ORIGINAL

SIDE ONE

21546-0000

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 03908

Name: Parker & Parsley Development, L.P.

Address 14000 Quail Springs Pkwy, Suite 5000

City/State/Zip Oklahoma City, OK 73134-2600

Purchaser: N / A

Operator Contact Person: Mark Reichardt

Phone (405) 749-1780

Contractor: Name: Murfin Drilling

License: 30606

Wellsite Geologist: Arden Ratzlaff

Designate Type of Completion

X New Well ____ Re-Entry ____ Workover

____ Oil ____ SWD ____ SIOW XXX Temp. Abd.

____ Gas ____ ENHR ____ SIGW

X Dry ____ Other (Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-Entry: old well info as follows:

Operator:

Well Name:

Comp. Date ____ Old Total Depth ____

____ Deepening ____ Re-perf. ____ Conv. to Inj/SWD

____ Plug Back ____ PBTD

____ Commingled Docket No. ____

____ Dual Completion Docket No. ____

____ Other (SWD or Inj?) Docket No. ____

3/04/97 3/11/97 3/30/97
Spud Date Date Reached TD Completion Date

API NO. 15- 055-225460000

County Finney

C SE ____ ____ Sec. 24 Twp. 24 Rge. 32 ____ E X W

1370 Feet from (S) N (circle one) Line of Section

1370 Feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, (SE), NW or SW (circle one)

Lease Name Huston Well # 3-24

Kansas - Hugoton

Producing Formation None

Elevation: Ground 2883' KB ____

Total Depth 5050' PBTD ____

Amount of Surface Pipe Set and Cemented at 1965 Feet

Multiple Stage Cementing Collar Used? ____ Yes X No

If yes, show depth set ____ Feet

If Alternate II completion, cement circulated from ____

feet depth to ____ w/ ____ sx cmt.

Drilling Fluid Management Plan D&A JH 7-11-97
(Data must be collected from the Reserve Pit)

Chloride content 600 ppm Fluid volume 3000 bbls

Dewatering method used Evaporation and Backfill

Location of fluid disposal if hauled offsite:

Operator Name N / A 6-27-97

Lease Name ____ License No. ____

____ Quarter Sec. ____ Twp. ____ S Rge. ____ E/W

County ____ Docket No. ____

INSTRUCTIONS: An Original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market, Room 2078, Wichita, Kansas 67202-1212, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Mark Reichardt

Title Senior Operations Engineer Date 5/22/97

Subscribed and sworn to before me this 22nd day of May 19 97

Notary Public Cheryl Clarke

Date Commission Expires October 22, 1998

K.C.C. OFFICE USE ONLY
F ____ Letter of Confidentiality Attached
C ✓ Wireline Log Received
C ✓ ~~Drillers Timelog Received~~ GEOLOGIST'S REPORT RECEIVED

Distribution
✓ KCC ____ SWD/Rep ____ NGPA
____ KGS ____ Plug ____ Other (Specify)

Form ACO-1 (7-91)

SIDE TWO

Operator Name Parker & Parsley Development, L.P. Lease Name Huston Well # 3-24

☐ East

Sec. 24 Twp. 24 Rge. 32 ☒ West

County Finney

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.) ☒ Yes ☐ No

Samples Sent to Geological Survey ☐ Yes ☒ No

Cores Taken ☐ Yes ☒ No

Electric Log Run (Submit Copy.) ☒ Yes ☐ No

List All E.Logs Run:

Cement Bond Log
Spectral Density Dual Spaced Neutron II Log
Microlog
Dual Induction Laterolog

☒ Log Formation (Top), Depth and Datums ☐ Sample

Name	Top	Datum
Marmaton	4512	KB
Cherokee (Excello)	4622'	KB
Morrow	4794'	KB
Mississippian	4804'	KB
St. Louis "C"	4904'	KB

CASING RECORD ☒ New ☐ Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface Casing	12 1/4"	8 5/8"	24#	1,965'	35/65Poz"C"	850	6%D20,2%S-1

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose	Depth Top	Depth Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
____ Perforate					
____ Protect Casing					
____ Plug Back TD					
____ Plug Off Zone					

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Sqeeze Record (Amount and Kind of Material Used)	Depth
N/A	DST proved Mississippian as non-commercial		

TUBING RECORD Size N/A Set At Packer At Liner Run ☐ Yes ☐ No

Date of First Resumed Production, SWD or Inj.Production N/A

Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
N/A								

Disposition of Gas:

☐ Vented ☐ Sold ☐ Used on Lease
(If vented, submit ACO-18.)

METHOD OF COMPLETION

☐ Open Hole ☐ Perforation ☐ Dually Completed ☐ Commingled

☐ Other (Specify)

Production Interval N/A

15-055-21546-0000

TRILOBITE TESTING L.L.C.

