

ORIGINAL

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

API NO. 15- 007-22475 0000

County Barber County, Kansas

C-N/2-NW Sec. 22 Twp. 34S Rge. 15 XX ^E _W

Operator: License # 30972

660 Feet from S (circle one) Line of Section

Name: Petroglyph Operating Co., Inc.

1320 Feet from E (circle one) Line of Section

Address P.O. Box 1839

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

CONFIDENTIAL

City/State/Zip Hutchinson, KS 67504-1839

Lease Name Davis Ranch Well # 3-22

Purchaser: N/A

Well Name Davis Ranch

Operator Contact Person: Duane Purser

Producing Formation None

Phone (316) 665-8500

Electrical Position: Ground 1607 KB 1588

Contractor: Name: Duke Drilling Co., Inc.

Total Depth 5150 PBTD

License: 5929

Amount of Surface Pipe Set and Cemented at 804 Feet

Wellsite Geologist: Tom Williams

Multiple Stage Cementing Collar Used? Yes No

Designate Type of Completion

If yes, show depth set _____ Feet

New Well Re-Entry Workover

If Alternate II completion, cement circulated from _____

Oil SWD S10W Temp. Abd.

feet depth to _____ w/ _____ sx cmt.

Gas ENHR SIGW

Drilling Fluid Management Plan D&A 9-1/4 5-1-96
(Data must be collected from the Reserve Pit)

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

If Workover:

Chloride content _____ ppm Fluid volume _____ bbls

Operator: _____

Dewatering method used _____

Well Name: _____

Location of fluid disposal if hauled offsite: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Operator Name RELEASED

Plug Back _____ PBTD

Lease Name _____ License No. _____

Commingled _____ Docket No. _____

Quarter 1/4 Sec. _____ Twp. _____ S Rng. _____ E/W

Dual Completion _____ Docket No. _____

County FROM CONFIDENTIAL Docket No. _____

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

06-07-95 06-17-95 06-18-95

Spud Date Date Reached TD Completion Date

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 Duane Purser

Title Manager of Operations Date 6-28-95

Subscribed and sworn to before me this 28th day of June, 1995.

Notary Public Angela R. Ely

Date Commission Expires April 4, 1999

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input checked="" type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
		<input type="checkbox"/> NGPA
		<input type="checkbox"/> Other
		(Specify)

NOTARY PUBLIC - State of Kansas
ANGELA R. ELY
My Appt. Exp. 4-4-99

Form ACO-1 (7-91)

RECEIVED JUN 23 1995

ORIGINAL
Operator Name Petroglyph Operating Co., Inc.

SIDE TWO

Lease Name Davis Ranch

Well # 3-22

Sec. 22 Twp. 34 Rge. 15

East
 West

County Barber County, Kansas

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 Yes No
(Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy.)

List All E.Logs Run:

Log Formation (Top), Depth and Datum	Sample	
	Name	Datum
Chase	2094	-493
Heebner	3945	-2344
BKC	4635	-3034

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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	12 1/4"	8-5/8"	23#	804'	60/40 Poz	430	3%cc 2%gel

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
Estimated Production Per 24 Hours	Oil <u>N/A</u> Bbls.	Gas <u>N/A</u> Mcf	Water <u>N/A</u> Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled

Production Interval Other (Specify) _____

260002 to 26012 - OUSTING YRATOR
Y13 BA. 1000A

CONFIDENTIAL

ORIGINAL

DRILL-STEM TEST DATA

Well Name: DAVIS RANCH #3-~~1~~²
Company : PETROGLYPH OPERATING CO
Location - Sec: 22 Twp: 34S Rge: 15W
County: BARBER State: KS
Date: 06/15/95

15-007-22475

JUN 22
CONFIDENTIAL

RELEASED
JUL 31 1997
FROM CONFIDENTIAL

TRILOBITE TESTING L.L.C.

OPERATOR : Petroglyph Operating Co
 WELL NAME: Davis Ranch #3-32
 LOCATION : 22 34s 15w
 INTERVAL : 4743.00 To 4793.00 ft

DATE 6-15-95

KB 1600.00 ft TICKET NO: 7910 DST #1
 GR 1588.00 ft FORMATION: Mississippian
 TD 4793.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	10994	10994	2346			PF Fr. 30 to hr
SI 60	Range(Psi)	4200.0	4200.0	4995.0	0.0	0.0	IS Fr. to 1 hr
SF 75	Clock(hrs)	22348	22348				SF Fr. to 1.25 hr
FS 150	Depth(ft)	4791.0	4791.0	4781.0	0.0	0.0	FS Fr. to 1.5 hr

