27:26	5.4583	196.034	97.245
Final Flow				
2004/11/15	05:28:11	5.4708	196.655	97.263
2004/11/15	05:29:56	5.5000	258.271	97.257
2004/11/15	05:32:26	5.5417	265.591	97.304
2004/11/15	05:34:56	5.5833	266.488	97.349
2004/11/15	05:37:26	5.6250	266.876	97.381
2004/11/15	05:39:56	5.6667	267.092	97.416
2004/11/15	05:42:26	5.7083	267.235	97.428
2004/11/15	05:44:56	5.7500	267.354	97.448
2004/11/15	05:47:26	5.7917	267.447	97.459
2004/11/15	05:49:56	5.8333	267.521	97.466
2004/11/15	05:52:26	5.8750	267.583	97.482
2004/11/15	05:54:56	5.9167	267.629	97.486
2004/11/15	05:57:26	5.9583	267.681	97.493
2004/11/15	05:59:56	6.0000	267.723	97.495



Company Name A.G.V. Corp.
 Well Name Wolke 1-23
 Type of Test DST#1 2038' to 2090'
 Date(s) of Test 11-15-2004



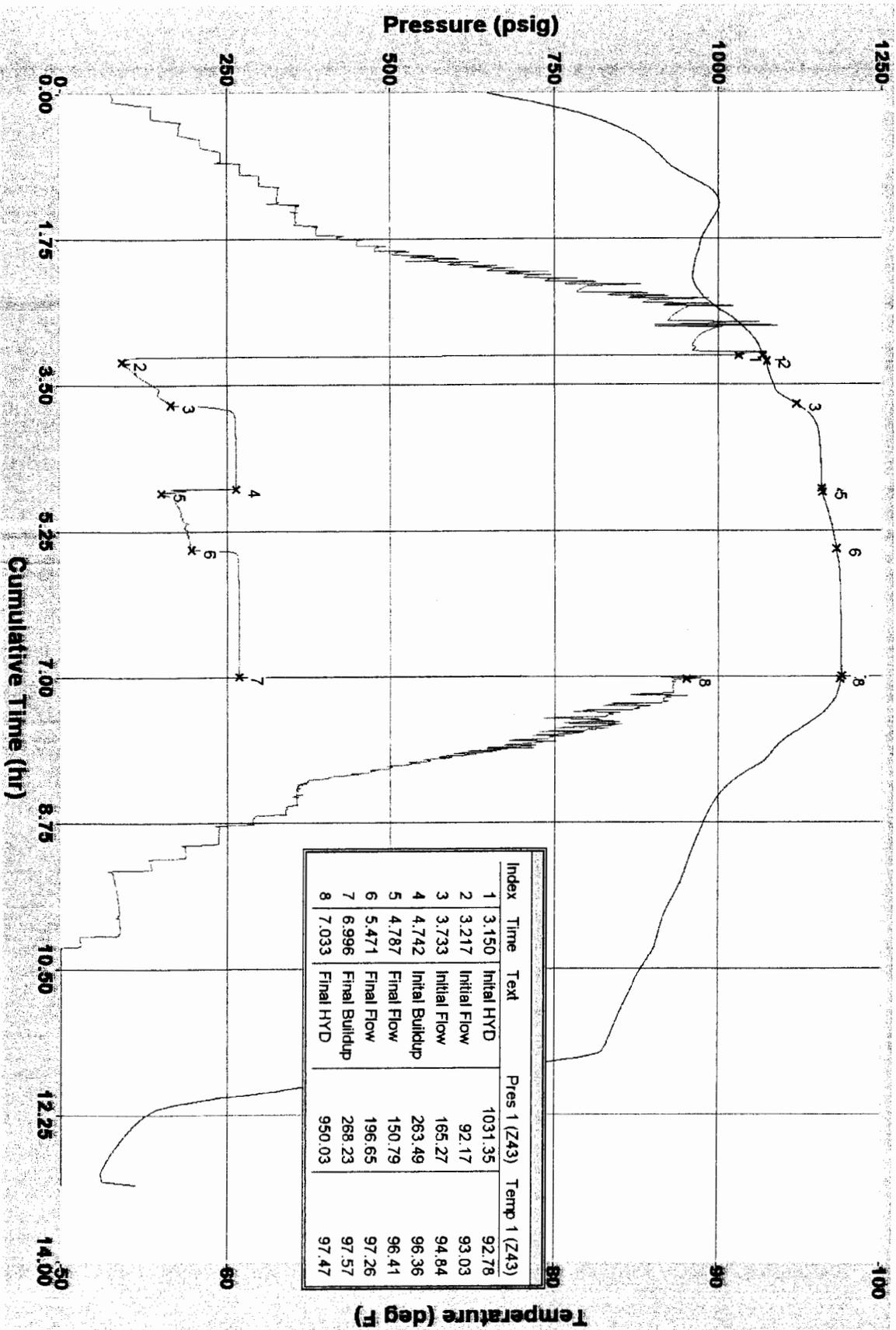
Date	Time	Cum. T. 1 (Z43)	Pres 1 (Z43)	Temp 1 (Z43)
		hr	psig	deg F
2004/11/15	06:02:26	6.0417	267.759	97.502
2004/11/15	06:04:56	6.0833	267.807	97.511
2004/11/15	06:07:26	6.1250	267.842	97.515
2004/11/15	06:09:56	6.1667	267.868	97.515
2004/11/15	06:12:26	6.2083	267.895	97.516
2004/11/15	06:14:56	6.2500	267.928	97.515
2004/11/15	06:17:26	6.2917	267.943	97.527
2004/11/15	06:19:56	6.3333	267.961	97.533
2004/11/15	06:22:26	6.3750	267.974	97.536
2004/11/15	06:24:56	6.4167	268.017	97.536
2004/11/15	06:27:26	6.4583	268.031	97.538
2004/11/15	06:29:56	6.5000	268.055	97.540
2004/11/15	06:32:26	6.5417	268.069	97.543
2004/11/15	06:34:56	6.5833	268.098	97.551