OPERATOR : Parker & Parsley Develop DATE 3-12-97
WELL NAME: Huston #3-24 KB 2894.00 ft TICKET NO: 9910 DST #1
LOCATION : 24-24S-32W Finney KS. GR 2883.00 ft FORMATION: Mississippian
INTERVAL : 4887.00 To 49240.00 ft TD 4924.00 ft TEST TYPE: CONV

RECORDER DATA

Mins		Field	1	2	3	4
PF 15	Rec.	13339	13339	2341		
SI 45	Range(Psi)	4025.0	4025.0	4995.0	0.0	0.0
SF 15	Clock(hrs)	12 HR	12 HR	Elec		
FS 45	Depth(ft)	4919.0	4919.0	4890.0	0.0	0.0

TIME DATA----------
PF Fr. 1836 to 1851 hr
IS Fr. 1851 to 1936 hr
SF Fr. 1936 to 1951 hr
FS Fr. 1951 to 2036 hr

	Field	1	2	3	4
A. Init Hydro	2463.0	2486.0	2405.0	0.0	0.0
B. First Flow	20.0	60.0	12.0	0.0	0.0
B1. Final Flow	20.0	62.0	21.0	0.0	0.0
C. In Shut-in	1251.0	1315.0	1295.0	0.0	0.0
D. Init Flow	41.0	121.0	24.0	0.0	0.0
E. Final Flow	41.0	99.0	32.0	0.0	0.0
F. Fl Shut-in	1220.0	1270.0	1250.0	0.0	0.0
G. Final Hydro	2383.0	2348.0	2356.0	0.0	0.0
Inside/Outside	O	O	I		

T STARTED 1555 hr
T ON BOTM 1832 hr
T OPEN 1836 hr
T PULLED 2036 hr
T OUT 2300 hr

RECOVERY
Tot Fluid 5.00 ft of 5.00 ft in DC and 0.00 ft in DP
5.00 ft of Drilling Mud
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
SALINITY 1500.00 P.P.M. A.P.I. Gravity 0.00

TOOL DATA----------

Tool Wt.	1800.00 lbs
Wt Set On Packer	30000.00 lbs
Wt Pulled Loose	110000.00 lbs
Initial Str Wt	90000.00 lbs
Unseated Str Wt	90000.00 lbs
Bot Choke	0.75 in
Hole Size	7.88 in
D Col. ID	2.25 in
D. Pipe ID	3.80 in
D.C. Length	549.00 ft
D.P. Length	4324.00 ft

BLOW DESCRIPTION
Initial Flow:
Weak surface blow steady @ 1/4" throughtout

Initial Shut In:

Final Flow:
No blow, flushed tool/ good surge, no return blow

Final Shut In:
No blow

SAMPLES:
SENT TO:

Test Successful: Y

MUD DATA----------

Mud Type	Chemical
Weight	9.20 lb/cf
Vis.	53.00 S/L
W.L.	9.20 in3
F.C.	0.00 in
Mud Drop	N
Amt. of fill	0.00 ft
Btm. H. Temp.	118.00 F
Hole Condition	Good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	N
Tool Chased	N
Tester	Rod Steinbrink
Co. Rep.	Taylor/Mark
Contr.	Murfin
Rig #	21
Unit #	
Pump T.	

*** TOOL DIAGRAM *** CONV

L NAME: Huston #3-24

ATION : 24-24S-32W Finney KS.

KET No. 9910 D.S.T. No. 1 DATE 3-12-97

AL TOOL TO BOTTOM OF TOP PACKERS 30

ERVAL TOOL 37

TOM PACKERS AND ANCHOR .....

AL TOOL 67

LL COLLAR ANCHOR IN INTERVAL .....

. ANCHOR STND.Stands Single Total

. ANCHOR STND.Stands Single Total

AL ASSEMBLY .....

. ABOVE TOOLS.Stands9 Single Total 549

. ABOVE TOOLS.Stands69 Single 1 Total 4324

AL DRILL COLLARS DRILL PIPE & TOOLS .. 4940

AL DEPTH 4924

AL DRILL PIPE ABOVE K.B. 16

ARKS:

;

;

er;

;

al Volume;

ssure;

P.O. SUB 1' Above 120' DC	4737
C.O. SUB 1'	4857
S.I. TOOL 5'	4863
3' Sampler	4866
HMV 5'	4871
JARS 5'	4876
SAFETY JOINT 2'	4878
PACKER Top 4'	4882
PACKER Bottom 5'	4887
DEPTH	
STUBB 1'	4888
ANCHOR	
Alp. Rec. @ 4890	
31' Perf.	4919
T.C.	
DEPTH	
AK-1 Rec. @ 4919	
BULLNOSE 5'	
T.D.	4924