	Field	1	2	3	4	
A. Init Hydro	2194.0	2190.0	2197.0	0.0	0.0	T STARTED 1330 hr
B. First Flow	11.0	18.0	36.0	0.0	0.0	T ON BOTM 1528 hr
B1. Final Flow	11.0	18.0	37.0	0.0	0.0	T OPEN 1530 hr
C. In Shut-in	138.0	136.0	185.0	0.0	0.0	T PULLED 2045 hr
D. Init Flow	32.0	30.0	34.0	0.0	0.0	T OUT 2242 hr
E. Final Flow	32.0	30.0	39.0	0.0	0.0	
F. Fl Shut-in	223.0	232.0	250.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2173.0	2162.0	2164.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 84000.00 lbs
						Initial Str Wt 72000.00 lbs
						Unseated Str Wt 72000.00 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 179.00 ft
						D.P. Length 4727.00 ft

RECOVERY

Tot Fluid 20.00 ft of 20.00 ft in DC and 0.00 ft in DP
 400.00 ft of gas in pipe
 20.00 ft of slightly gassy 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

SALINITY 2000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Blow -
 1/2" blow building to 3"
 Final Blow -
 4" blow building to 8"

SAMPLES:
 SENT TO:

MUD DATA-----

Mud Type chemical
 Weight 8.60 lb/c
 Vis. 58.00 S/L
 W.L. 6.40 in3
 F.C. 0.00 in
 Mud Drop
 Amt. of fill 0.00 ft
 Btm. H. Temp. 125.00 F
 Hole Condition good
 % Porosity 0.00
 Packer Size 6.75 in
 No. of Packers 2
 Cushion Amt. 0.00
 Cushion Type
 Reversed Out
 Tool Chased
 Tester Paul Simpson
 Co. Rep. Larry N. Tom W.
 Contr. Duke
 Rig # 5
 Unit #
 Pump T.

Test Successful:

TEST HISTORY

7910 #3-22 Davis Ranch Petroglyph Oper. DST #1

Flag Points
t(Min.) P(PSig)

R:	0.00	2197.47
B:	0.00	35.74
C:	32.00	37.26
D:	58.00	184.80
E:	0.00	33.56
F:	75.00	38.93
G:	149.00	249.68
Q:	0.00	2164.49