2004/11/15	06:37:26	6.6250	268.107	97.543
2004/11/15	06:39:56	6.6667	268.111	97.549
2004/11/15	06:42:26	6.7083	268.140	97.552
2004/11/15	06:44:56	6.7500	268.137	97.560
2004/11/15	06:47:26	6.7917	268.165	97.556
2004/11/15	06:49:56	6.8333	268.188	97.563
2004/11/15	06:52:26	6.8750	268.193	97.560
2004/11/15	06:54:56	6.9167	268.203	97.560
2004/11/15	06:57:26	6.9583	268.211	97.565
Final Buildup				
2004/11/15	06:59:41	6.9958	268.229	97.569
2004/11/15	06:59:56	7.0000	1145.603	97.430
Final HYD				
2004/11/15	07:01:56	7.0333	950.033	97.471
2004/11/15	07:02:26	7.0417	936.117	97.484
2004/11/15	07:04:56	7.0833	928.975	97.479
2004/11/15	07:07:26	7.1250	928.571	97.434
2004/11/15	07:09:56	7.1667	929.512	97.372
2004/11/15	07:12:26	7.2083	896.818	97.311
2004/11/15	07:14:56	7.2500	926.158	97.227
2004/11/15	07:17:26	7.2917	913.821	97.090
2004/11/15	07:19:56	7.3333	874.795	96.928
2004/11/15	07:22:26	7.3750	873.044	96.759
2004/11/15	07:24:56	7.4167	793.429	96.562
2004/11/15	07:27:26	7.4583	837.607	96.318
2004/11/15	07:29:56	7.5000	748.010	96.033
2004/11/15	07:32:26	7.5417	831.557	95.722
2004/11/15	07:34:56	7.5833	841.491	95.389
2004/11/15	07:37:26	7.6250	820.062	95.081
2004/11/15	07:39:56	7.6667	733.318	94.771
2004/11/15	07:42:26	7.7083	718.533	94.435
2004/11/15	07:44:56	7.7500	740.604	94.141
2004/11/15	07:47:26	7.7917	723.945	93.889
2004/11/15	07:49:56	7.8333	701.356	93.673
2004/11/15	07:52:26	7.8750	666.286	93.479
2004/11/15	07:54:56	7.9167	606.897	93.308