15.055-21546-0000

GAS RECOVERY

COMPANY: Parker & Parsley Develop DATE: 3-12-97
WELL NAME: Huston #3-24 KB Elev: 2894.00 ft TICKET #9910 DST #1
WELL LOCATION: 24-24S-32W Finney KS. GR Elev: 2883.00 ft FORMATION: Mississippian
INTERVAL Fr.: 4887.00 To 49240.00 T.D.: 4924.00 ft TEST TYPE: CONV

GAS RECOVERY MEASURED WITH Merla

***** GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
10	0.75	10	0	259000.0
20	0.75	20	0	398000.0
28	0.75	28	0	497000.0
28	0.75	28	0	467000.0

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9910 DST #1 Huston #3-24 Parker & Parsley Development

DATE: 03/12/97 TIME: 15:55:22

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
****** Initial Hydro.	161.00	2404.6	0.0	115.20		
****** Start Flow 1	0.00	12.2	0.0	115.30		
	1.00	13.6	1.4	115.46		
	2.00	15.2	3.0	115.57		
	3.00	16.0	3.8	115.64		
	4.00	16.1	3.9	115.69		
	5.00	16.4	4.2	115.71		
	6.00	17.0	4.8	115.74		
	7.00	17.5	5.3	115.75		
	8.00	18.4	6.2	115.76		
	9.00	18.6	6.5	115.78		
	10.00	19.0	6.8	115.76		
	11.00	19.5	7.3	115.81		
	12.00	19.8	7.6	115.75		
	13.00	20.3	8.1	115.81		
	14.00	20.7	8.5	115.83		
****** End Flow 1	15.00	21.1	8.9	115.87		
****** Start Shutin 1	0.00	21.1	0.0	115.87	0.0000	0.000
	1.00	28.5	7.4	115.89	16.0000	0.001
	2.00	52.1	31.0	115.91	8.5000	0.003
	3.00	113.3	92.2	115.91	6.0000	0.013
	4.00	267.4	246.3	115.94	4.7500	0.071
	5.00	462.1	441.0	115.97	4.0000	0.214
	6.00	624.8	603.7	116.02	3.5000	0.390
	7.00	749.8	728.8	116.07	3.1429	0.562
	8.00	846.8	825.7	116.12	2.8750	0.717
	9.00	921.0	899.9	116.16	2.6667	0.848
	10.00	978.2	957.1	116.26	2.5000	0.957
	11.00	1023.1	1002.0	116.29	2.3636	1.047
	12.00	1058.7	1037.7	116.34	2.2500	1.121
	13.00	1087.9	1066.8	116.46	2.1538	1.184
	14.00	1112.0	1090.9	116.42	2.0714	1.237
	15.00	1132.2	1111.1	116.46	2.0000	1.282
	16.00	1149.4	1128.3	116.51	1.9375	1.321
	17.00	1164.2	1143.1	116.55	1.8824	1.355
	18.00	1177.1	1156.0	116.56	1.8333	1.385
	19.00	1188.4	1167.3	116.63	1.7895	1.412
	20.00	1198.5	1177.4	116.66	1.7500	1.436
	21.00	1207.2	1186.1	116.70	1.7143	1.457
	22.00	1215.2	1194.1	116.73	1.6818	1.477
	23.00	1222.5	1201.4	116.75	1.6522	1.494
	24.00	1228.9	1207.8	116.78	1.6250	1.510
	25.00	1235.1	1214.0	116.80	1.6000	1.525
	26.00	1240.6	1219.6	116.85	1.5769	1.539
	27.00	1245.8	1224.7	116.88	1.5556	1.552
	28.00	1250.4	1229.3	116.90	1.5357	1.564
	29.00	1254.8	1233.8	116.95	1.5172	1.575
	30.00	1258.9	1237.8	116.98	1.5000	1.585
	31.00	1262.6	1241.5	117.06	1.4839	1.594
	32.00	1266.1	1245.0	117.04	1.4688	1.603
	33.00	1269.4	1248.3	117.08	1.4545	1.611

15-055-21546-0000

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
TEST: 9910 DST #1 Huston #3-24 Parker & Parsley Development
DATE: 03/12/97 TIME: 15:55:22