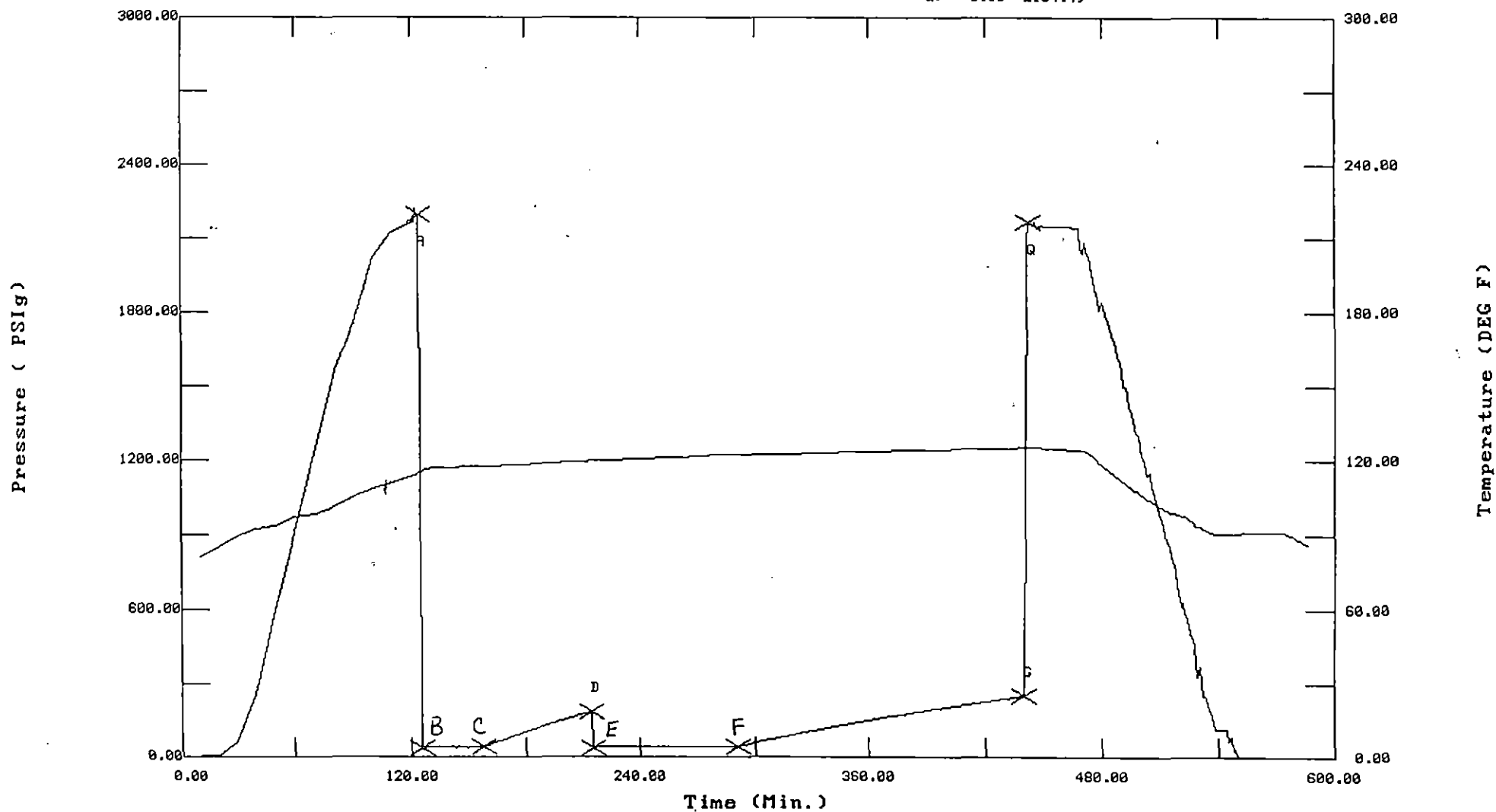
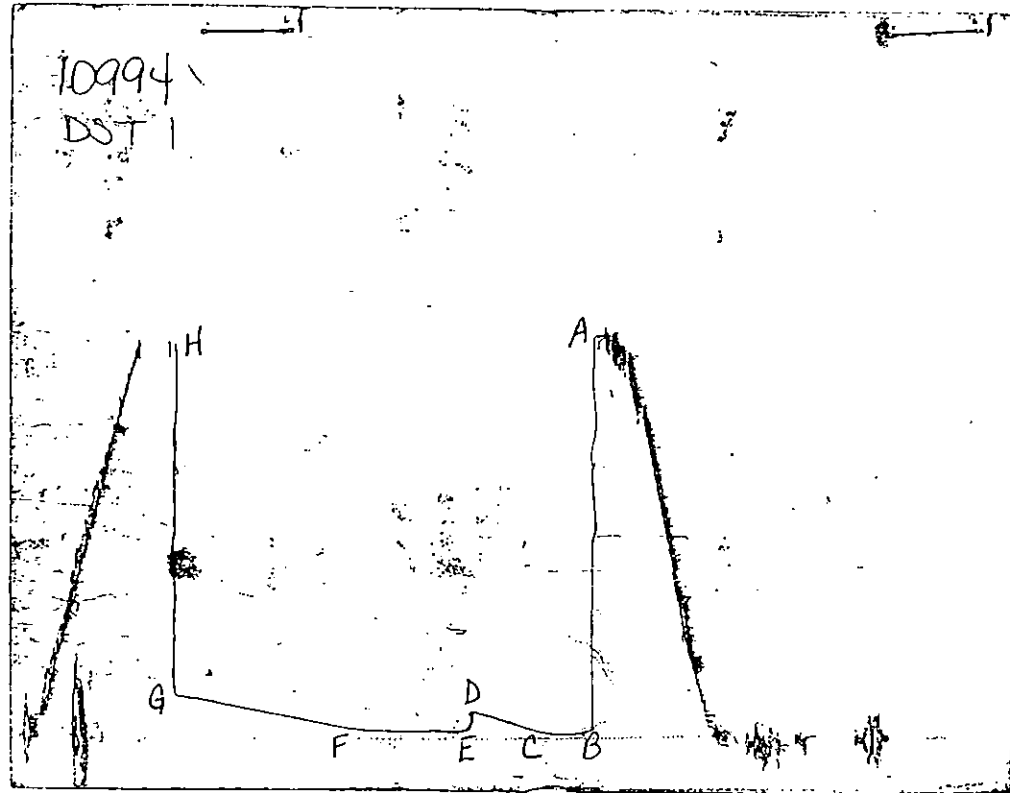


CHART PAGE



This is an actual photograph of an AK1 recorder chart

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 7910 #3-22 Davis Ranch Petroglyph Oper. DST #1