Company Name
Well Name
Type of Test
Date(s) of Test

A.G.V. Corp.
Wolke 1-23
DST#1 2038' to 2090'
11-15-2004

15-11-2004 DST#1 Wolke 1-23





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 21098.D47

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JUN 22 2005
KCC WICHITA

Company AGV Corporation Lease & Well No. Wolke No. 1-23
Location 1337 KB Formation Mississippi Effective Pay Ft. Ticket No. 1937
Site 11-21-04 Sec. 23 Twp. 31S Range 3W County Sumner State Kansas
Test Approved By Rod Anderson Diamond Representative Roger D. Friedly

Formation Test No. 2 Interval Tested from 3,959 ft. to 3,972 ft. Total Depth 3,972 ft.
Packer Depth 3,954 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Packer Depth 3,959 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,940 ft. Recorder Number 21098 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 3,969 ft. Recorder Number 13387 Cap. 4,000 psi
Flow Straddle Recorder Depth ft. Recorder Number Cap. psi

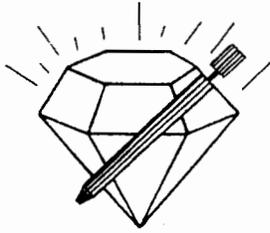
Drilling Contractor Forrest Energy, LLC - Rig 8 Drill Collar Length 657 ft. I.D. 2 1/4 in.
Fluid Type Chemical Viscosity 54 Weight Pipe Length ft. I.D. in.
Weight 9.3 Water Loss 9.6 cc. Drill Pipe Length 3,270 ft. I.D. 3 1/2 in.
Chlorides 5,000 P.P.M. Test Tool Length 32 ft. Tool Size 3 1/2 - IF in.
Packer: Make Bowen Serial Number No. 1 Anchor Length 13 ft. Size 4 1/2 - FH in.
Bid Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Flow: 1st Open: Strong blow. Off bottom of bucket immediately. Gas to surface in 9 mins. 10 in. blow back during shut-in.
2nd Open: Strong blow. Off bottom of bucket in 1 min. Strong bottom of the bucket blow back during shut-in.

Recovered 433 ft. of clean gassy oil = 3.179000 bbls. (Grind out: 10%-gas; 90%-oil) Gravity: 42 @ 60°
Recovered 169 ft. of slightly oil & gas cut muddy water = .831480 bbls. (Grind out: 15%-oil; 25%-gas; 30%-mud; 30%-water)
Recovered 168 ft. of salt water with a trace of oil = .826560 bbls. (Chlorides: 93,000 Ppm)
Recovered 770 ft. of TOTAL FLUID = 4.837040 bbls.

Recovered ft. of
Remarks

Time Set Packer(s)	<u>8:08</u>	XXX P.M.	Time Started Off Bottom	<u>12:08</u>	XXX P.M.	A.M.	Maximum Temperature	<u>123°</u>
Initial Hydrostatic Pressure			(A)	<u>1873</u>			P.S.I.	
Initial Flow Period	Minutes	<u>30</u>	(B)	<u>47</u>	P.S.I.	to (C)	<u>153</u>	P.S.I.
Initial Closed In Period	Minutes	<u>60</u>	(D)	<u>1447</u>			P.S.I.	
Final Flow Period	Minutes	<u>60</u>	(E)	<u>144</u>	P.S.I.	to (F)	<u>272</u>	P.S.I.
Final Closed In Period	Minutes	<u>90</u>	(G)	<u>1426</u>			P.S.I.	
Final Hydrostatic Pressure			(H)	<u>1873</u>			P.S.I.	



DIAMOND TESTING
P. O. Box 157
HOISINGTON, KANSAS 67544
(316) 653-7550

GAS VOLUME REPORT

Company AGV Corporation Lease & Well No. Wolke No. 1-23
Date 11-21-04 Sec. 23 Twp. 31 S Rge. 3 W Location 2190' FNL & 2190' FEL, SEC IRREG County Sumner State KS
Drilling Contractor Forrest Energy, LLC - Rig 8 Formation Mississippi DST No. 2
Remarks: 1st Open: Gas to surface in 9 mins. Burned nicely.