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	34.00	1272.5	1251.4	117.10	1.4412	1.619
	35.00	1275.3	1254.3	117.13	1.4286	1.627
	36.00	1278.0	1257.0	117.16	1.4167	1.633
	37.00	1280.6	1259.5	117.19	1.4054	1.640
	38.00	1283.0	1261.9	117.23	1.3947	1.646
	39.00	1285.4	1264.3	117.24	1.3846	1.652
	40.00	1287.5	1266.4	117.28	1.3750	1.658
	41.00	1289.6	1268.5	117.31	1.3659	1.663
	42.00	1291.5	1270.4	117.34	1.3571	1.668
	43.00	1293.3	1272.2	117.37	1.3488	1.673
****** End Shut-in 1	44.00	1295.1	1274.0	117.41	1.3409	1.677
****** Start Flow 2	0.00	23.7	0.0	117.36		
	1.00	23.6	-0.1	117.35		
	2.00	23.8	0.1	117.34		
	3.00	24.3	0.7	117.32		
	4.00	24.5	0.9	117.33		
	5.00	25.0	1.4	117.33		
	6.00	25.7	2.0	117.33		
	7.00	2381.7	2358.0	117.43		
	8.00	29.9	6.2	117.40		
	9.00	30.4	6.7	117.44		
	10.00	30.9	7.2	117.47		
	11.00	30.9	7.3	117.50		
	12.00	31.1	7.5	117.52		
	13.00	31.7	8.0	117.54		
	14.00	32.1	8.4	117.57		
****** End Flow 2	15.00	32.4	8.7	117.59		
****** Start Shutin 2	0.00	32.4	0.0	117.59	0.0000	0.001
	1.00	34.5	2.1	117.62	31.0000	0.001
	2.00	49.3	16.9	117.63	16.0000	0.002
	3.00	72.6	40.1	117.67	11.0000	0.005
	4.00	112.9	80.5	117.72	8.5000	0.013
	5.00	189.8	157.4	117.73	7.0000	0.036
	6.00	315.5	283.1	117.78	6.0000	0.10
	7.00	460.6	428.2	117.80	5.2857	0.212
	8.00	593.7	561.3	117.88	4.7500	0.352
	9.00	704.5	672.1	117.91	4.3333	0.496
	10.00	793.6	761.2	117.96	4.0000	0.630
	11.00	864.5	832.1	118.01	3.7273	0.747
	12.00	920.9	888.5	118.07	3.5000	0.848
	13.00	966.0	933.6	118.12	3.3077	0.933
	14.00	1002.4	970.0	118.16	3.1429	1.005
	15.00	1032.4	1000.0	118.20	3.0000	1.066
	16.00	1057.5	1025.1	118.25	2.8750	1.118
	17.00	1078.6	1046.2	118.29	2.7647	1.163
	18.00	1096.5	1064.1	118.32	2.6667	1.202
	19.00	1112.2	1079.8	118.35	2.5789	1.237
	20.00	1125.9	1093.5	118.38	2.5000	1.268
	21.00	1137.9	1105.5	118.41	2.4286	1.295
	22.00	1148.6	1116.2	118.44	2.3636	1.319
	23.00	1158.1	1125.7	118.48	2.3043	1.341

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
TEST: 9910 DST #1 Huston #3-24 Parker & Parsley Development
DATE: 03/12/97 TIME: 15:55:22

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	24.00	1166.8	1134.4	118.50	2.2500	1.361
	25.00	1174.4	1142.0	118.53	2.2000	1.379
	26.00	1181.5	1149.1	118.56	2.1538	1.396
	27.00	1188.0	1155.6	118.57	2.1111	1.411
	28.00	1193.9	1161.5	118.62	2.0714	1.425
	29.00	1199.4	1167.0	118.63	2.0345	1.439
	30.00	1204.6	1172.2	118.65	2.0000	1.451
	31.00	1209.3	1176.9	118.67	1.9677	1.462
	32.00	1213.7	1181.3	118.71	1.9375	1.473
	33.00	1217.7	1185.3	118.75	1.9091	1.483
	34.00	1221.7	1189.3	118.75	1.8824	1.493
	35.00	1225.2	1192.8	118.77	1.8571	1.501
	36.00	1228.7	1196.3	118.78	1.8333	1.510
	37.00	1231.9	1199.5	118.80	1.8108	1.518
	38.00	1234.9	1202.5	118.83	1.7895	1.525
	39.00	1237.9	1205.5	118.86	1.7692	1.532
	40.00	1240.6	1208.2	118.88	1.7500	1.539
	41.00	1243.2	1210.8	118.90	1.7317	1.546
	42.00	1245.7	1213.3	118.93	1.7143	1.552
	43.00	1248.1	1215.7	118.94	1.6977	1.558
****** End Shut-in 2	44.00	1250.4	1218.0	118.96	1.6818	1.563
****** Final Hydro.	283.00	2355.8	0.0	119.12		

15.055.21546-0060

TEST HISTORY

9910 DST #1 Huston #3-24 Parker & Parsley Development

Flag Points

	t(Min.)	P(PSIg)
A:	0.00	2404.63
B:	0.00	12.19
C:	15.00	21.08
D:	44.00	1295.07
E:	0.00	23.66
F:	15.00	32.41
G:	44.00	1250.38
Q:	0.00	2355.78