DATE: 06/15/95 TIME: 13:24:47

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	124.00	2197.5	0.0	114.97		
***** Start Flow 1	0.00	35.7	0.0	115.37		
	1.00	39.9	4.2	115.79		
	2.00	35.5	-0.3	116.10		
	3.00	38.1	2.3	116.33		
	4.00	38.7	2.9	116.51		
	5.00	39.4	3.6	116.65		
	6.00	38.3	2.5	116.76		
	7.00	39.4	3.6	116.84		
	8.00	39.2	3.4	116.92		
	9.00	38.8	3.1	116.97		
	10.00	40.0	4.3	117.01		
	11.00	39.8	4.0	117.04		
	12.00	39.2	3.4	117.08		
	13.00	38.5	2.8	117.10		
	14.00	38.2	2.4	117.12		
	15.00	38.1	2.3	117.14		
	16.00	37.3	1.6	117.16		
	17.00	37.3	1.5	117.18		
	18.00	36.3	0.6	117.19		
	19.00	40.2	4.4	117.22		
	20.00	39.4	3.6	117.23		
	21.00	38.1	2.3	117.25		
	22.00	37.6	1.8	117.28		
	23.00	37.1	1.3	117.28		
	24.00	36.5	0.8	117.31		
	25.00	37.6	1.8	117.33		
	26.00	38.8	3.0	117.35		
	27.00	39.9	4.2	117.37		
	28.00	39.5	3.8	117.40		
	29.00	39.0	3.3	117.43		
	30.00	38.4	2.7	117.45		
	31.00	38.1	2.3	117.47		
***** End Flow 1	32.00	37.3	1.5	117.50		
***** Start Shutin 1	0.00	37.3	0.0	117.50	0.0000	0.001
	1.00	40.6	3.4	117.53	33.0000	0.002
	2.00	43.5	6.2	117.56	17.0000	0.002
	3.00	46.4	9.1	117.60	11.6667	0.002
	4.00	49.3	12.1	117.63	9.0000	0.002
	5.00	52.3	15.0	117.66	7.4000	0.003
	6.00	55.1	17.9	117.68	6.3333	0.003
	7.00	58.0	20.7	117.71	5.5714	0.003
	8.00	60.8	23.5	117.74	5.0000	0.004
	9.00	63.4	26.2	117.78	4.5556	0.004
	10.00	66.2	29.0	117.82	4.2000	0.004
	11.00	69.1	31.8	117.85	3.9091	0.005
	12.00	71.7	34.4	117.90	3.6667	0.005
	13.00	74.4	37.2	117.93	3.4615	0.006
	14.00	77.3	40.0	117.98	3.2857	0.006
	15.00	80.0	42.7	118.04	3.1333	0.006
	16.00	82.7	45.4	118.05	3.0000	0.007

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Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
17.00	85.1	47.8	118.05	2.8824	0.007
18.00	87.5	50.3	118.09	2.7778	0.008
19.00	90.5	53.3	118.14	2.6842	0.008
20.00	93.2	55.9	118.18	2.6000	0.009
21.00	95.8	58.6	118.22	2.5238	0.009
22.00	98.5	61.3	118.27	2.4545	0.01
23.00	101.1	63.9	118.31	2.3913	0.010
24.00	103.7	66.5	118.33	2.3333	0.011
25.00	106.3	69.1	118.37	2.2800	0.011
26.00	108.9	71.7	118.42	2.2308	0.012
27.00	111.5	74.3	118.46	2.1852	0.012
28.00	114.0	76.8	118.51	2.1429	0.013
29.00	116.5	79.2	118.54	2.1034	0.014
30.00	119.1	81.8	118.57	2.0667	0.014
31.00	121.5	84.3	118.61	2.0323	0.015
32.00	124.0	86.8	118.65	2.0000	0.015
33.00	126.6	89.3	118.69	1.9697	0.016
34.00	129.0	91.7	118.73	1.9412	0.017
35.00	131.4	94.2	118.77	1.9143	0.017
36.00	133.9	96.6	118.81	1.8889	0.018
37.00	136.1	98.9	118.85	1.8649	0.019
38.00	138.6	101.3	118.89	1.8421	0.019
39.00	141.0	103.7	118.93	1.8205	0.020
40.00	143.3	106.1	118.98	1.8000	0.021
41.00	145.7	108.4	119.00	1.7805	0.021
42.00	148.0	110.7	119.04	1.7619	0.022
43.00	150.4	113.1	119.08	1.7442	0.023
44.00	152.7	115.5	119.12	1.7273	0.023
45.00	155.2	117.9	119.16	1.7111	0.024
46.00	157.5	120.3	119.21	1.6957	0.025
47.00	159.9	122.6	119.25	1.6809	0.026
48.00	162.2	125.0	119.29	1.6667	0.026
49.00	164.5	127.2	119.32	1.6531	0.027
50.00	166.8	129.5	119.36	1.6400	0.028
51.00	168.9	131.7	119.40	1.6275	0.029
52.00	171.3	134.0	119.45	1.6154	0.029
53.00	173.6	136.4	119.49	1.6038	0.030
54.00	175.9	138.6	119.52	1.5926	0.031
55.00	178.1	140.8	119.56	1.5818	0.032
56.00	180.3	143.0	119.59	1.5714	0.032
57.00	182.5	145.3	119.64	1.5614	0.033
58.00	184.8	147.5	119.66	1.5517	0.034
0.00	33.6	0.0	119.71		
1.00	36.1	2.5	119.74		
2.00	37.8	4.3	119.77		
3.00	38.1	4.5	119.80		
4.00	39.4	5.8	119.84		
5.00	38.3	4.7	119.87		
6.00	39.6	6.0	119.90		
7.00	39.7	6.1	119.94		
8.00	39.4	5.9	119.97		

