FORM MUST BE TYPED

SIDE ONE

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

ORIGINAL

API NO. 15- 071-206860000 plugged 4/26/98

Operator: License # 7873

Name: Ricks Exploration, Inc.

Address 5600 No. May, Suite 350

Oklahoma City

City/State/Zip OK 73112

Purchaser: None

Operator Contact Person: Lynne Suchy

Phone (405) 8409099

Contractor: Name: Murfin Drilling Co., Inc.

License: 30606

Wellsite Geologist: Greg Wilson

County Greeley

_ S½ NW SE Sec. 23 Twp. 16S Rge. 42W E/W

1708' Feet from (S)/N (circle one) Line of Section

2127' 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 HIBBERT Well # 23A

Field Name Sidney

Producing Formation NONE

Elevation: Ground 3787' KB 3796'

Total Depth 5196' PBTD

Amount of Surface Pipe Set and Cemented at 347.71' Feet

Multiple Stage Cementing Collar Used? ___ Yes X No

If yes, show depth set ___ Feet

If Alternate II completion, cement circulated from 347'

feet depth to surf w/ 270 sx cmt.

Designate Type of Completion
X New Well ___ Re-Entry ___ Workover

___ Oil ___ SWD ___ SIOW ___ Temp. Abd.
___ Gas ___ ENHR ___ SIGW
X Dry ___ Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

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. ___

4/17/98 Spud Date
4/25/98 Date Reached TD
P&A 4/26/98 Completion Date

Drilling Fluid Management Plan DH 6-17-98 LC
(Data must be collected from the Reserve Pit)

Chloride content 42000 ppm Fluid volume 2800 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

___ Quarter Sec. ___ Twp. ___ S Rng. ___ 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, 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 Lynne Suchy

Title Drilling Operations Asstnt Date 5/7/98

Subscribed and sworn to before me this 7th day of May, 19 98.

Notary Public

Date Commission Expires 04/28/2000

K.C.C. OFFICE USE ONLY
F ___ Letter of Confidentiality Attached
C ✓ Wireline Log Received
C ___ Geologist Report Received

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

Form ACO-1 (7-91)

SIDE TWO

Operator Name Ricks Exploration, Inc. Lease Name HIBBERT Well # 23A

Sec. 23 Twp. 16S Rge. 42W ☐ East ☐ West County Greeley Co., KS

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:

Dual Ind. Laterolog
SD DS Neutron II

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

Name Top Datum

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 csg	12¼"	8-5/8"	23#	347.71'	TypeIII	270	2%CACL2

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 Squeeze Record (Amount and Kind of Material Used)	Depth
	N/A		

TUBING RECORD Size Set At Packer At

N/A

Liner Run ☐ Yes ☒ No

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

Disposition of Gas: METHOD OF COMPLETION Production Interval

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

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled

☐ Other (Specify) D&A

CEMENT JOB REPORT ORIGINAL

CUSTOMER	DATE	F.R.#	SERV. SUPV.
RICK'S EXPLORATION	4-18-98	140202	A. MILLER
LEASE & WELL NAME-OCSG	**LOCATION**		**COUNTY-PARISH-BLOCK**
HIBBERT 23A	SEC 23-T16S-42W		GREELEY, CO. KS.
DISTRICT	**DRILLING CONTRACTOR RIG#**		**TYPE OF JOB**
BRIGHTON CO.	MURFIN 25		SURF

SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE
TOP	WOODEN	
BTM		

MATERIALS FURNISHED BY BJ	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
20 BBL H20	8.34				20	20
195 SKS TYPE III + 2% CACL2	14.7	1.35	6.36	2.5	46.8	29.5
19 BBL DISP.						
85 SKS TYPE III + 2% CACL2	14.8	1.35	6.34		18	18
			TOTAL			

Available Mix Water _____ Bbl. Available Displ. Fluid _____ Bbl.

HOLE			TBG-CSG-D.P.				TBG-CSG-D.P.				COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	SIZE	WGT.	TYPE	DEPTH	SHOE	FLOAT	STAGE
12¼		348	8 5/8	24		347	—	—	—	—	347	305	1

LAST CASING				PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN		WELL FLUID	
SIZE	WGT.	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
—	—	—	—	—	—	—	—	8 5/8	8RD	MUD	9

CAL. DISPL. VOL.-Bbl.				CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		DISPL. FLUID		WATER SOURCE
TBG.	CSG.	CSG.	TOTAL	BUMP PLUG	TO REV.	SQ. PSI	RATED	OP.	RATED	OP.	TYPE	WGT.	
—	—	19.4	19.4	250	—	—	—	—	4600	3600	H20	8.34	RIG

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PROIR TO CEMENTING: _____

PRESSURE / RATE DETAIL

TIME HR:MIN.	PRESSURE-PSI PIPE	PRESSURE-PSI ANNULUS	RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	EXPLANATION
						SAFETY MEETING: BJ CREW ☐ CO. REP. ☐
						TEST LINES PSI
						CIRCULATING WELL-RIG ☐ BJ ☐
405	200	—	6	20	H20	PRE FLUSH
410	200	—	4.4	78	CMT	MIX SLURRY
426	250	—	6	19.4	H20	DISP.
430	500	—	—	—	—	PLUG DOWN
515	300	—	4	18	CMT	TOP OUT

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	Bbl. CMT RETURNS/ REVERSED	TOTAL Bbl. PUMPED	PSI LEFT ON CSG	SPOT TOP CEMENT	SERV. SUPV.
Y (N)	250	(Y) N	1		0	Surf	Allen Miller

BJ SERVICES COMPANY

INVOICE NO.	OUR RECEIPT NO.	DATE

		YOUR ORDER NO.