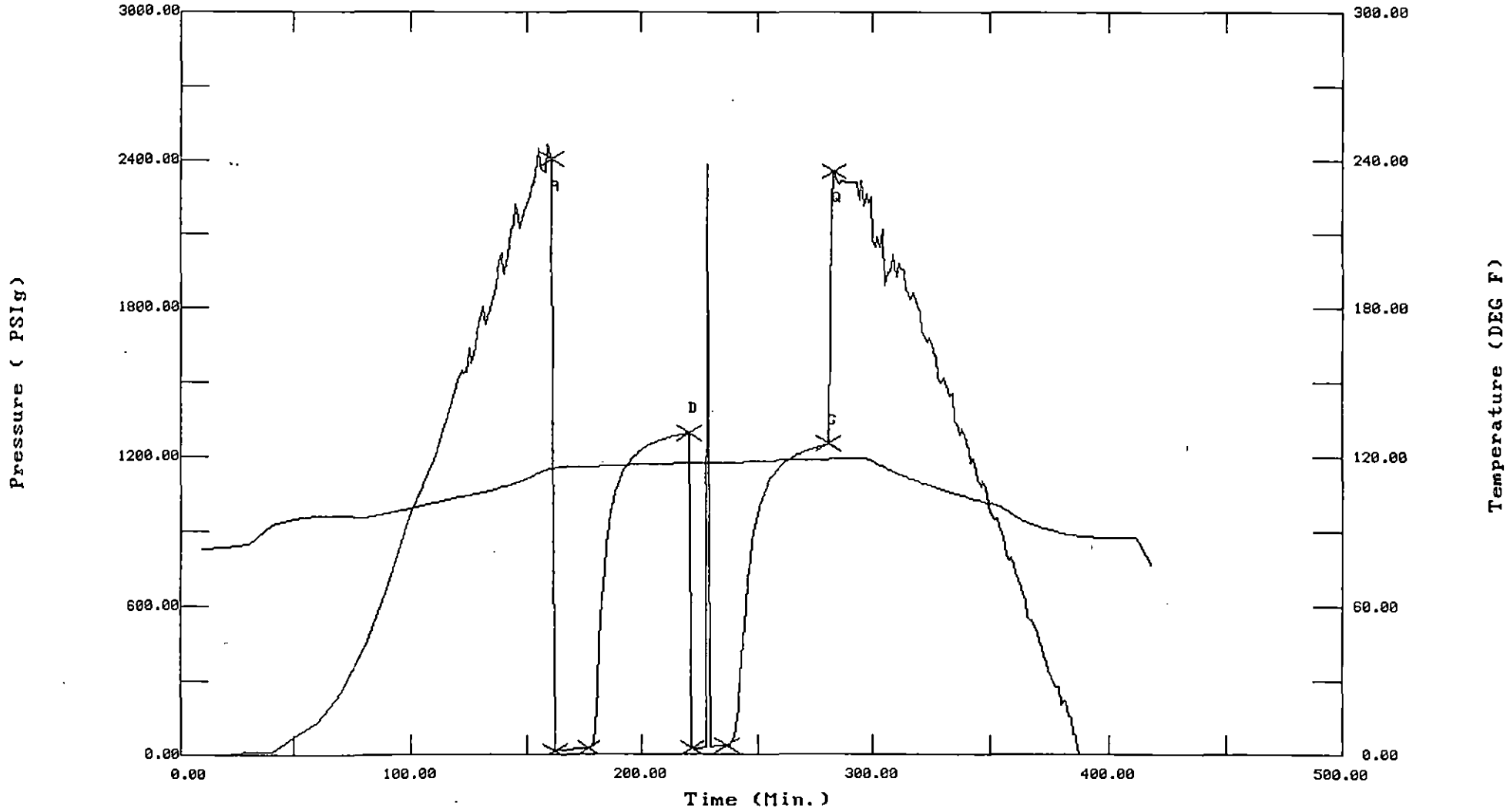
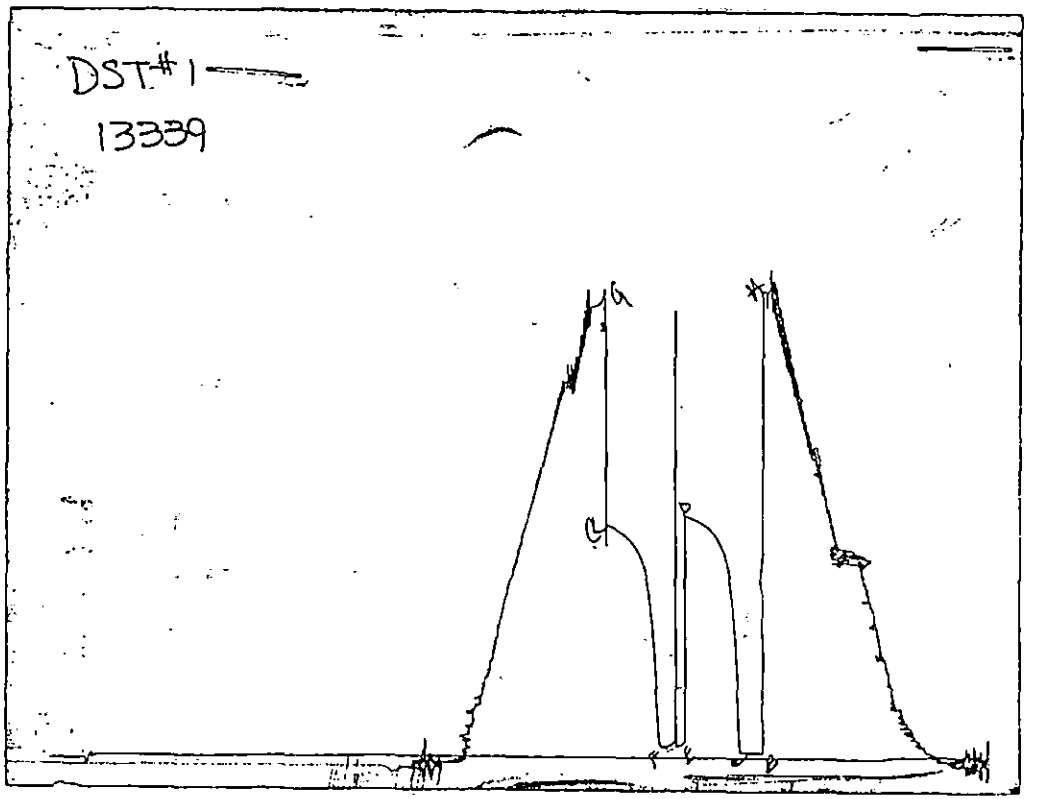