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ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 7910 #3-22 Davis Ranch Petroglyph Oper. DST #1

DATE: 06/15/95 TIME: 13:24:47

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
9.00	39.1	5.5	120.00		
10.00	38.8	5.2	120.04		
11.00	38.0	4.4	120.07		
12.00	37.4	3.9	120.11		
13.00	37.1	3.5	120.15		
14.00	37.0	3.4	120.19		
15.00	37.8	4.2	120.21		
16.00	38.1	4.5	120.26		
17.00	39.9	6.4	120.29		
18.00	39.8	6.2	120.33		
19.00	39.5	6.0	120.35		
20.00	38.1	4.5	120.40		
21.00	37.3	3.7	120.43		
22.00	37.1	3.5	120.46		
23.00	37.5	3.9	120.51		
24.00	40.1	6.5	120.53		
25.00	39.6	6.0	120.57		
26.00	38.8	5.3	120.61		
27.00	37.8	4.2	120.64		
28.00	37.2	3.6	120.67		
29.00	37.8	4.2	120.71		
30.00	39.6	6.0	120.74		
31.00	39.0	5.5	120.78		
32.00	38.2	4.6	120.81		
33.00	37.1	3.5	120.85		
34.00	37.7	4.1	120.89		
35.00	40.3	6.7	120.92		
36.00	39.9	6.3	120.96		
37.00	38.8	5.3	120.99		
38.00	38.0	4.4	121.01		
39.00	37.4	3.9	121.04		
40.00	38.0	4.4	121.07		
41.00	38.8	5.2	121.12		
42.00	40.2	6.6	121.15		
43.00	39.4	5.8	121.19		
44.00	38.7	5.1	121.23		
45.00	38.1	4.5	121.26		
46.00	37.6	4.0	121.30		
47.00	38.8	5.2	121.33		
48.00	40.4	6.8	121.37		
49.00	39.3	5.7	121.41		
50.00	38.8	5.3	121.44		
51.00	38.3	4.7	121.48		
52.00	37.5	3.9	121.52		
53.00	38.3	4.7	121.57		
54.00	37.6	4.0	121.60		
55.00	40.4	6.8	121.65		
56.00	40.3	6.7	121.70		
57.00	39.8	6.2	121.74		
58.00	38.6	5.0	121.81		
59.00	39.6	6.0	121.91		

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DATE: 06/15/95 TIME: 13:24:47