INITIAL FLOW

Open Tool: 8:08 p.m.

Time O'Clock	Orifice Size	Gauge	MCF/D
8:23 p.m.	½ in.	5½ psi	21,800
8:28 p.m.	½ in.	6½ psi	23,900
8:33 p.m.	½ in.	8 psi	27,000
8:38 p.m.	½ in.	8½ psi	28,000

FINAL FLOW

Open Tool: 9:38 p.m.

Time O'Clock	Orifice Size	Gauge	MCF/D
9:43 p.m.	½ in.	7 psi	25,000
9:48 p.m.	½ in.	10 psi	30,800
9:53 p.m.	½ in.	11 psi	32,400
9:58 p.m.	½ in.	11½ psi	33,200
10:03 p.m.	½ in.	11½ psi	33,200
10:08 p.m.	½ in.	11 psi	32,400
10:13 p.m.	½ in.	11 psi	32,400
10:18 p.m.	½ in.	10 psi	30,800
10:23 p.m.	½ in.	9½ psi	29,900
10:28 p.m.	½ in.	9 psi	29,000
10:33 p.m.	½ in.	8½ psi	28,000
10:38 p.m.	½ in.	7½ psi	26,100

GENERAL INFORMATION

Client Information:

Company: AGV CORP
Contact: ROD ANDERSON
Phone: Fax: e-mail:

Site Information:

Contact: ROD ANDERSON
Phone: Fax: e-mail:

Well Information:

Name: WOLKE # 1-23
Operator: AGV CORP
Location-Downhole: DST #2 MISS 3,959' - 3,972'
Location-Surface: SEC 23-31S-3W SUMNER COUNTY

Test Information:

Company: DIAMOND TESTING
Representative: ROGER D. FRIEDLY
Supervisor: ROD ANDERSON
Test Type: CONVENTIONAL Job Number:
Test Unit: NO 1
Start Date: 2004/11/21 Start Time: 15:32:00
End Date: 2004/11/22 End Time: 06:49:00
Report Date: Prepared By:
Qualified By:

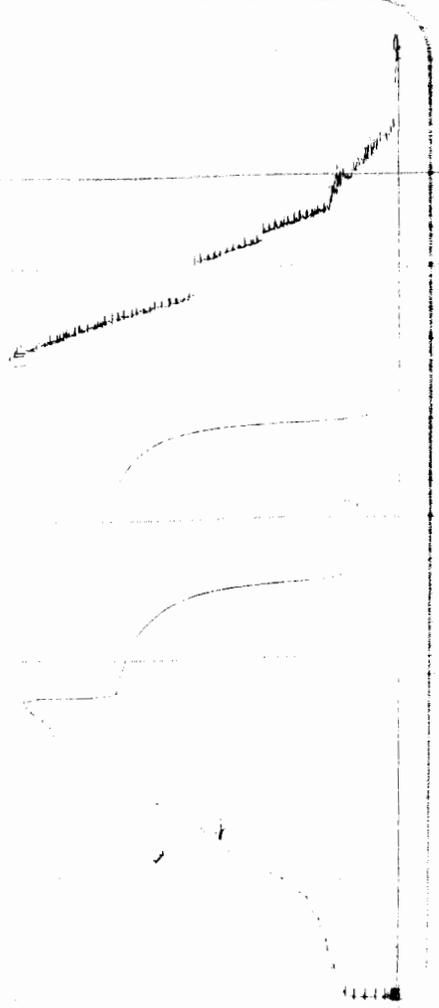
Remarks:

RECOVERED: 433' CGO 42 GRAVITY @ 60 deg.
169' SLTO&GCMW (15% OIL, 25% GAS, 30% MUD, 30% WTR)
168' SW (TRACE OF OIL) CHLORIDES 93,000 Ppm
770' TOTAL FLUID.

TOOL SAMPLE : BLEW OUT.

6965 201
2165-6563

157 #2 201 13387
177155



WOLKE # 1-23
Formation: DST #2 MISS 3,959' - 3,972'
Pool: WILDCAT

WOLKE # 1-23
DST #2 MISS 3,959' - 3,972'
Test Date: 2004/11/21
Well Test Date: 2004/11/22

WOLKE # 1-23