CHART PAGE



This is a photocopy of the actual AK-1 recorder chart

15-055-21546-0000

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Nº 9910

Well Name & No. Huston #3-24 Test No. 1 Date 3-12-97

Company Parker & Parsley Development Zone Tested Mississippian

Address 14000 Quail Springs Prkway Ste 5000 Okla. City, OK 73134-2600 Elevation 2894 KB 2883 GL

Co. Rep / Geo. Taylor Mullaly/Mark Cont. Murfin #21 Est. Ft. of Pay ____ Por. ____ %

Location: Sec. 24 Twp. 24S Rge. 32W Co. Finney State KS

No. of Copies ____ Distribution Sheet (Y, N) ____ Turnkey (Y, N) ____ Evaluation (Y, N) ____

Interval Tested 4887 - 4924 Initial Str Wt./Lbs. 90,000 Unseated Str Wt./Lbs. 90,000

Anchor Length 37' Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 110,000

Top Packer Depth 4882 Tool Weight 1,800

Bottom Packer Depth 4887 Hole Size — 7 7/8" ____ Rubber Size — 6 3/4" ____

Total Depth 4924 Wt. Pipe Run — Drill Collar Run 549'

Mud Wt. 9.2 LCM 2#/bbl Vis. 53 WL 9.2 Drill Pipe Size 4½" XH Ft. Run 4537'

Blow Description IF: Weak surface blow steady @ ¼" throughout

FF: No blow - Flushed tool / good surge - no return blow

Recovery — Total Feet 5' GIP — Ft. in DC 5' Ft. in DP —

Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec. 5'	Feet Of Drlg Mud	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud

BHT 118° °F Gravity ____ °API D@ ____ °F Corrected Gravity ____ °API

RW ____ @ ____ °F Chlorides ____ ppm Recovery Chlorides 1,500 ppm System

(A) Initial Hydrostatic Mud	2463	2424	PSI	Recorder No.	2341	T-Started	1555
(B) First Initial Flow Pressure	20	12	PSI	(depth)	4890	T-Open	1836
(C) First Final Flow Pressure	20	21	PSI	Recorder No.	13339	T-Pulled	2036
(D) Initial Shut-in Pressure	1251	1295	PSI	(depth)	4919	T-Out	2300
(E) Second Initial Flow Pressure	41	23	PSI	Recorder No.	—		
(F) Second Final Flow Pressure	41	32	PSI	(depth)	—		
(G) Final Shut-in Pressure	1220	1250	PSI	Initial Opening	15	Test	
(H) Final Hydrostatic Mud	2383	2355	PSI	Initial Shut-in	45	Jars	X
				Final Flow	15	Safety Joint	X
				Final Shut-in	45	Straddle	
						Circ. Sub	X N/C
						Sampler	X
						Extra Packer	
						Elect. Rec.	X
						Other	
						TOTAL PRICE $	

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By Arden Ratzloff

Our Representative Rod Steinbrink

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 9910 Date 3-12-97

Company Name Parker & Parsley Dev. Cont. Murfin #21

Lease Huston #3-24 Test No. 1 Mississippian

County Finney KS Sec. 24 Twp. 24 S Rng. 32 W

SAMPLER RECOVERY

Gas _____ ML

Oil _____ ML

Mud 4,000 ML

Water _____ ML

Other _____ ML

Pressure 10# PSI

Total 4,000 ML

PIT MUD ANALYSIS

Chlorides 1,500 ppm.