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	60.00	39.0	5.5	122.01		
	61.00	38.3	4.8	122.09		
	62.00	38.3	4.7	122.09		
	63.00	38.8	5.2	122.11		
	64.00	38.8	5.3	122.10		
	65.00	40.5	7.0	122.10		
	66.00	40.7	7.1	122.10		
	67.00	40.4	6.9	122.10		
	68.00	40.6	7.0	122.10		
	69.00	40.4	6.8	122.10		
	70.00	40.4	6.8	122.10		
	71.00	39.9	6.3	122.10		
	72.00	39.2	5.6	122.10		
	73.00	39.1	5.5	122.11		
	74.00	40.3	6.7	122.11		
***** End Flow 2	75.00	38.9	5.4	122.10		
***** Start Shutin 2	0.00	38.9	0.0	122.10	0.0000	0.002
	1.00	40.9	2.0	122.11	108.0000	0.002
	2.00	42.9	3.9	122.11	54.5000	0.002
	3.00	44.7	5.8	122.10	36.6667	0.002
	4.00	46.7	7.7	122.11	27.7500	0.002
	5.00	48.6	9.7	122.11	22.4000	0.002
	6.00	50.4	11.5	122.11	18.8333	0.003
	7.00	52.4	13.4	122.11	16.2857	0.003
	8.00	54.1	15.2	122.11	14.3750	0.003
	9.00	55.8	16.9	122.11	12.8889	0.003
	10.00	57.5	18.5	122.11	11.7000	0.003
	11.00	59.2	20.3	122.11	10.7273	0.004
	12.00	60.9	22.0	122.11	9.9167	0.004
	13.00	62.7	23.8	122.11	9.2308	0.004
	14.00	64.3	25.3	122.11	8.6429	0.004
	15.00	66.0	27.0	122.11	8.1333	0.004
	16.00	67.6	28.7	122.11	7.6875	0.005
	17.00	69.3	30.4	122.11	7.2941	0.005
	18.00	70.8	31.9	122.11	6.9444	0.005
	19.00	72.4	33.5	122.11	6.6316	0.005
	20.00	74.1	35.2	122.12	6.3500	0.005
	21.00	75.8	36.8	122.11	6.0952	0.006
	22.00	77.5	38.5	122.12	5.8636	0.006
	23.00	79.1	40.1	122.11	5.6522	0.006
	24.00	80.6	41.7	122.13	5.4583	0.007
	25.00	82.2	43.3	122.12	5.2800	0.007
	26.00	84.0	45.1	122.15	5.1154	0.007
	27.00	85.6	46.7	122.15	4.9630	0.007
	28.00	87.1	48.2	122.20	4.8214	0.008
	29.00	88.9	49.9	122.23	4.6897	0.008
	30.00	90.5	51.5	122.31	4.5667	0.008
	31.00	92.1	53.1	122.42	4.4516	0.008
	32.00	93.8	54.9	122.53	4.3438	0.009
	33.00	95.3	56.4	122.56	4.2424	0.009
	34.00	96.9	58.0	122.63	4.1471	0.009

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 7910 #3-22 Davis Ranch Petroglyph Oper. DST #1

DATE: 06/15/95

TIME: 13:24:47

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
35.00	98.5	59.6	122.66	4.0571	0.01
36.00	100.0	61.1	122.69	3.9722	0.010
37.00	101.6	62.7	122.73	3.8919	0.010
38.00	103.1	64.2	122.77	3.8158	0.011
39.00	104.7	65.8	122.81	3.7436	0.011
40.00	106.3	67.4	122.85	3.6750	0.011
41.00	107.9	69.0	122.88	3.6098	0.012
42.00	109.4	70.5	122.92	3.5476	0.012
43.00	110.9	72.0	122.95	3.4884	0.012
44.00	112.5	73.6	122.97	3.4318	0.013
45.00	114.0	75.1	122.99	3.3778	0.013
46.00	115.6	76.6	123.01	3.3261	0.013
47.00	117.1	78.1	123.04	3.2766	0.014
48.00	118.6	79.6	123.07	3.2292	0.014
49.00	120.2	81.2	123.11	3.1837	0.014
50.00	121.6	82.7	123.13	3.1400	0.015
51.00	123.1	84.2	123.17	3.0980	0.015
52.00	124.5	85.5	123.19	3.0577	0.015
53.00	126.0	87.0	123.21	3.0189	0.016
54.00	127.5	88.5	123.24	2.9815	0.016
55.00	128.9	90.0	123.26	2.9455	0.017
56.00	130.4	91.5	123.28	2.9107	0.017
57.00	131.9	93.0	123.29	2.8772	0.017
58.00	133.4	94.4	123.33	2.8448	0.018
59.00	134.8	95.8	123.35	2.8136	0.018
60.00	136.2	97.3	123.37	2.7833	0.019
61.00	137.5	98.6	123.40	2.7541	0.019
62.00	139.1	100.2	123.43	2.7258	0.019
63.00	140.5	101.6	123.44	2.6984	0.020
64.00	141.9	103.0	123.47	2.6719	0.020
65.00	143.4	104.5	123.49	2.6462	0.021
66.00	144.8	105.8	123.50	2.6212	0.021
67.00	146.3	107.3	123.54	2.5970	0.021
68.00	147.6	108.7	123.55	2.5735	0.022
69.00	149.0	110.1	123.58	2.5507	0.022
70.00	150.5	111.5	123.60	2.5286	0.023
71.00	151.8	112.9	123.62	2.5070	0.023
72.00	153.2	114.3	123.65	2.4861	0.023
73.00	154.5	115.6	123.66	2.4658	0.024
74.00	156.0	117.1	123.69	2.4459	0.024
75.00	157.1	118.2	123.70	2.4267	0.025
76.00	158.7	119.8	123.73	2.4079	0.025
77.00	160.0	121.1	123.75	2.3896	0.026
78.00	161.5	122.5	123.77	2.3718	0.026
79.00	162.9	124.0	123.79	2.3544	0.027
80.00	164.1	125.1	123.82	2.3375	0.027
81.00	165.4	126.5	123.83	2.3210	0.027
82.00	166.8	127.8	123.85	2.3049	0.028
83.00	168.1	129.2	123.86	2.2892	0.028
84.00	169.4	130.5	123.89	2.2738	0.029
85.00	170.8	131.9	123.92	2.2588	0.029