SERVICES FROM OUR STATION AT	OUR ENGINEER	SIGNED FOR YOU BY

FOR SERVICING WELL NAME	COUNTY	STATE

PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	LIST PRICE/UNIT	GROSS AMOUNT	PERCENT DISC.	NET AMOUNT

ORIGINAL

PAY THIS AMOUNT	4,994.32

BJS 1120

CEMENT JOB REPORT

CUSTOMER	DATE	F.R.#	SERV. SUPV.
Ricks Exploration	4/26/98	L051361	Klosterman
LEASE & WELL NAME-OCSG	**LOCATION**		**COUNTY ~~PARISH~~ BLOCK**
Hibbert 23 A	Sec 23 - 16S - 42W		Greeley
DISTRICT	**DRILLING CONTRACTOR RIG#**		**TYPE OF JOB**
Brighton	MurFin 25		P & A

SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE	PHYSICAL SLURRY PROPERTIES					
			SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
TOP	N/A	N/A						
BTM	N/A	N/A						
MATERIALS FURNISHED BY BJ								
255	"C" Neat		14.8	1.32	6.31		60	38
Available Mix Water N/A Bbl.		Available Displ. Fluid N/A Bbl.			TOTAL		60	38

ORIGINAL

HOLE			~~TBG-GOO~~ D.P.				TBG-CSG-D.P.				COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	SIZE	WGT.	TYPE	DEPTH	SHOE	FLOAT	STAGE
7 7/8	N/A	5196	4.5	16.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

LAST CASING				PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN		WELL FLUID	
SIZE	WGT.	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
8 5/8	24	N/A	347	N/A	N/A	N/A	N/A	4.5	XH	Mud	9.3

CAL. DISPL. VOL.-Bbl.				CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		DISPL. FLUID		WATER SOURCE
TBG.	CSG.	CSG.	TOTAL	BUMP PLUG	TO REV.	SQ. PSI	RATED	OP.	RATED	OP.	TYPE	WGT.	
											Mud	9.3	
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	H2O	8.34	rig

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PROIR TO CEMENTING:

PRESSURE / RATE DETAIL						EXPLANATION
TIME HR:MIN.	PRESSURE-PSI PIPE	PRESSURE-PSI ANNULUS	RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW ☒ CO. REP. ☐
						TEST LINES PSI
						CIRCULATING WELL-RIG ☒ BJ ☐
						1st Plug 2700' 50 SXS
1:40	200	N/A	3.5	N/A	N/A	Start H2O
1:43	200	N/A	3	10	H2O	Start cement
1:48	200	N/A	3	12	Cmt	Start H2O
1:50	200	N/A	5-2	3.4	H2O	Start Mud Displacement
1:57	0	N/A	N/A	30	Mud	Shut down / Lay down Drill Pipe
						2nd Plug 1800' 80 SXS
2:30	200	N/A	3.5	N/A	N/A	Start H2O
2:33	200	N/A	2-3	10	H2O	Start cement
2:41	100	N/A	3.5	19	Cmt	Start H2O
2:42	100	N/A	3-5	3.4	H2O	Start Mud Displacement
2:46	0	N/A	N/A	17	Mud	Shut down / Lay down Drill Pipe

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	Bbl. CMT RETURNS/ REVERSED	TOTAL Bbl. PUMPED	PSI LEFT ON CSG	SPOT TOP CEMENT	SERV. SUPV.
Y N	N/A	Y N	N/A	171	N/A	N/A	Charles Klosterman

SUPPLEMENTAL CEMENT JOB REPORT

ORIGINAL

Field Receipt # L 051361

PRESSURE/RATE DETAIL						
TIME HR: MIN.	PRESSURE-PSI PIPE	PRESSURE-PSI ANNULUS	RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	EXPLANATION
						3rd Plug 900' 40 SXS
3:25	0	N/A	3-4	N/A	N/A	Start H20
3:28	0	N/A	2	10	H20	Start Cement
3:32	0	N/A	2	9	Cmt	Start H20
3:33	0	N/A	3	2.8	H20	Start Mud Displacement
3:35	0	N/A	N/A	6	Mud	Shut down / Lay down Drill Pipe
						4th Plug 370' 50 SXS
3:50	0	N/A	4	N/A	N/A	Start H20
3:52	0	N/A	4	10	H20	Start cement
3:56	0	N/A	4	12	cmt	Start H20 Displacement
3:57	0	N/A	N/A	3	H20	Shut down / Lay down Drill Pipe
						5th Plug 40' 10 SXS
5:00	0	N/A	3	N/A	N/A	Start H20
5:02	0	N/A	3	5	H20	Start Cement
5:03	0	N/A		2	cmt	Start H20 Displacement
5:04	0	N/A	N/A	.5	H20	Shut down / Lay down Drill Pipe
5:30						25 SXS For Mouse & rat Hole

1553 (6/96)

BJ SERVICES COMPANY

INVOICE NO.	OUR RECEIPT NO.	DATE

		YOUR ORDER NO.

SERVICES FROM OUR STATION AT	OUR ENGINEER	SIGNED FOR YOU BY

FOR SERVICING WELL NAME	COUNTY	STATE

PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	LIST PRICE/UNIT	GROSS AMOUNT	PERCENT DISC.	NET AMOUNT

ORIGINAL

PAY THIS AMOUNT $5,651.73

BJS 1120

ORIGINAL

WELL NAME:	Hibbert #23 A
COMPANY:	Ricks Exploration, Inc.
LOCATION:	23-16S-42W
	Greeley County, Kansas
DATE:	4/29/98

15-071-20686

TRILOBITE TESTING L.L.C.

ORIGINAL

OPERATOR : Ricks Exploration — DATE 4-24-98
WELL NAME: Hibbert #23XA — KB 3797.00 ft — TICKET NO: 11246 — DST #1
LOCATION : 23-16S-42W Greeley KS. — GR 3787.00 ft — FORMATION: Morrow
INTERVAL : 4970.00 To 5073.00 ft — TD 5073.00 ft — TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4
PF 30	Rec.	13339	13339	3024		
SI 60	Range(Psi)	4025.0	4025.0	4995.0	0.0	0.0
SF 90	Clock(hrs)	12 HR	12 HR	ALP		
FS 120	Depth(ft)	5002.0	5002.0	4972.0	0.0	0.0

TIME DATA----------
PF Fr. 2305 to 2335 hr
IS Fr. 2335 to 0035 hr
SF Fr. 0035 to 0205 hr
FS Fr. 0205 to 0405 hr

	Field	1	2	3	4
A. Init Hydro	2403.0	2410.0	2385.0	0.0	0.0
B. First Flow	619.0	581.0	570.0	0.0	0.0
B1. Final Flow	919.0	933.0	977.0	0.0	0.0
C. In Shut-in	979.0	983.0	1005.0	0.0	0.0
D. Init Flow	979.0	983.0	1006.0	0.0	0.0
E. Final Flow	979.0	983.0	1007.0	0.0	0.0
F. Fl Shut-in	979.0	983.0	1008.0	0.0	0.0
G. Final Hydro	2353.0	2362.0	2339.0	0.0	0.0
Inside/Outside	O	O	I		

T STARTED 2037 hr
T ON BOTM 2333 hr
T OPEN 2335 hr
T PULLED 0405 hr
T OUT 0930 hr

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

Tool Wt.	2000.00 lbs
Wt Set On Packer	30000.00 lbs
Wt Pulled Loose	140000.00 lb
Initial Str Wt	92000.00 lbs
Unseated Str Wt	110000.00 lb
Bot Choke	0.75 in
Hole Size	8.88 in
D Col. ID	2.25 in
D. Pipe ID	3.80 in
D.C. Length	559.00 ft
D.P. Length	4409.00 ft

RECOVERY
Tot Fluid 2029.00 ft of 559.00 ft in DC and 1470.00 ft in DP
480.00 ft of Gassy mud cut water
0.00 ft of 40%gas trace oil 40% water 20% mud
540.00 ft of Gas oil water cut mud
0.00 ft of 48% gas 2% oil 20% water 30% mud
1009.00 ft of Gas oil mud cut water
0.00 ft of 55% gas 8% oil 23% water 10% mud
0.00 ft of
0.00 ft of RW .19 @ 65 deg =
SALINITY 44000.00 P.P.M. A.P.I. Gravity 0.00

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

Mud Type	Chemical
Weight	9.20 lb/
Vis.	60.00 S/L
W.L.	9.60 in3
F.C.	0.00 in
Mud Drop N	
Amt. of fill	6.00 ft
Btm. H. Temp.	134.00 F
Hole Condition	Fair
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out N	
Tool Chased Y	6.00 ft
Tester	Rod Steinbrink
Co. Rep.	Fred / Jeff
Contr.	Murfin
Rig #	25
Unit #	
Pump T.	

BLOW DESCRIPTION
Initial Flow:
Strong blow off bottom in 1 min
Initial Shut-in:
No return blow
Final Flow:
No blow back
Final Shut-in:
No return blow

SAMPLES:
SENT TO:

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

/ELL NAME: Hibbert #23XA

.OCATION : 23-16S-42W Greeley KS.

:ICKET No. 11246 D.S.T. No. 1 DATE 4-24-98

'OTAL TOOL TO BOTTOM OF TOP PACKERS 30

:NTERVAL TOOL 41

3OTTOM PACKERS AND ANCHOR .....

:OTAL TOOL 71

)RILL COLLAR ANCHOR IN INTERVAL .....

).C. ANCHOR STND.Stands Single Total

).P. ANCHOR STND.Stands Single 2 Total 62

TOTAL ASSEMBLY 133

).C. ABOVE TOOLS.Stands6 Single Total 559

).P. ABOVE TOOLS.Stands47 Single Total 4409

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5101

TOTAL DEPTH 5073

TOTAL DRILL PIPE ABOVE K.B. 28

REMARKS:
Sampler DATA;

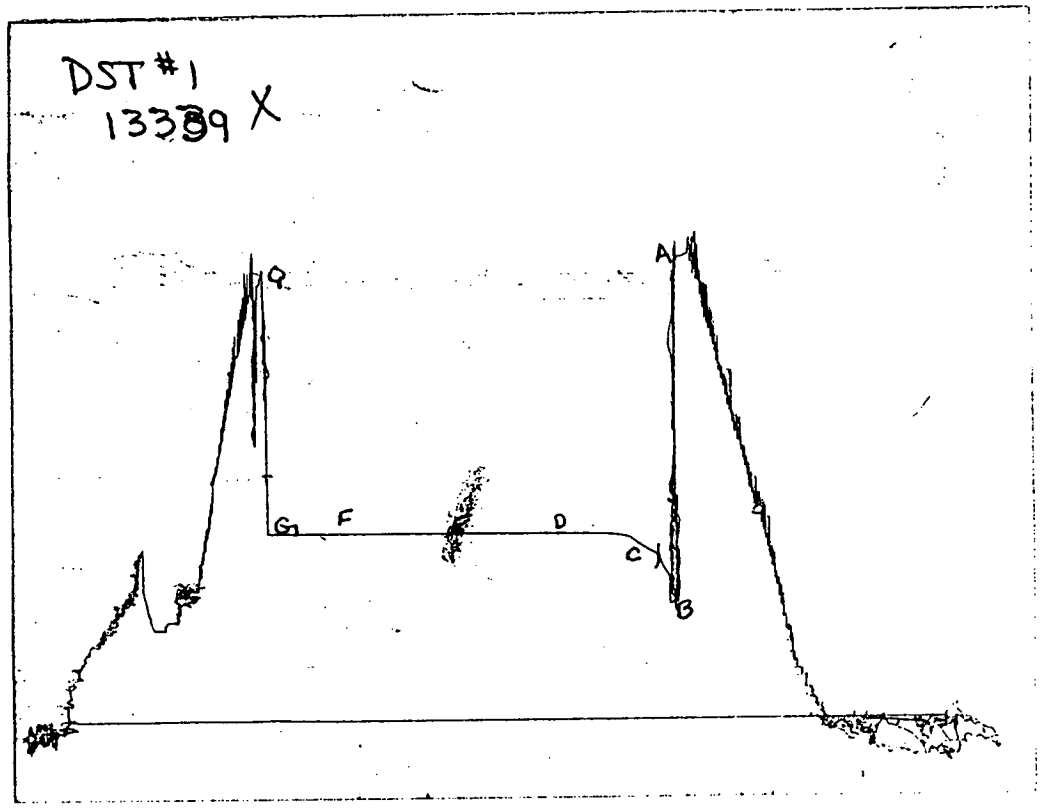
Gas; 2000 ml
Oil; 500 ml
Water; 1500 ml
Mud;

Total Volume; 4000 ml

Pressure; 350 psi

P.O. SUB 1' Above 90' DC	4850
C.O. SUB 1'	4940
S.I. TOOL 5'	4946
Sampler 3'	4949
HMV 5'	4954
JARS 5'	4959
SAFETY JOINT 2'	4961
PACKER 4'	4965
PACKER 5'	4970
DEPTH	
STUBB 1'	4971
ANCHOR	
ALP Rec. @	4972
AK-1 Rec. 13339 @	5002
33' Perf.	5004
1' c/o sub	5005
62' DP	5067
1' c/o sub	5068
T.C.	
DEPTH	
AK-1 Rec. 13276 @	5068
BULLNOSE 5'	
T.D.	5073

CHART PAGE



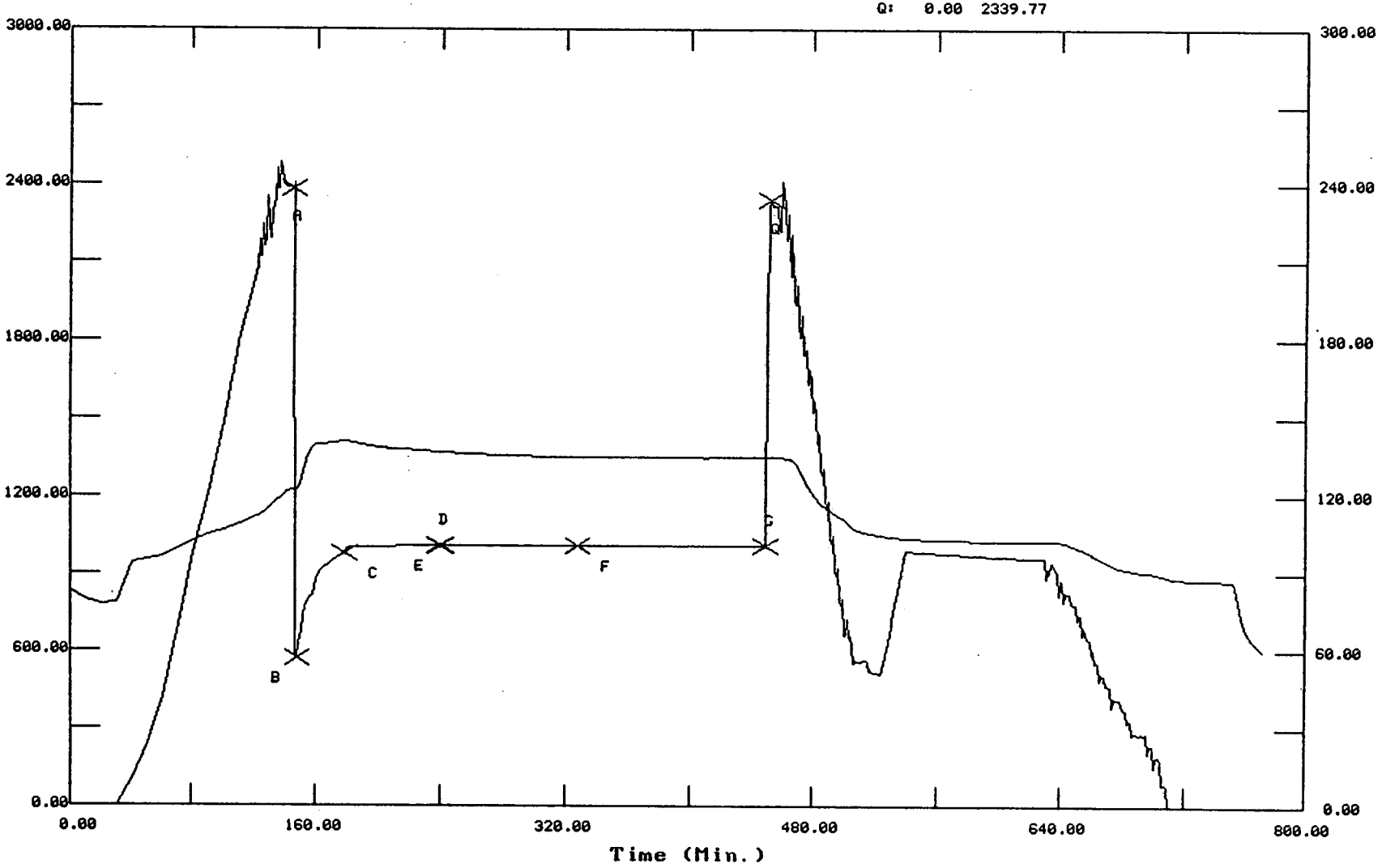
This is a photocopy of the actual AK-1 recorder chart

TEST HISTORY

11246 DST #1 Hibbert #23XA Ricks Exploration

Flag Points

	t(Min.)	P(PSIg)
A:	0.00	2385.39
B:	0.00	570.84
C:	30.00	977.81
D:	61.00	1005.95
E:	0.00	1006.01
F:	88.00	1007.82
G:	121.00	1008.67
Q:	0.00	2339.77



ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
TEST: 11246 DST #1 Hibbert #23XA Ricks Exploration
DATE: 04/24/98 TIME: 19:33:15

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
****** Initial Hydro.	145.00	2385.4	0.0	122.16		
****** Start Flow 1	0.00	570.8	0.0	122.57		
	1.00	628.5	57.7	123.31		
	2.00	646.0	75.2	124.74		
	3.00	684.7	113.9	126.86		
	4.00	728.5	157.7	129.28		
	5.00	770.5	199.7	131.58		
	6.00	784.5	213.7	133.59		
	7.00	797.3	226.5	135.25		
	8.00	811.1	240.2	136.61		
	9.00	807.2	236.3	137.71		
	10.00	814.2	243.4	138.57		
	11.00	846.4	275.5	139.29		
	12.00	875.2	304.4	139.62		
	13.00	893.3	322.4	139.67		
	14.00	903.4	332.6	139.63		
	15.00	910.5	339.7	139.67		
	16.00	916.5	345.6	139.74		
	17.00	922.1	351.3	139.82		
	18.00	926.9	356.1	139.91		
	19.00	931.2	360.4	140.01		
	20.00	936.1	365.2	140.10		
	21.00	941.4	370.5	140.21		
	22.00	946.2	375.4	140.31		
	23.00	951.2	380.3	140.40		
	24.00	955.7	384.8	140.49		
	25.00	960.0	389.2	140.55		
	26.00	964.0	393.1	140.62		
	27.00	967.8	396.9	140.68		
	28.00	971.2	400.4	140.73		
	29.00	974.7	403.9	140.76		
****** End Flow 1	30.00	977.8	407.0	140.78		
****** Start Shutin 1	0.00	977.8	0.0	140.78	0.0000	0.956
	1.00	995.9	18.1	140.79	31.0000	0.992
	2.00	997.7	19.9	140.78	16.0000	0.995
	3.00	998.6	20.8	140.73	11.0000	0.997
	4.00	999.2	21.4	140.64	8.5000	0.998
	5.00	999.6	21.8	140.53	7.0000	0.999
	6.00	1000.1	22.3	140.41	6.0000	1.000
	7.00	1000.4	22.6	140.27	5.2857	1.001
	8.00	1000.7	22.9	140.14	4.7500	1.001
	9.00	1000.9	23.1	140.01	4.3333	1.002
	10.00	1001.1	23.3	139.88	4.0000	1.002
	11.00	1001.3	23.5	139.74	3.7273	1.003
	12.00	1001.5	23.7	139.62	3.5000	1.003
	13.00	1001.7	23.9	139.50	3.3077	1.003
	14.00	1001.9	24.1	139.39	3.1429	1.004
	15.00	1002.0	24.2	139.27	3.0000	1.004
	16.00	1002.1	24.3	139.15	2.8750	1.004
	17.00	1002.3	24.5	139.06	2.7647	1.005
	18.00	1002.4	24.6	138.95	2.6667	1.005

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 11246 DST #1 Hibbert #23XA Ricks Exploration

DATE: 04/24/98 TIME: 19:33:15

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	19.00	1002.5	24.7	138.86	2.5789	1.005
	20.00	1002.6	24.8	138.76	2.5000	1.005
	21.00	1002.7	24.9	138.66	2.4286	1.005
	22.00	1002.8	25.0	138.58	2.3636	1.006
	23.00	1002.9	25.1	138.50	2.3043	1.006
	24.00	1003.0	25.2	138.43	2.2500	1.006
	25.00	1003.1	25.3	138.36	2.2000	1.006
	26.00	1003.2	25.4	138.30	2.1538	1.006
	27.00	1003.3	25.5	138.25	2.1111	1.007
	28.00	1003.4	25.6	138.22	2.0714	1.007
	29.00	1003.5	25.7	138.20	2.0345	1.007
	30.00	1003.6	25.8	138.17	2.0000	1.007
	31.00	1003.7	25.9	138.14	1.9677	1.008
	32.00	1003.8	26.0	138.12	1.9375	1.008
	33.00	1003.9	26.1	138.08	1.9091	1.008
	34.00	1004.0	26.2	138.05	1.8824	1.008
	35.00	1004.1	26.3	138.01	1.8571	1.008
	36.00	1004.2	26.4	137.97	1.8333	1.008
	37.00	1004.3	26.5	137.94	1.8108	1.009
	38.00	1004.3	26.5	137.90	1.7895	1.009
	39.00	1004.4	26.6	137.85	1.7692	1.009
	40.00	1004.5	26.7	137.80	1.7500	1.009
	41.00	1004.6	26.8	137.77	1.7317	1.009
	42.00	1004.7	26.8	137.72	1.7143	1.009
	43.00	1004.8	26.9	137.66	1.6977	1.010
	44.00	1004.8	27.0	137.61	1.6818	1.010
	45.00	1004.9	27.1	137.56	1.6667	1.010
	46.00	1005.0	27.2	137.51	1.6522	1.010
	47.00	1005.1	27.3	137.47	1.6383	1.010
	48.00	1005.2	27.4	137.42	1.6250	1.010
	49.00	1005.3	27.5	137.38	1.6122	1.011
	50.00	1005.3	27.5	137.32	1.6000	1.011
	51.00	1005.4	27.6	137.28	1.5882	1.011
	52.00	1005.5	27.7	137.22	1.5769	1.011
	53.00	1005.5	27.7	137.18	1.5660	1.011
	54.00	1005.6	27.8	137.13	1.5556	1.011
	55.00	1005.7	27.8	137.09	1.5455	1.011
	56.00	1005.7	27.9	137.04	1.5357	1.011
	57.00	1005.8	27.9	136.99	1.5263	1.012
	58.00	1005.8	28.0	136.94	1.5172	1.012
	59.00	1005.9	28.0	136.91	1.5085	1.012
	60.00	1005.9	28.1	136.88	1.5000	1.012
****** End Shut-in 1	61.00	1006.0	28.1	136.82	1.4918	1.012
****** Start Flow 2	0.00	1006.0	0.0	136.77		
	1.00	1006.1	0.1	136.74		
	2.00	1006.1	0.1	136.70		
	3.00	1006.2	0.2	136.66		
	4.00	1006.2	0.2	136.62		
	5.00	1006.3	0.2	136.58		
	6.00	1006.3	0.3	136.54		
	7.00	1006.3	0.3	136.50		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
TEST: 11246 DST #1 Hibbert #23XA Ricks Exploration
DATE: 04/24/98 TIME: 19:33:15

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
8.00	1006.4	0.3	136.46		
9.00	1006.4	0.4	136.42		
10.00	1006.4	0.4	136.38		
11.00	1006.5	0.4	136.36		
12.00	1006.5	0.5	136.31		
13.00	1006.6	0.5	136.28		
14.00	1006.6	0.5	136.26		
15.00	1006.6	0.5	136.22		
16.00	1006.6	0.6	136.19		
17.00	1006.6	0.6	136.16		
18.00	1006.7	0.7	136.15		
19.00	1006.7	0.7	136.10		
20.00	1006.7	0.7	136.07		
21.00	1006.8	0.7	136.04		
22.00	1006.8	0.8	136.02		
23.00	1006.8	0.8	135.99		
24.00	1006.8	0.8	135.95		
25.00	1006.8	0.8	135.93		
26.00	1006.9	0.9	135.91		
27.00	1006.9	0.9	135.88		
28.00	1006.9	0.9	135.84		
29.00	1006.9	0.9	135.82		
30.00	1007.0	0.9	135.80		
31.00	1007.0	1	135.77		
32.00	1007.0	1.0	135.75		
33.00	1007.0	1.0	135.73		
34.00	1007.1	1.0	135.70		
35.00	1007.1	1.1	135.68		
36.00	1007.1	1.1	135.66		
37.00	1007.1	1.1	135.64		
38.00	1007.1	1.1	135.63		
39.00	1007.1	1.1	135.61		
40.00	1007.2	1.1	135.57		
41.00	1007.2	1.2	135.55		
42.00	1007.2	1.2	135.54		
43.00	1007.2	1.2	135.52		
44.00	1007.2	1.2	135.49		
45.00	1007.3	1.2	135.47		
46.00	1007.3	1.3	135.46		
47.00	1007.3	1.3	135.43		
48.00	1007.3	1.3	135.41		
49.00	1007.3	1.3	135.39		
50.00	1007.3	1.3	135.38		
51.00	1007.4	1.4	135.35		
52.00	1007.4	1.3	135.34		
53.00	1007.4	1.3	135.32		
54.00	1007.4	1.4	135.31		
55.00	1007.4	1.4	135.29		
56.00	1007.4	1.4	135.28		
57.00	1007.4	1.4	135.26		
58.00	1007.5	1.5	135.25		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
TEST: 11246 DST #1 Hibbert #23XA Ricks Exploration
DATE: 04/24/98 TIME: 19:33:15

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	59.00	1007.4	1.4	135.23		
	60.00	1007.5	1.4	135.22		
	61.00	1007.5	1.5	135.21		
	62.00	1007.5	1.5	135.19		
	63.00	1007.5	1.5	135.18		
	64.00	1007.5	1.5	135.17		
	65.00	1007.6	1.6	135.15		
	66.00	1007.6	1.6	135.14		
	67.00	1007.6	1.6	135.13		
	68.00	1007.6	1.6	135.11		
	69.00	1007.6	1.6	135.10		
	70.00	1007.7	1.6	135.10		
	71.00	1007.7	1.6	135.09		
	72.00	1007.7	1.6	135.07		
	73.00	1007.7	1.7	135.05		
	74.00	1007.7	1.7	135.04		
	75.00	1007.7	1.7	135.03		
	76.00	1007.7	1.7	135.03		
	77.00	1007.7	1.7	135.01		
	78.00	1007.7	1.7	135.00		
	79.00	1007.7	1.7	134.99		
	80.00	1007.7	1.7	134.99		
	81.00	1007.8	1.7	134.97		
	82.00	1007.8	1.7	134.97		
	83.00	1007.8	1.8	134.95		
	84.00	1007.8	1.8	134.95		
	85.00	1007.8	1.8	134.93		
	86.00	1007.8	1.8	134.93		
	87.00	1007.8	1.8	134.93		
****** End Flow 2	88.00	1007.8	1.8	134.91		
****** Start Shutin 2	0.00	1007.8	0.0	134.91	0.0000	1.016
	1.00	1007.9	0.0	134.89	119.0000	1.016
	2.00	1007.9	0.1	134.89	60.0000	1.016
	3.00	1007.9	0.1	134.89	40.3333	1.016
	4.00	1007.9	0.1	134.88	30.5000	1.016
	5.00	1007.9	0.1	134.88	24.6000	1.016
	6.00	1007.9	0.1	134.86	20.6667	1.016
	7.00	1007.9	0.1	134.86	17.8571	1.016
	8.00	1007.9	0.1	134.85	15.7500	1.016
	9.00	1007.9	0.1	134.84	14.1111	1.016
	10.00	1008.0	0.1	134.85	12.8000	1.016
	11.00	1008.0	0.1	134.83	11.7273	1.016
	12.00	1008.0	0.2	134.83	10.8333	1.016
	13.00	1008.0	0.2	134.82	10.0769	1.016
	14.00	1008.0	0.2	134.82	9.4286	1.016
	15.00	1008.0	0.2	134.81	8.8667	1.016
	16.00	1008.0	0.2	134.81	8.3750	1.016
	17.00	1008.0	0.2	134.80	7.9412	1.016
	18.00	1008.0	0.2	134.79	7.5556	1.016
	19.00	1008.0	0.2	134.79	7.2105	1.016
	20.00	1008.0	0.2	134.78	6.9000	1.016

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
TEST: 11246 DST #1 Hibbert #23XA Ricks Exploration
DATE: 04/24/98 TIME: 19:33:15

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
21.00	1008.1	0.3	134.78	6.6190	1.016
22.00	1008.1	0.2	134.78	6.3636	1.016
23.00	1008.1	0.3	134.77	6.1304	1.016
24.00	1008.1	0.3	134.77	5.9167	1.016
25.00	1008.1	0.3	134.76	5.7200	1.016
26.00	1008.1	0.3	134.74	5.5385	1.016
27.00	1008.1	0.3	134.75	5.3704	1.016
28.00	1008.1	0.3	134.74	5.2143	1.016
29.00	1008.1	0.3	134.73	5.0690	1.016
30.00	1008.1	0.3	134.73	4.9333	1.016
31.00	1008.1	0.3	134.73	4.8065	1.016
32.00	1008.1	0.3	134.73	4.6875	1.016
33.00	1008.2	0.3	134.73	4.5758	1.016
34.00	1008.2	0.4	134.73	4.4706	1.016
35.00	1008.2	0.4	134.72	4.3714	1.016
36.00	1008.2	0.4	134.72	4.2778	1.016
37.00	1008.2	0.4	134.71	4.1892	1.016
38.00	1008.2	0.4	134.71	4.1053	1.016
39.00	1008.2	0.4	134.71	4.0256	1.016
40.00	1008.2	0.4	134.71	3.9500	1.016
41.00	1008.2	0.4	134.71	3.8780	1.016
42.00	1008.2	0.4	134.70	3.8095	1.016
43.00	1008.2	0.4	134.70	3.7442	1.017
44.00	1008.2	0.4	134.69	3.6818	1.017
45.00	1008.2	0.4	134.69	3.6222	1.017
46.00	1008.2	0.4	134.69	3.5652	1.017
47.00	1008.3	0.4	134.69	3.5106	1.017
48.00	1008.3	0.4	134.68	3.4583	1.017
49.00	1008.3	0.4	134.68	3.4082	1.017
50.00	1008.3	0.4	134.69	3.3600	1.017
51.00	1008.3	0.5	134.68	3.3137	1.017
52.00	1008.3	0.5	134.67	3.2692	1.017
53.00	1008.3	0.5	134.69	3.2264	1.017
54.00	1008.3	0.5	134.68	3.1852	1.017
55.00	1008.3	0.5	134.67	3.1455	1.017
56.00	1008.3	0.5	134.68	3.1071	1.017
57.00	1008.3	0.5	134.68	3.0702	1.017
58.00	1008.3	0.5	134.67	3.0345	1.017
59.00	1008.3	0.5	134.67	3.0000	1.017
60.00	1008.3	0.5	134.67	2.9667	1.017
61.00	1008.3	0.5	134.67	2.9344	1.017
62.00	1008.4	0.5	134.66	2.9032	1.017
63.00	1008.4	0.5	134.66	2.8730	1.017
64.00	1008.4	0.5	134.66	2.8438	1.017
65.00	1008.4	0.5	134.65	2.8154	1.017
66.00	1008.4	0.5	134.66	2.7879	1.017
67.00	1008.4	0.6	134.65	2.7612	1.017
68.00	1008.4	0.6	134.65	2.7353	1.017
69.00	1008.4	0.6	134.65	2.7101	1.017
70.00	1008.4	0.6	134.66	2.6857	1.017
71.00	1008.4	0.6	134.65	2.6620	1.017

ORIGINAL

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 11246 DST #1 Hibbert #23XA Ricks Exploration

DATE: 04/24/98 TIME: 19:33:15

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	72.00	1008.4	0.6	134.65	2.6389	1.017
	73.00	1008.4	0.6	134.65	2.6164	1.017
	74.00	1008.4	0.6	134.65	2.5946	1.017
	75.00	1008.4	0.6	134.65	2.5733	1.017
	76.00	1008.4	0.6	134.66	2.5526	1.017
	77.00	1008.4	0.6	134.65	2.5325	1.017
	78.00	1008.4	0.6	134.64	2.5128	1.017
	79.00	1008.5	0.7	134.65	2.4937	1.017
	80.00	1008.5	0.7	134.65	2.4750	1.017
	81.00	1008.5	0.6	134.64	2.4568	1.017
	82.00	1008.5	0.7	134.64	2.4390	1.017
	83.00	1008.5	0.7	134.64	2.4217	1.017
	84.00	1008.5	0.7	134.63	2.4048	1.017
	85.00	1008.5	0.7	134.64	2.3882	1.017
	86.00	1008.5	0.7	134.65	2.3721	1.017
	87.00	1008.5	0.7	134.64	2.3563	1.017
	88.00	1008.5	0.7	134.65	2.3409	1.017
	89.00	1008.5	0.7	134.64	2.3258	1.017
	90.00	1008.5	0.7	134.65	2.3111	1.017
	91.00	1008.5	0.7	134.64	2.2967	1.017
	92.00	1008.5	0.7	134.64	2.2826	1.017
	93.00	1008.5	0.7	134.65	2.2688	1.017
	94.00	1008.6	0.7	134.65	2.2553	1.017
	95.00	1008.5	0.7	134.65	2.2421	1.017
	96.00	1008.6	0.8	134.65	2.2292	1.017
	97.00	1008.6	0.8	134.65	2.2165	1.017
	98.00	1008.6	0.8	134.64	2.2041	1.017
	99.00	1008.6	0.8	134.65	2.1919	1.017
	100.00	1008.6	0.8	134.64	2.1800	1.017
	101.00	1008.6	0.7	134.65	2.1683	1.017
	102.00	1008.6	0.7	134.65	2.1569	1.017
	103.00	1008.6	0.8	134.66	2.1456	1.017
	104.00	1008.6	0.8	134.66	2.1346	1.017
	105.00	1008.6	0.8	134.66	2.1238	1.017
	106.00	1008.6	0.8	134.66	2.1132	1.017
	107.00	1008.6	0.8	134.65	2.1028	1.017
	108.00	1008.6	0.8	134.66	2.0926	1.017
	109.00	1008.6	0.8	134.66	2.0826	1.017
	110.00	1008.6	0.8	134.66	2.0727	1.017
	111.00	1008.6	0.8	134.67	2.0631	1.017
	112.00	1008.6	0.8	134.67	2.0536	1.017
	113.00	1008.6	0.8	134.67	2.0442	1.017
	114.00	1008.6	0.8	134.66	2.0351	1.017
	115.00	1008.6	0.8	134.68	2.0261	1.017
	116.00	1008.6	0.8	134.67	2.0172	1.017
	117.00	1008.7	0.8	134.67	2.0085	1.017
	118.00	1008.7	0.8	134.67	2.0000	1.017
	119.00	1008.7	0.8	134.68	1.9916	1.017
	120.00	1008.7	0.9	134.68	1.9833	1.017
****** End Shut-in 2	121.00	1008.7	0.9	134.68	1.9752	1.017

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 11246 DST #1 Hibbert #23XA Ricks Exploration

DATE: 04/24/98 TIME: 19:33:15

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
****** Final Hydro.	452.00	2339.8	0.0	134.72		

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 11246 Date 4.24.98

Company Name Ricks Exploration Cont Murfin #25

Lease Hibbert #23XA Test No. #1 Morrow

County Greeley KS Sec. 23 Twp. 16S Rng. 42W

SAMPLER RECOVERY

Gas 2,000 ML

Oil 500 ML

Mud ML

Water 1500 ML

Other ML

Pressure 350 PSI

Total 4,000 ML

PIT MUD ANALYSIS

Chlorides 3,100 ppm.

Resistivity ohms @ F

Viscosity 60

Mud Weight 9.2

Filtrate 9.6

Other LCM Trc.

SAMPLER ANALYSIS

Resistivity .19 ohms @ 65 F

Chlorides 44,000 ppm.

Gravity corrected @ 60 F

PIPE RECOVERY

TOP
Resistivity ohms @ F

Chlorides ppm.

MIDDLE
Resistivity .20 ohms @ 65 F

Chlorides 40,000 ppm.

BOTTOM
Resistivity .19 ohms @ 65 F

Chlorides 44.000 ppm.

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

No 11246

Test Ticket

Well Name & No. Hibbert #23-A Test No. 1 Date 4.24.98

Company Ricks Exploration Inc. Zone Tested Morrow

Address Elevation 3797 KB 3787 GL

Co. Rep / Geo. Fred / Jeff N. Cont. Murfin #25 Est. Ft. of Pay ____ Por. ____ %

Location: Sec. 23 Twp. 16S Rge. 42W Co. Greeley State KS.

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

Interval Tested 4970 - 5073 Initial Str Wt./Lbs. 92,000 Unseated Str Wt./Lbs. 110,000

Anchor Length 103' Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 140,000

Top Packer Depth 4965 Tool Weight 2,000

Bottom Packer Depth 4970 Hole Size — 7 7/8" ____ Rubber Size — 6 3/4" ____

Total Depth 5073 Wt. Pipe Run ____ Drill Collar Run 4" H-90 (6) 5

Mud Wt. 9.2 LCM Trc. Vis. 60 WL 9.6 Drill Pipe Size 4½" XH Ft. Run 4409' (47)

Blow Description IF: Strong blow off bttm in 1min. (Tool slid 6')

ISI: No return blow

FF: No blow back.

FSI: No return blow

ORIGINAL

Recovery — Total Feet 2029' GIP ____ Ft. in DC 559' Ft. in DP 1470'

Rec. 480' Feet Of GMCW 40 %gas trc %oil 40 %water 20 %mud

Rec. ____ Feet Of ____ %gas %oil %water %mud

Rec. 540' Feet Of GOWCM 48 %gas 2 %oil 20 %water 30 %mud

Rec. ____ Feet Of ____ %gas %oil %water %mud

Rec. 1009' Feet Of GOMCW 55 %gas 8 %oil 23 %water 10 %mud

BHT 134° °F Gravity ____ °API D@ ____ °F Corrected Gravity ____ °API

RW .19 @ 65° °F Chlorides 44,000 ppm Recovery Chlorides 2,100 ppm System

(A) Initial Hydrostatic Mud	2403	2385 PSI	Recorder No.	3024	T-Started 2037 (C
(B) First Initial Flow Pressure	619	570 PSI	(depth)	4972	T-Open 2305
(C) First Final Flow Pressure	919	977 PSI	Recorder No.	13339	T-Pulled 0405
(D) Initial Shut-in Pressure	979	1005 PSI	(depth)	5002	T-Out 0930
(E) Second Initial Flow Pressure	979	1006 PSI	Recorder No.	13276	
(F) Second Final Flow Pressure	979	1007 PSI	(depth)	5068'	
(G) Final Shut-in Pressure	979	1008 PSI	Initial Opening	30	Test ____
(H) Final Hydrostatic Mud	2353	2339 PSI	Initial Shut-in	60	Jars X
			Final Flow	90	Safety Joint X
AK-1 Mech.	Alp. Elec.		Final Shut-in	120	Straddle ____
			on loc.	1900	Circ. Sub X N/C
			off loc.	1115	Sampler X
					Extra Packer ____
					Elect. Rec. X
					Other X Standby
					TOTAL PRICE $ ____

Approved By Steve Ryan