Resistivity _____ ohms @ _____ F

Viscosity 53

Mud Weight 9.2

Filtrate 9.2

Other LCM 2#/bbl

SAMPLER ANALYSIS

Resistivity _____ ohms @ _____ F

Chlorides 1,500 ppm.

Gravity _____ corrected @ 60 F

PIPE RECOVERY

TOP

Resistivity _____ ohms @ _____ F

Chlorides _____ ppm.

MIDDLE

Resistivity _____ ohms @ _____ F

Chlorides _____ ppm.

BOTTOM

Resistivity _____ ohms @ _____ F

Chlorides 1,500 ppm.

5-21-1997 4:03PM FROM **SURFACE CASING** 15-055-21546.0000 P.8

Dowell

0371-4010 15-6-97 STAGE DS Ulysses DISTRICT Ks

DS-496-A PRINTED IN U.S.A.

WELL NAME AND NO.: Huston #3-24
LOCATION (LEGAL): Sec 24-24s-32w
FIELD-POOL: Wildcat
FORMATION:
COUNTY/PARISH: Finney
STATE: Ks.
API. NO.:
NAME: Parker & Parsley
AND
ADDRESS
ZIP CODE

ORIGINAL

RIG NAME: Murfin #21

WELL DATA: BOTTOM TOP

BIT SIZE 12¼	CSG/Liner Size	8⅝	
TOTAL DEPTH 1980	WEIGHT	24	
ROT ☐ CABLE	FOOTAGE	1976	
MUD TYPE	GRADE	J55	
☐ BHST ☐ BHCT	THREAD	8rd	
MUD DENSITY	LESS FOOTAGE SHOE JOINT(S)	45	TOTAL
MUD VISC.	Disp. Capacity	123	

NOTE: Include Footage From Ground Level To Head In Disp. Capacity

Float	TYPE: Insert Float valve	Stage Tool	TYPE	
	DEPTH: 1931		DEPTH	
SHOE	TYPE: cmt nose		TYPE	
	DEPTH: 1976		DEPTH	

Head & Plugs	☐ TBG ☐ D.P.	SQUEEZE JOB
☐ Double	SIZE	TOOL TYPE
☐ Single	☐ WEIGHT	DEPTH
☐ Swage	☐ GRADE	TAIL PIPE: SIZE DEPTH
☐ Knockoff	☐ THREAD	TUBING VOLUME Bbls
TOP ☐R ☐W	☐ NEW ☐ USED	CASING VOL. BELOW TOOL Bbls
BOT ☐R ☐W	DEPTH	TOTAL Bbls
		ANNUAL VOLUME Bbls

SPECIAL INSTRUCTIONS

IS CASING/TUBING SECURED? ☐ YES ☐ NO
LIFT PRESSURE 812 PSI — CASING WEIGHT ÷ SURFACE AREA (3.14 x R²)
PRESSURE LIMIT PSI — BUMP PLUG TO 1000 PSI
ROTATE RPM — RECIPROCATE FT — No. of Centralizers 4

JOB SCHEDULED FOR TIME: 1330 DATE: 3-6 — ARRIVE ON LOCATION TIME: 1330 DATE: 3-6 — LEFT LOCATION TIME: 2030 DATE: 3-6

TIME 0001 to 2400	PRESSURE TBG OR D.P.	CASING	VOLUME PUMPED Bbl INCREMENT	CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
1810	1690							PREJOB SAFETY MEETING a psi Test lines
1811		0	10		5.7	H2O		start H2O ahead
1813		182	236		5.7	cmt	12.8	start lead cmt
1836		190		130	5.7	cmt	12.8	PSI check
1853		240	35		5.7	cmt	14.8	start tail cmt
1857		240		25	5.7	cmt	14.8	PSI check
1859		0						shutdown drop top plug
1900		0	123		6.7	H2O		start displacement
1902		100		10	6.7	H2O		PSI check
1906		280		40	6.6			" "
1909		340		60	6.4			" "
1912		450		80	6.4			" "
1916		500		100	5			" "
1918		580		110	5			" "
1919		600		115	2			lower Rate
1921		590		120	2			PSI Check
1923		1000		123	2			bump top plug

REMARKS 1924 bleed psi of check Float - end job

RECEIVED KANSAS CORP COMM 1997 MAY 27 A

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS	SLURRY MIXED BBLS	DENSITY
1.	700	1.89	65C 35poz + 6% gel + 2% cacl2 + ¼#D29	235.6	12.[illegible]
2.					
3.	150	1.32	class C + 2% cacl2 + ¼#D29	35.2	14.[illegible]
4.					
5.					
6.					