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 7910 #3-22 Davis Ranch Petroglyph Oper. DST #1

DATE: 06/15/95 TIME: 13:24:47

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
86.00	172.0	133.1	123.93	2.2442	0.030
87.00	173.4	134.5	123.95	2.2299	0.030
88.00	174.6	135.7	123.98	2.2159	0.031
89.00	176.1	137.1	123.98	2.2022	0.031
90.00	177.4	138.5	124.01	2.1889	0.031
91.00	178.7	139.7	124.03	2.1758	0.032
92.00	180.0	141.1	124.05	2.1630	0.032
93.00	181.3	142.3	124.08	2.1505	0.033
94.00	182.5	143.6	124.10	2.1383	0.033
95.00	183.9	144.9	124.12	2.1263	0.034
96.00	185.2	146.3	124.14	2.1146	0.034
97.00	186.5	147.5	124.16	2.1031	0.035
98.00	187.8	148.9	124.18	2.0918	0.035
99.00	189.1	150.1	124.19	2.0808	0.036
100.00	190.4	151.5	124.21	2.0700	0.036
101.00	191.6	152.7	124.24	2.0594	0.037
102.00	192.9	153.9	124.25	2.0490	0.037
103.00	194.2	155.3	124.27	2.0388	0.038
104.00	195.5	156.5	124.30	2.0288	0.038
105.00	196.7	157.8	124.33	2.0190	0.039
106.00	198.0	159.0	124.32	2.0094	0.039
107.00	199.2	160.2	124.34	2.0000	0.040
108.00	200.5	161.6	124.36	1.9907	0.040
109.00	201.8	162.8	124.39	1.9817	0.041
110.00	202.9	164.0	124.41	1.9727	0.041
111.00	204.1	165.2	124.43	1.9640	0.042
112.00	205.4	166.4	124.45	1.9554	0.042
113.00	206.6	167.7	124.48	1.9469	0.043
114.00	207.9	168.9	124.48	1.9386	0.043
115.00	209.1	170.2	124.50	1.9304	0.044
116.00	210.2	171.3	124.52	1.9224	0.044
117.00	211.6	172.6	124.54	1.9145	0.045
118.00	212.7	173.8	124.55	1.9068	0.045
119.00	214.0	175.1	124.57	1.8992	0.046
120.00	215.2	176.2	124.60	1.8917	0.046
121.00	216.4	177.4	124.61	1.8843	0.047
122.00	217.6	178.7	124.63	1.8770	0.047
123.00	218.9	179.9	124.65	1.8699	0.048
124.00	220.1	181.1	124.67	1.8629	0.048
125.00	221.2	182.3	124.68	1.8560	0.049
126.00	222.4	183.5	124.70	1.8492	0.049
127.00	223.6	184.6	124.72	1.8425	0.050
128.00	224.8	185.8	124.73	1.8359	0.051
129.00	225.9	187.0	124.75	1.8295	0.051
130.00	227.2	188.3	124.77	1.8231	0.052
131.00	228.4	189.4	124.79	1.8168	0.052
132.00	229.5	190.6	124.80	1.8106	0.053
133.00	230.8	191.9	124.82	1.8045	0.053
134.00	232.0	193.0	124.84	1.7985	0.054
135.00	233.1	194.1	124.86	1.7926	0.054
136.00	234.3	195.4	124.87	1.7868	0.055

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 7910 #3-22 Davis Ranch Petroglyph Oper. DST #1

DATE: 06/15/95

TIME: 13:24:47

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
	137.00	235.4	196.5	124.89	1.7810	0.055
	138.00	236.6	197.7	124.91	1.7754	0.056
	139.00	237.8	198.9	124.92	1.7698	0.057
	140.00	239.0	200.1	124.94	1.7643	0.057
	141.00	240.2	201.3	124.96	1.7589	0.058
	142.00	241.5	202.6	124.97	1.7535	0.058
	143.00	242.7	203.8	124.99	1.7483	0.059
	144.00	243.9	205.0	124.99	1.7431	0.059
	145.00	245.1	206.1	125.03	1.7379	0.060
	146.00	246.2	207.3	125.04	1.7329	0.061
	147.00	247.3	208.4	125.05	1.7279	0.061
	148.00	248.5	209.6	125.08	1.7230	0.062
***** End Shut-in 2	149.00	249.7	210.7	125.09	1.7181	0.062
***** Final Hydro.	442.00	2164.5	0.0	125.24		