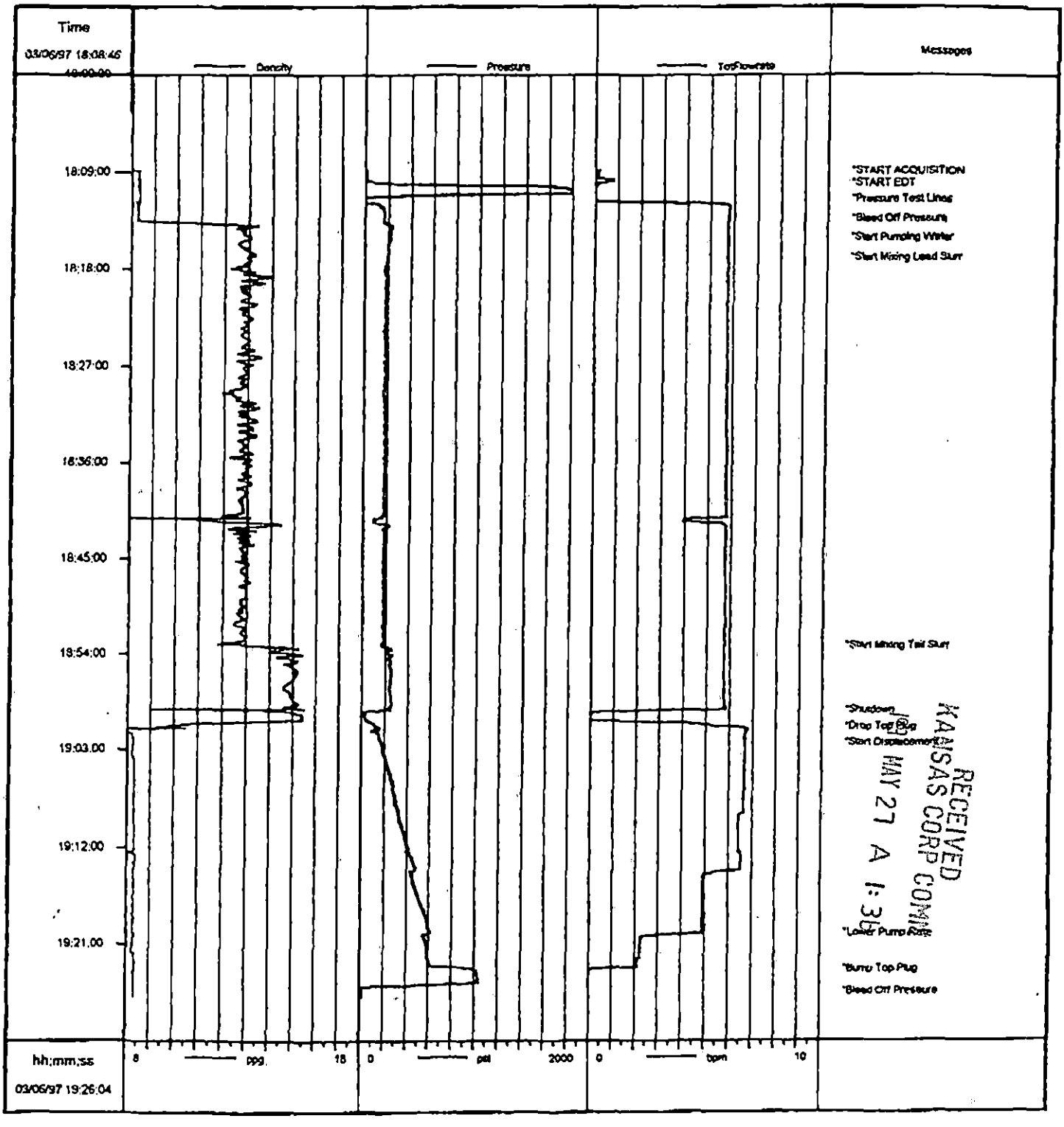
BREAKDOWN FLUID TYPE — VOLUME — DENSITY — PRESSURE MAX. 2145
☐ HESITATION SQ. ☐ RUNNING SQ. — CIRCULATION LOST ☐ YES ☐ NO — Cement Circulated To Surf. ☐ YES ☐ NO 72 Bbls
BREAKDOWN PSI FINAL PSI — DISPLACEMENT VOL. 123 Bbls — TYPE OF WELL ☐ OIL ☐ GAS ☐ STORAGE ☐ INJECTION ☐ BRINE WATER ☐ WILDCAT
Washed Thru Perfs ☐ YES ☐ NO TO FT. — MEASURED DISPLACEMENT ☐ WIRELINE
PERFORATIONS TO TO TO TO
CUSTOMER REPRESENTATIVE: T. Millarx
DS SUPERVISOR: James Esquivel

Schlumberger Dowell

Cementing Job Report ORIGINAL PRISM* V2.2

15-055-~~22546~~

Well	HUSTON #3	Client	PARKER & PARSLEY
Field	WILDCAT	SIR No.	03-12-9010
Country	U S A	Job Date	3/6/97 6:08:46 PM



Job: pp0310

03/06/1997 19:29

* Mark of Schlumberger