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Davis Ranch #3-32

LOCATION : 22 34s 15w

TICKET No. 7910 D.S.T. No. 1 DATE 6-15-95

TOTAL TOOL TO BOTTOM OF TOP PACKERS 27

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 19

TOTAL TOOL 46

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single 1 Total 31

TOTAL ASSEMBLY 77

D.C. ABOVE TOOLS.Stands3 Single Total 179

D.P. ABOVE TOOLS.Stands Single Total 4548

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4804

TOTAL DEPTH 4793

TOTAL DRILL PIPE ABOVE K.B. 11

REMARKS:

P.O. SUB	
C.O. SUB double pin sub	4716
S.I. TOOL shutin tool	4721
HMV hydraulic tool	4726
JARS	4730
SAFETY JOINT	4732
PACKER Top Packer	4738
PACKER Bottom Packer	4743
DEPTH 4743	
STUBB 4744	
ANCHOR	
3' Perf	4747
1 joint pipe & changeover subs	4780
alpine recorder	4781
5' pickup sub	4785
T.C. DEPTH	
5' perf anchor	4790
ak1 recorder	4791
BULLNOSE	
T.D. 3' bullplug	4793

CUSTOMER COPY



HALLIBURTON

REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE **CONFIDENTIAL**

ORIGINAL

INVOICE NO.	DATE
825215	06/18/1995

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
DAVIS RANCH 3-22		HARPER		KS	GAME
SERVICE LOCATION	CONTRACTOR		JOB PURPOSE		TICKET DATE
PRATT	DUKE DRILLING #5		PLUG TO ABANDON		06/18/1995
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
441840	JOE LEVINGSTON			COMPANY TRUCK	92260

DIRECT CORRESPONDENCE TO:

PETROGLYPH OPERATING CO., INC.
P O BOX 1839
HUTCHINSON, KS 67504-1839

P.O. BOX 1598
LIBERAL, KS 67905-0000

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	35 MI		2.75	96.25
		1 UNT			
090-910	MISCELLANEOUS PUMPING JOB	1 TRK		395.00	395.00
504-136	CEMENT - 40/60 POZMIX STANDARD	125 SK		7.16	895.00
507-277	HALLIBURTON-GEL BENTONITE	4 SK		18.60	74.40
500-207	BULK SERVICE CHARGE	133 CFT		1.35	179.55
500-306	MILEAGE CHTG MAT DEL OR RETURN	193.8475 TMI		.95	184.16

RELEASED

INVOICE SUBTOTAL

JUL 31 1997

1,824.36

DISCOUNT-(BID)

INVOICE BID AMOUNT

FROM CONFIDENTIAL

364.87

459.49

*- KANSAS STATE SALES TAX

*- PRATT COUNTY SALES TAX

71.51

14.60

REC
JUN 22
CONFIDENTIAL

PPH APR 31 A 11:28

RECEIVED
KANSAS CORP COMM

WELL FILE

CONFIDENTIAL

RECEIVED JUL 05 1995

INVOICE TOTAL - PLEASE PAY THIS AMOUNT \$1,545.60

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never

JOB LOG HAL-2013-C

 CUSTOMER **PETROGLYPH O.P. Co.** WELL NO. **322** LEASE **DAVE'S RANCH** JOB TYPE **PTA** TICKET NO. **835215**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1900							ORIGINAL CALLED OUT
	1000							ON LOCATION
								CONFIDENTIAL RIG LEAVING DOWN D.P.
								8 5/8" SURF. CSG SET AT 804'
								1 st PLUG AT 840'
	0100	6	24					Pump 24 bbl H ₂ O
		6	14.6					Pump 14.6 bbl CMT (50 SX)
		6	8					Pump 8 bbl H ₂ O
								2 nd PLUG AT 400'
	0030	6	6					Pump 6 bbl H ₂ O
		6	11.7					Pump 11.7 bbl CMT (40 SX)
		6	2					Pump 2 bbl H ₂ O
								3 rd PLUG AT 40' TO SURFACE
	0200	2	3					Pump 3 bbl CMT (10 SX)
	0210	2	4.5					PLUG RAT HOLE (15 SX)
	0215	2	3					PLUG MISC HOLE (10 SX)
								WASH UP
								RACK UP
	0230							JOB COMPLETE
								RELEASED
								JUL 31 1997
								THANKS
								KEVIN
								CEOREKIL
								MARLEN
								ALL
								JUN 22
								CONFIDENTIAL
								CONFIDENTIAL

FROM CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL