11-29-40W

Typed Geo

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KANSAS CORPORATION COMMI

API 15-187-209420000
Presco-Western, LLC
Levis 1-1211
App. NE NW SW
(2310 FSL & 800 FWL Sec.)
Sec. 11-T29S-R40W
Stanton County, Kansas
November 2000

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General Well Data

Operator: Presco-Western, LLC (lic. 32309)
1775 Sherman Street, Suite 2950
Denver, Colorado 80203

Project or Company Geologist: Mr. Van Leighton

A.P.I. and Well Name: 15-187-209420000, Levis 1-1211

Prospect or Field Name: Wildcat

Location: App. NE NW SW, Sec. 11-T29S-R40W of Stanton County, Kansas, From the intersection of HWY 27/US HWY 160 on the northwest edge of Johnson City, Kansas, proceed east along US HWY 160 for 5.0 miles, at county road H5E turn south for 2, 6 miles to location entrance, east into 0.4 miles

Elevation: KB 3271, DF 3258, GL **3260**, 11' GL to KB

Spud Date: Wednesday, November 15, 2000, 1:15 PM
Completed: Tuesday, November 27, 2000, 12:30 AM

Total Depth: Rotary: 5720 feet, Logged: 5728 feet

Contractor: Big "A" Drilling Co., Rig #4 (lic. 31572)
Toolpusher: Mike Serrato, Elkhart, Kansas
Rig Type: Ideco N-45, Skytop, double, steel pits
Power: Cat
Drill Pipe: $4\frac{1}{2}$"XH, WT: 16.6#/ft, Grade "E", OD: $6\frac{1}{4}$", ID: $2\frac{1}{4}$"
Drill Collars: #25-Length 762.12 ft, OD: $6\frac{1}{4}$", ID: $2\frac{1}{4}$"
Pumps 1: Ideco MM550, Liners: $5\frac{1}{2}$", Stroke: 15"
Power: Detroit Diesel 60 series

Surface Casing: Ran 40 jts. New, 8-5/8", 23#, Grade "H", ST&C tallied at 1645.00 feet, set at 1633.00 feet, cemented w/550 sxs, 3% CC + $\frac{1}{4}$# sx flocele + 150 sxs Class A, 3% CC, Plug Down at 11:45am, Saturday, 11-18-00, Cement Did Circulate by Allied Cementing

Mud Program: Eng: David Blanton
Baker Hughes: INTEQ
Oklahoma City, Oklahoma
Mud Type: Chemical/LSND

Drilling Engineer: George Payne
(Foreman) Petroleum Engineer
7588 Marywood Drive
Newburgh, Indiana 47630

Geologic Supervision: Kenneth M. LeBlanc/Panther Energy, Inc.
(Geologist) 2349 North Stoneybrook Court
Wichita, Kansas 67226-3604

Samples: Ten (10) foot samples from 4300 feet to 5720 feet
Uncut bagged samples were delivered to the Kansas Geological Survey's Wichita, Kansas facility for cut and storage

Drilling Time: One (1) foot drill time from 3700 feet to 5720 feet

Gas Detector: MBC Well Logging and Leasing
P.O. Box 956
Meade, Kansas 67864
(Unit M-2, Hotwire & Chromatograph)

Cores: NONE, Core Retrieval: NONE

(D)rill (S)tem (T)ests: Trilobite Testing Co., LLC
Tester: Mike Colantonio, Hugoton, KS District
DST 1)5090-5120 - Upper Morrow Sand

Elogs: The Rosel Company, Liberal, Kansas
Engineer: Mark W. Miller
Crew: Anthony Madia

Logging acheived with two (2) passes over the borehole
Surveys: Dual Induction Log, Borehole Compensated Sonic Log
Compensated Nuetron Density Log

Water: irrigation well north of location

Fuel: Besthorn O&G Company, Claflin, Kansas

Production: 5½" set below 5200 feet, by Halliburton Svcs.

For KCC Use:
Effective Date: 10-22-00
District #
SGA? Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
NOTICE OF INTENT TO DRILL

Must be approved by KCC five (5) days prior to commencing well

Form C-1
September 1999
Form must be Typed
Form must be Signed
All blanks must be Filled

Expected Spud Date: October 25, 2000 (month / day / year)

OPERATOR: License# 32309
Name: Presco Western, LLC
Address: 1775 Sherman Street, Suite 2950
City/State/Zip: Denver, CO 80203
Contact Person: Richard J. Gray
Phone: (303) 864-1381 Ext. 103

CONTRACTOR: License# 31572
Name: Big A Drilling

Spot: 190'E of Ap NE NW SW Sec. 11 Twp. 29 S R. 40 East / West
2310 feet from S / N (circle one) Line of Section
800 feet from E / W (circle one) Line of Section
Is SECTION X Regular ___ Irregular?
(Note: Locate well on the Section Plat on reverse side)

County: Stanton
Lease Name: Levis Well #: 1-11I1
Field Name: Unnamed
Is this a Prorated / Spaced Field? Yes No
Target Formation(s): St. Louis
Nearest Lease or unit boundary: 800'
Ground Surface Elevation: 3260.5 feet MSL
Water well within one-quarter mile: Yes No
Public water supply well within one mile: Yes No
Depth to bottom of fresh water: 500'
Depth to bottom of usable water: 720'
Surface Pipe by Alternate: X 1 2
Length of Surface Pipe Planned to be set: 1750'
Length of Conductor Pipe required: None
Projected Total Depth: 5720'
Formation at Total Depth: St. Louis
Water Source for Drilling Operations: Well Farm Pond Other X
DWR Permit #:
(Note: Apply for Permit with DWR)
Will Cores be taken? Yes No
If Yes, proposed zone:

Well Drilled For:	Well Class:	Type Equipment:
X Oil	Enh Rec	Infield	X Mud Rotary
Gas	Storage	Pool Ext.	Air Rotary
OWWO	Disposal	X Wildcat	Cable
Seismic: # of Holes	Other	
Other		

If OWWO: old well information as follows:
Operator:
Well Name:
Original Completion Date: Original Total Depth:

Directional, Deviated or Horizontal wellbore? Yes No
If Yes, true vertical depth:
Bottom Hole Location:
KCC DKT #:

RECEIVED
STATE CORPORATION COMMISSION
OCT 17 2000
CONSERVATION DIVISION
Wichita, Kansas

AFFIDAVIT

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101, et. seq.
It is agreed that the following minimum requirements will be met:

1. Notify the appropriate district office *prior* to spudding of well;
2. A copy of the approved notice of intent to drill *shall* be posted on each drilling rig;
3. The minimum amount of surface pipe as specified below *shall be set* by circulating cement to the top; in all cases surface pipe shall be set through all unconsolidated materials plus a minimum of 20 feet into the underlying formation.
4. If the well is dry hole, an agreement between the operator and the district office on plug length and placement is necessary *prior to plugging;*
5. The appropriate district office will be notified before well is either plugged or production casing is cemented in;
6. If an ALTERNATE II COMPLETION, production pipe shall be cemented from below any usable water to surface within *120 days* of spud date. *In all cases, NOTIFY district office* prior to any cementing.

I hereby certify that the statements made herein are true and to the best of my knowledge and belief.

Date: 10-16-00 Signature of Operator or Agent: Title: President

For KCC Use ONLY
API # 15 - 187-20942-0000
Conductor pipe required None feet
Minimum surface pipe required 740' feet per Alt. (1) X
Approved by: DPW 10-17-00
This authorization expires: 4-17-2001
(This authorization void if drilling not started within 6 months of effective date.)
Spud date: Agent:

Remember to:
- File Drill Pit Application (form CDP-1) with Intent to Drill;
- File Completion Form ACO-1 within 120 days of spud date;
- File acreage attribution plat according to field proration orders;
- Notify appropriate district office 48 hours prior to workover or re-entry;
- Submit plugging report (CP-4) after plugging is completed;
- Obtain written approval before disposing or injecting salt water.

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

API 15-187-209420000
Presco-Western, LLC
Levis 1-1211
App. NE NW SW
(2310 FSL & 800 FWL, Sec.)
Sec. 11-T29S-R40W
Stanton County, Kansas
November 2000

Formations	Sample Tops	Corrected Sample Tops	Elog Tops
B/Surface casing	1633		1638
Heebner Shale	3741	3724	3725 - 454
Toronto Ls	3761	3751	3748 - 477
Lansing	3835	3826	3822 - 551
Marmaton Ls	4412	4403	4397 - 1126
Cherokee Shale	4574		4576 - 1305
Morrow Shale	5096		5010 - 1830
Upper Morrow Sand	5100		5107 - 1830
Morrow Marine	5406		5409 - 2138
Basal Morrow Sand	ABS		Absent
Miss. Chester	5484		5476 - 2205
Miss. St. Genevieve	5500	5512	5512 - 2241
Miss. St. Louis	5600		5605 - 2334
RTD, LTD	5720		5728 - 2457

API 15-187-209420000
Presco-Western, LLC
Levis 1-1211
App. NE NW SW
(2310 FSL & 800 FWL, Sec.)
Sec. 11-T29S-R40W
Stanton County, Kansas
November 2000

FORMATION TOPS, Control Wells -)		**"A"**			**"B"**	
Presco-Western, LLC		Hugoton Energy, Inc.			Amoco Prod. Co.	
Levis 1-1211		Westwind 1-12			Lacy Nicole 1-16	
App. NE NW SW		C SE NE			1980 FNL & 2100 FWL	
Sec. 11-T29S-R40W		Sec. 12-T29S-R40W			Sec. 16-T29S-R40W	
Stanton Co., KS		Stanton Co., KS			Stanton Co., KS	
KB 3271 GL-KB 11'		KB 3240			KB 3300	
Formation Tops						
(drill time & sample)		elog	(+/-)		elog	(+/-)
Heebner Shale	3741- 470	3760- 520	(+50)		3701- 401	(-69)
Toronto Ls	3761- 490	3778- 538	(+48)		3720- 420	(-70)
Lansing	3835- 564	3854- 614	(+50)		3796- 496	(-68)
Marmaton Ls	4412-1141	4432-1192	(+51)		4364-1064	(-77)
Cherokee Shale	4574-1303	4596-1356	(+53)		4561-1261	(-42)
Atoka Ls	4961-1690	4992-1752	(+62)		4914-1614	(-76)
Atoka Ls-Revised	**4944-1673**		**(+79)**			**(-59)**
Morrow Shale	5096-1825	5162-1922	(+97)		5079-1779	(-46)
Upr Morrow Sst	5100-1829(20)	5170-1920	(+101)	zone	Absent	
B/Upr Morrow Sst	5128-1857	5194-1954	(+097)		Absent	
Morrow Marine	5406-2135	5485-2245	(+110)		5384-2084	(-51)
Bsl Morrow Sand	Absent	Absent			5457-2157	
Miss. Chester	5484-2213	5619-2379	(+166)		5493-2193	(-20)
Miss. St. Gen.	5500-2229	5634-2394	(+165)		5527-2227	(-02)
MSTL zone	5629-2358					

RTD 5720-2449 at 12:30am, Rosel Company on location at 7:30am

The above is a summation of drill time and sample tops of formations and marker beds in the above referenced well in relationship to key control wells and their equivalent tops and datums

Well Chronology
7 AM Report

Fri. 11-17-00	MIRT, Rig Up, Spud 3:00pm	
Sat. 11-18-00	1645', TOOH f/surf. csg.	1645' last 24 hrs, Set 8-5/8" - 1645'
Sun. 11-19-00	Drilling at 2000,	365' last 24 hrs
Mon. 11-20-00	Drilling at 2910',	910' last 24 hrs
Tue. 11-21-00	Drilling at 3580',	670' last 24 hrs
Wed. 11-22-00	Drilling at 4110',	530' last 24 hrs
Thu. 11-23-00	Drilling at 4610',	500' last 24 hrs
Fri. 11-24-00	Drilling at 5020',	410' last 24 hrs, DST 1)5120,
Sat. 11-25-00	5120- TIH after DST 1,	100' last 24 hrs
Sun. 11-26-00	Drilling at 5520',	400' last 24 hrs,
	RTD 5720 at 12:30am, CFS 60 minutes, Short Trip 15 stands, CTCH for 120 minites, Drop Totco survey, Chain out first ten (10) stands	
Mon. 11-27-00	5720 - TOOH f/Logs ,	200' last 24 hrs
	Rosel Company on location at 7:30am, logging off bottom at 10:30am, finished w/2nd pass at 3:00pm, prepare to run 5½" production casing below 5200 feet	

SUMMARY:

The Presco Western, LLC, Levis 1-1211 was drilled to a vertical total depth of 5720 feet, sufficient to penetrate the localized porosities within the Miss. St. Louis formation.

The primary zones of interest for the Levis 1-1211 was the Upper Morrow Sand with secondary target in the Miss. St. Louis formation.

Key control used for reference included the Hugoton Eng., Westwind 1-12 in the C SE NE of Sec. 12, drilled in June 1994 and the Amoco Prod. Co. Lacy Nicole 1-16 in Sec. 16, drilled in July 1995. The Presco Western, Levis 1-1211 ran low to the Amoco Prod., Lacy Nicole 1-16 on all marker beds and formation tops through RTD. Significant thinning was seen on marker beds between these two wells. At the Heebner Shale, the Levis 1-1211 was approx. 50 feet low to the Lacy Nicole where at the Miss. St. Genevieve a difference of only 15 foot was noted. The opposite relationship took place between the Levis 1-1211 and the Westwind 1-12. A pronounced thickening became evident below the Heebner Shale. At this marker the Levis was 70 feet high to the Westwind. At the Miss. St. Genevieve the structural difference between these two wells was approx. 150 feet. These changes took place in the intervals Cherokee Shale-Atoka Ls and Morrow Shale-Miss. Chester. Upper Morrow Sand production was identified as a primary target from a 3D survey across the proposed location. A succussful DST confirmed the presence of hydrocarbons in this interval. A significant show of oil was identified in the Miss. St. Louis shoal facies labeled as the B zone (see show report #2). This interval was NOT evaluated by DST. Elog characteristics across the MSTL "B" zone revealed a tight and sandy phase to the shoal. Poor elog parameters did not warrant further testing of this zone. A sample show noted in the MSTL "B" interval is important in locating potential nearby Miss. St. Louis oolitic shoal production.

Significant Sample Shows or Gas Increases are reported within this report under **Sample Show Reports.**

Gas Increases were observed throughout the drilling of the Presco Western Levis 1-1211, but had **NO ACCOMPANYING SAMPLES SHOWS** and are listed sequentially. Gas Increase of HW-75u, NO Recycle in the Cherokee Ls interval 4584-4587, dt.

Daily Mud Properties

Date	Depth	WT	VIS	PV	YP	PH	WL	Solids	Chl	Cal	LCM	Costs
11-16-00	000	Spud	Mud									00.00
11-17-00	877	10.1	33	06	14	8.0	NC	13.0%	1800	200	5#	1,758.00
11-18-00	1633	WATER										4,156.00
11-19-00	2288	8.9	27	05	07	8.0	NC	4.0%	3500	460	tr#	4,716.00
11-20-00	3110	9.3	32	04	12	8.0	38.0	6.9%	3500	400	2#	6,879.00
11-21-00	3705	9.2	48	14	14	9.7	10.8	6.3%	1800	40	4#	9,225.00
11-22-00	4200	9.4	39	12	12	9.5	8.4	7.7%	1400	40	5#	11,644.00
11-23-00	4685	9.1	38	10	14	9.5	10.8	5.7%	1000	100	8#	14,031.00
11-24-00	5120	8.6	52	18	18	9.5	7.2	2.2%	900	60	6#	16,875.00
11-25-00	5120	8.9	85	26	26	9.5	6.0	4.2%	2500	100	8#	17,567.00
11-26-00	5530	9.1	52	19	17	10.0	6.0	5.7%	1500	60	6#	19,725.00

Bit Record

Num.	Make	Type	Size	Jets	Out	Footage	Hours
1	Varel	L117	12-1/4"	14-14-14	1645	1645	15
2	Smith	ER5754R	7-7/8"	14-14-B	5720	4075	153-3/4
			Total Bit Hours--)			5720	168-3/4

Average Penetration Rate: B/Surf. Csg. to RTD: 26.50 ft/hr
surface (00) to RTD: 33.89 ft/hr

Deviation Record

1645 - 1-3/4 degrees - dropped, 5120 - 2 degrees - dropped
5720 - 2 degrees - dropped

Pipe Strap

5120 - 4.34 feet short to board, NO Correction

Loss Circulation

NONE

Daily Drilling Report, Thur. Nov. 23, 2000

Presco-Western, LLC
Levis 1-1211
App. NE NW SW, Sec. 11-T29S-R40W
Stanton County, Kansas

Depth at 7 AM, 4610 feet, 500 feet last 24 hours, Temp 30 deg, cloudy, dry
Current Activity - drilling ahead in Cherokee interval

Rig Mud Check - WT. 9.0, VIS 45, LCM 8#, at 4605 ft. at 06:30 AM

ENGINEERING MUD PROPERTIES at 4200 ft. for Wed. Nov. 22, 2000 at 11:45 AM
****ENGINEERING MUD REPORTS ARE FROM PREVIOUS DAY****
Baker-Hughes, INTEQ: Eng: David Blanton cell(806-984-4431), HM(316-624-1614)

Mud Wt.- 9.4 ppg	Vis. - 39 sec/qt	PV	- 12
YP - 12 lbs/100cu/ft2	W.L. - 8.4 cm3/30 min.	Solids	- 7.7%
CHL - 1400 PPM	LCM - 5 lbs/bbl		

Cumulative Mud Cost $11,644.00 w/trucking, cost last 24 hrs, $2,419.00

ROTARY RIG CHARACTERISTICS (Big A, Drlg. Co. Rig #4 - 316-626-9206)
Tool Pusher: Mike Serrato: Elkhart, KS (Cell 316-482-2027)
Bit #2, Type - Smith ER5754R IN at 1633 ft, (HOB 92 hrs)
Bit Jets - B-14-14
W.O.B. - 45 KLBS
R.P.M. - 80 RPM
P.Press.- 1000 LBS
S.P.M. - 62 STKS

MISC.
C.F.S. at (NONE)
Deviations at (NONE)
Pipe Strap at (NONE)
Bit Trip at (NONE)
Loss Circ. at (NONE)
DOWN TIME - Only to clean pits and service rig

FORMATION TOPS, Control Wells -)

	"A"	"B"
Presco-Western, LLC	Hugoton Energy, Inc.	Amoco Prod. Co.
Levis 1-1211	Westwind 1-12	Lacy Nicole 1-16
App. NE NW SW	C SE NE	1980 FNL & 2100 FWL
Sec. 11-T29S-R40W	Sec. 12-T29S-R40W	Sec. 16-T29S-R40W
Stanton Co., KS	Stanton Co., KS	Stanton Co., KS
KB 3271 GL-KB 11'	KB 3240	KB 3300
Heebner Shale 3741- 470	3760- 520 (+50)	3701- 401 (-69)
Toronto Ls 3761- 490	3778- 538 (+48)	3720- 420 (-70)
Lansing 3835- 564	3854- 614 (+50)	3796- 496 (-68)
Marmaton Ls 4412-1141	4432-1192 (+51)	4364-1064 (-77)
Cherokee Shale 4574-1303	4596-1356 (+53)	4561-1261 (-42)

NO SAMPLE SHOWS IN MARMATON INTERVAL, Gas detector operational at 4550 ft

background gas - HW-25u, Chrom (C1-15u, C2-5u, C3-0u, C4-0u, C5-0u)
sample quality - good-excellent, lithology well defined

Kenneth M. LeBlanc, Wellsite Geologist (316-772-6874)

Daily Drilling Report, Fri. Nov. 24, 2000

Presco-Western, LLC
Levis 1-1211
App. NE NW SW, Sec. 11-T29S-R40W
Stanton County, Kansas

Depth at 7 AM, 5020 feet, 410 feet last 24 hours, Temp 29 deg, cloudy, dry
Current Activity - drilling ahead in Atoka interval

Rig Mud Check - WT. 9.0, VIS 65, LCM 8#, at 5004 ft. at 06:30 AM

ENGINEERING MUD PROPERTIES at 4685 ft. for Thu. Nov. 23, 2000 at 11:00 AM
****ENGINEERING MUD REPORTS ARE FROM PREVIOUS DAY****
Baker-Hughes, INTEQ: Eng: David Blanton cell(806-984-4431), HM(316-624-1614)

Mud Wt.- 9.1 ppg	Vis. - 38 sec/qt	PV	- 10
YP - 14 lbs/100cu/ft2	W.L. -10.8 cm3/30 min.	Solids	- 5.7%
CHL - 1000 PPM	LCM - 8 lbs/bbl		

Cumulative Mud Cost $14,031.00 w/trucking, cost last 24 hrs, $2,387.00

ROTARY RIG CHARACTERISTICS (Big A, Drlg. Co. Rig #4 - 316-626-9206)
Tool Pusher: Mike Serrato: Elkhart, KS (Cell 316-482-2027)
Bit #2, Type - Smith ER5754R IN at 1633 ft, (HOB 114-1/4 hrs)
Bit Jets - B-14-14
W.O.B. - 45 KLBS
R.P.M. - 80 RPM
P.Press.- 1000 LBS
S.P.M. - 62 STKS

MISC.
C.F.S. at (NONE)
Deviations at (NONE)
Pipe Strap at (NONE)
Bit Trip at (NONE)
Loss Circ. at (NONE)
DOWN TIME - Only to clean pits and service rig

FORMATION TOPS, Control Wells -)	"A"	"B"
Presco-Western, LLC	Hugoton Energy, Inc.	Amoco Prod. Co.
Levis 1-1211	Westwind 1-12	Lacy Nicole 1-16
App. NE NW SW	C SE NE	1980 FNL & 2100 FWL
Sec. 11-T29S-R40W	Sec. 12-T29S-R40W	Sec. 16-T29S-R40W
Stanton Co., KS	Stanton Co., KS	Stanton Co., KS
KB 3271 GL-KB 11'	KB 3240	KB 3300
Atoka Ls 4961-1690	4992-1752 (+62)	4914-1614 (-76)

background gas - HW-40u, Chrom (C1-25u, C2-10u, C3-0u, C4-0u, C5-0u)
sample quality - good-excellent, lithology well defined

Kenneth M. LeBlanc, Wellsite Geologist (316-772-6874)

Presco-Western, LLC
Levis 1-1211
App. NE NW SW, Sec. 11-T29S-R40W
Stanton County, Kansas

Depth at 7 AM, 5120 feet, 100 feet last 24 hours, Temp 29 deg, cloudy, dry
Current Activity - 5120 - TIH after DST 1

Rig Mud Check - WT. 9.0, VIS 52, LCM 8#, at 5120 ft. at 06:30 PM, prior to DST 1

ENGINEERING MUD PROPERTIES at 5120 ft. for Fri. Nov. 24, 2000 at 01:15 PM
****ENGINEERING MUD REPORTS ARE FROM PREVIOUS DAY****
Baker-Hughes, INTEQ: Eng: David Blanton cell(806-984-4431), HM(316-624-1614)

Mud Wt.- 8.6 ppg	Vis. - 52 sec/qt	PV	- 18
YP - 18 lbs/100cu/ft2	W.L. - 7.2 cm3/30 min.	Solids	- 2.2%
CHL - 900 PPM	LCM - 6 lbs/bbl		

Cumulative Mud Cost $16,875.00 w/trucking, cost last 24 hrs, $2,844.00

ROTARY RIG CHARACTERISTICS (Big A, Drlg. Co. Rig #4 - 316-626-9206)
Tool Pusher: Mike Serrato: Elkhart, KS (Cell 316-482-2027)
Bit #2, Type - Smith ER5754R IN at 1633 ft, (HOB 119-3/4 hrs)
Bit Jets - B-14-14
W.O.B. - IDLE KLBS
R.P.M. - IDLE RPM
P.Press.- IDLE LBS
S.P.M. - IDLE STKS

MISC.
C.F.S. at 5120 for 90 minutes - Upper Morrow Sand
Short Trip at 5120 - 25 stands - pulled clean
C.T.C.H. at 5120 for 90 minutes, prior to DST 1
Deviations at 5120 - 2 degrees - dropped
Pipe Strap at 5120 - 4.34 foot short to board, NO CORRECTION
Bit Trip at 5120 - DST 1
Loss Circ. at (NONE)
DOWN TIME - 5210 - 18 hrs (1:00pm-7:00am) operations for DST 1

FORMATION TOPS, Control Wells -)	"A"	"B"
Presco-Western, LLC	Hugoton Energy, Inc.	Amoco Prod. Co.
Levis 1-1211	Westwind 1-12	Lacy Nicole 1-16
App. NE NW SE	C SE NE	1980 FNL & 2100 FWL
Sec. 11-T29S-R40W	Sec. 12-T29S-R40W	Sec. 16-T29S-R40W
Stanton Co., KS	Stanton Co., KS	Stanton Co., KS
KB 3271 GL-KB 11'	KB 3240	KB 3300
Atoka Ls 4961-1690	4992-1752 (+62)	4914-1614 (-76)
Atoka Ls-Revised 4944-1673	**(+79)**	**(-59)**
Morrow Shale 5096-1825	5162-1922 (+97)	5079-1779 (-46)
Upr Morrow Sst 5100-1829(20)	5170-1920 (+101) zone	Absent

Show Report #1 to follow:

DST 1 results covering Upper Morrow Sand to follow:

background gas - HW-125u, Chrom (C1-30u, C2-10u, C3-0u, C4-0u, C5-0u)
sample quality - good-excellent, lithology well defined

Kenneth M. LeBlanc, Wellsite Geologist (316-772-6874)

Presco-Western, LLC
Levis 1-1211
App. NE NW SW, Sec. 11-T29S-R40W
Stanton County, Kansas

Depth at 7 AM, 5520 feet, 400 feet last 24 hours, Temp 28 deg, clear, sunny, dry
Current Activity - drilling ahead in Miss. Chester interval

Rig Mud Check - WT. 9.0, VIS 60, LCM 10#, at 5505 ft. at 06:30 PM

ENGINEERING MUD PROPERTIES at 5120 ft. for Sat. Nov. 25, 2000 at 09:30 AM
****ENGINEERING MUD REPORTS ARE FROM PREVIOUS DAY****
Baker-Hughes, INTEQ: Eng: David Blanton cell(806-984-4431), HM(316-624-1614)

Mud Wt.- 8.5 ppg	Vis. - 85 sec/qt	PV	- 26
YP - 26 lbs/100cu/ft2	W.L. - 6.0 cm3/30 min.	Solids	- 4.2%
CHL - 2500 PPM	LCM - 8 lbs/bbl		

Cumulative Mud Cost $17,567.00 w/trucking, cost last 24 hrs, $ 692.00

ROTARY RIG CHARACTERISTICS (Big A, Drlg. Co. Rig #4 - 316-626-9206)
Tool Pusher: Mike Serrato: Elkhart, KS (Cell 316-482-2027)
Bit #2, Type - Smith ER5754R IN at 1633 ft, (HOB 137-1/4 hrs)
Bit Jets - B-14-14

W.O.B. -	45 KLBS to	**35 KLBS at 5120 - Morrow Shale drilling parameters**
R.P.M. -	80 RPM	**70 RPM**
P.Press.-	1000 LBS	**800 LBS**
S.P.M. -	62 STKS	**58 STKS**

MISC.
C.T.C.H. at 5120 for 60 minutes after DST 1
C.F.S. at (NONE)
Deviations at (NONE)
Pipe Strap at (NONE)
Bit Trip at (NONE)
Loss Circ. at (NONE)
DOWN TIME - 5210 - 4.5 hrs (07:00am-11:30am) operations for DST 1
5279 - 0.5 hrs (05:00pm-05:30pm) fix air hose clutch

FORMATION TOPS, Control Wells -)	**"A"**	**"B"**
Presco-Western, LLC	Hugoton Energy, Inc.	Amoco Prod. Co.
Levis 1-1211	Westwind 1-12	Lacy Nicole 1-16
App. NE NW SE	C SE NE	1980 FNL & 2100 FWL
Sec. 11-T29S-R40W	Sec. 12-T29S-R40W	Sec. 16-T29S-R40W
Stanton Co., KS	Stanton Co., KS	Stanton Co., KS
KB 3271 GL-KB 11'	KB 3240	KB 3300
Upr Morrow Sst 5100-1829(20)	5170-1920 (+101) zone	Absent
B/Upr Morrow Sst 5128-1857	5194-1954 (+097)	Absent
Morrow Marine 5406-2135	5485-2245 (+110)	5384-2084 (-51)

background gas - HW-250u, Chrom (C1-50u, C2-10u, C3-0u, C4-0u, C5-0u)
sample quality - good-excellent, lithology well defined

Kenneth M. LeBlanc, Wellsite Geologist (316-772-6874)

Daily Drilling Report, Mon. Nov. 27, 2000

Presco-Western, LLC
Levis 1-1211
App. NE NW SW, Sec. 11-T29S-R40W
Stanton County, Kansas

Depth at 7 AM, 5720 feet, 200 feet last 24 hours, Temp 31 deg, lt clds w/sun, dry
Current Activity - 5720 - TOOH for elogs

Rig Mud Check - WT. 9.0, VIS 58, LCM 10#, at 5700 ft. at 11:00 PM, 11-26-00

ENGINEERING MUD PROPERTIES at 5530 ft. for Sun. Nov. 26, 2000 at 08:00 AM
****ENGINEERING MUD REPORTS ARE FROM PREVIOUS DAY****
Baker-Hughes, INTEQ: Eng: David Blanton cell(806-984-4431), HM(316-624-1614)

Mud Wt.- 9.1 ppg	Vis. - 52 sec/qt	PV	- 19
YP - 17 lbs/100cu/ft2	W.L. - 6.0 cm3/30 min.	Solids	- 5.7%
CHL - 1500 PPM	LCM - 6 lbs/bbl		

Cumulative Mud Cost $19,725.00 w/trucking, cost last 24 hrs, $2,158.00

ROTARY RIG CHARACTERISTICS (Big A, Drlg. Co. Rig #4 - 316-626-9206)
Tool Pusher: Mike Serrato: Elkhart, KS (Cell 316-482-2027)
Bit #2, Type - Smith ER5754R IN at 1633 ft, OUT at 5720 ft (HOB 153-3/4 hrs)
Bit Jets - B-14-14
W.O.B. - IDLE KLBS
R.P.M. - IDLE RPM
P.Press.- IDLE LBS
S.P.M. - IDLE STKS

MISC.
C.F.S. at 5720 for 60 minutes - RTD
Short Trip at 5720 - 15 stands - pulled clean
C.T.C.H. at 5720 - 120 minutes after short trip
Deviations at 5720 - 2 degrees - dropped
Pipe Strap at 5720 - NONE
Bit Trip at 5720 - RTD
Loss Circ. at (NONE)
DOWN TIME - 5720 - 6.5 hrs (12:30am-7:00am) operation prior to elogs

FORMATION TOPS, Control Wells -)	**"A"**	**"B"**
Presco-Western, LLC	Hugoton Energy, Inc.	Amoco Prod. Co.
Levis 1-1211	Westwind 1-12	Lacy Nicole 1-16
App. NE NW SE	C SE NE	1980 FNL & 2100 FWL
Sec. 11-T29S-R40W	Sec. 12-T29S-R40W	Sec. 16-T29S-R40W
Stanton Co., KS	Stanton Co., KS	Stanton Co., KS
KB 3271 GL-KB 11'	KB 3240	KB 3300
Bsl Morrow Sand Absent	Absent	5457-2157
Miss. Chester 5484-2213	5619-2379 (+166)	5493-2193 (-20)
Miss. St. Gen. 5500-2229	5634-2394 (+165)	5527-2227 (-02)
MSTL zone 5629-2358		
RTD 5720-2449 at 12:30am, Rosel Company on location at 7:30am		

Show Report #2 covering Miss. St. Louis to follow:

background gas - HW-25u, Chrom (C1-10u, C2-10u, C3-0u, C4-0u, C5-0u)
sample quality - EXCELLENT, lithology well defined

Kenneth M. LeBlanc, Wellsite Geologist (316-772-6874)

SHOW REPORT, NUMBER One (1)

Company: Presco-Western, LLC Well Name: Levis 1-1211

Location App. NE NW SW S 11 T 29S R 40 W, County Stanton State Kansas

Formation Upper Morrow Sand (5107-5130, elog), Sample Quality excellent

Interval of Zone 5100-5120 (20), Depth w/Show 5120 CFS 60" & 90"

ROP - Before 4-5 mpf During ½-1½ mpf After ---- mpf

Drlg Time 5090 - 5120 : 4 - 4 - 5 - 4 - 4 - 2 - 1½ - 1½ - ½ - ½
1 - 1 - 1½ - 1 - 1 - 1½ - 1 - 1 - 1½ - 1
1½ - 1 - 1½ - 1 - 1 - 1½ - 1 - 1 - ½ - 1 *

* stopped in qtz body, eight foot of qtz below DST'd interval

GAS DETECTOR

	Before	During	GAS KICK	After	RECYCLE During	RECYCLE Gas Kick	RECYCLE After
Hot Wire (Methane)	120 u	500+u	**380u** u	225 u	500+u	**225** u	275 u
Chromatograph							
Methane (C1)	35 u	120 u	**85** u	40 u	95 u	**55** u	45 u
Ethane (C2)	5 u	30 u	**25** u	25 u	25 u	**10** u	10 u
Propane (C3)	0 u	0 u	**0** u	0 u	0 u	**0** u	0 u
Butane (IC4/NC4)	u	u	u	u	u	u	u
Pentane (C5)	u	u	u	u	u	u	u

ODOR YES? **NO?** light - faint - fair - strong - gassy - oily - sulphurous
FLUOR(W) YES? **NO?** Color: _____(dull-fair-bright)-(sparse-spotted-even)
FLUOR(D) YES? **NO?** Color: _____(dull-fair-bright)-(sparse-spotted-even)
GAS **YES?** NO? very - slight - **small & some fair** - good - break - clinging
OIL YES? **NO?** Color: _____(very-slight-small-fair-good)-(live-dead)
CUT YES? **NO?** Color: _____ thin - slow thin - slow - fair - fast - streaming
STAIN YES? **NO?** Color: _____ light-sparsely- spotted-heavy-even-asphaltic

POROSITY **I.G.**: none-**poor**-fair-good est por **15** %
vugs: fine-pinpoint-med-coarse est por ____%
ool - oomold: fine-med coarse est por ____%
interxln: none-poor-fair-good est por ____%
weathered

Lithologic Description:

qtz 70-80%, lt gry to clear, coarse to very coarse grain, some pebble sized, fractured, lesser with secondary overgrowths, subrnd thru angular, lesser 10%, clustered qtz, white to lt gry, med-coarse grain, subrnd, vp sorted, poor friability, few with attached pyrite, clusters pcs with small shows of gas, no odor, fluor,cut or stain, (AFTER DST 1, a very small % of qtz exhibited scattered fluor in wet sample)

Rotary Rig Characteristics: WOB 45K, RPM 80, PP 1000#, SPM 62
Mud Properties: WT 8.6, VIS 52, WL 7.2, LCM 6# at 5120 ft.
for possible DST
Rig Status: CFS at 5120, Recommendation evaluate by DST

SHOW REPORT, NUMBER Two (2)

Company: Presco-Western, LLC Well Name: Levis 1-1211

Location App. NE NW SW S 11 T 29S R 40 W, County Stanton State Kansas

Formation Miss. St. Louis "B" (5626-5634, elog), Sample Quality excellent

Interval of Zone 5629-5636 (07), Depth w/Show 5630-40 drlg

ROP - Before 6-7 mpf During 2-4 mpf After 9-10 mpf

Drlg Time 5600 - 5640 : 3½ - 6 - 4 - 4 - 4 - 4 - 5 - 5 - 5 - 4
3 - 5 - 4 - 4 - 2 - 3 - 6 - 5 - 4 - 9
10 - 4 - 6 - 6 - 7 - 7 - 6 - 6 - 6 - 3
5 - 6 - 6 - 6 - 4 - 10 - 5 - 5 - 5 - 4
* automatic driller dumping weight, drill time erratic

GAS DETECTOR

	Before	During	= GAS KICK	After	RECYCLE During	= Gas Kick	After
Hot Wire (Methane)	u	u	u	u	u	u	u
Chromatograph			*** NO GAS INCREASE ***				
Methane (C1)	u	u	u	u	u	u	u
Ethane (C2)	u	u	u	u	u	u	u
Propane (C3)	u	u	u	u	u	u	u
Butane (IC4/NC4)	u	u	u	u	u	u	u
Pentane (C5)	u	u	u	u	u	u	u

ODOR **YES?** NO? light - **faint** - fair - strong - gassy - oily - sulphurous
FLUOR(W) **YES?** NO? Color: **yell-gld** (dull-fair-**bright**)-(sparse-**spotted-even**)
FLUOR(D) **YES?** NO? Color: **yellow** (**dull**-fair-bright)-(sparse-**spotted**-even)
GAS YES? **NO?** very - slight - small & some fair - good - break - clinging
OIL **YES?** NO? Color: **clr-tan** very-slight-**small**-fair-good)-(**live**-dead)
CUT **YES?** NO? Color: **bright** **thin** - slow - slow - **fair - fast** - streaming
STAIN **YES?** NO? Color: **tan** **light**-sparsely- **spotted**-heavy-even-asphaltic

POROSITY I.G.: none-poor-fair-good est por ____%
vugs: fine-pinpoint-med-coarse est por ____%
ool - oomold: fine-med coarse est por ____%
interxln: none-**poor-fair**-good est por 8 %
weathered

Lithologic Description:

faint odor, ls cream fn and med oolitic, ringed, subopaque ooids, nmost uncoated, scattered fair to good-good interparticle porosity, 15% w/sptd and even bright yellow-gold fluor dry, fair to fast thin ribbon cut, yellow-gold residual halo, selected pcs. with very small shows light live oil some tan, no shows of gas, sptd tan stain

Rotary Rig Characteristics: WOB 45K, RPM 80, PP 1000#, SPM 62
Mud Properties: WT 8.8, VIS 58, WL -.-, LCM 9# at 5618 ft.
for possible DST
Rig Status: drilling ahead, Recommendation evaluate on elog

Presco-Western, LLC
Levis 1-1211
App. NE NW SW
Sec. 11-T29S-R40W
Stanton County, Kansas

November 22, 2000

The following descriptions were made independent of drilling time and represent an interpretation of each sample saved during the course of the above referenced well.

4300-4310 ls white-cream med oolitic dn matrix, tan ooids, scattered calcite inclusions, lesser ls tan-brn fn xln dn, sparse chert tan, fresh, subopaque, shales 20%, gry
4310-4320 ls gry and tan med oolitic, some ringed and highly fossilif, (fossil impressions and embedded fossil frags), blk fine inclusions grades to med xln, grainy, some chalky, scattered lt gry, fresh, subopaque, shales 10%, dk gry
4320-4330 ls cream-tan fn and med xln, fossilif, grainy in part, loose fossil frags grades to weathered
4330-4340 ls tan and cream med-coarse xln and oolitic, grades to weathered (dk gry ooids in uncoated), lesser brn coated in dn matrix
4340-4350 ls lt gry and cream fn xln w/fn-med blk and dk gry ooids and clasts, lesser ls 20%, tan med-coarsely oolitic and oomoldic, some hollowed ooids
4350-4360 ls tan and cream fn and med oolitic, ringed, leached and coated tan ooids, chalky ls w/fn blk ooids and clasts, embedded ls clasts, loose fossil frags, small amts of ls tan med oolitic, shales 10%, gry
4360-4370 ls tan to brn fn thru some coarse xln, included w/dk gry and blk clasts, some fossil, shales 15%, gry, dk gry
4370-4380 ls tan and gry fn xln dn w/dk gry and blk fn ooids and clasts, shales 25%, dk gry to blk
4380-4390 ls tan and gry fn xln dn w/dk gry and blk fn ooids and clasts, sst to siltstone 15%, lt gry w/green tint fn grain, shales 15%, dk gry to blk
4390-4400 ls cream-tan fn and med w/fn dk gry ooids and clasts, uncoated, some med-coarse ls inclusions, sst-siltstone lt gry vfn grain, slightly included, shales 30%, dk gry, gry
4400-4410 ls 75%, tan fn xln dn, smooth, some included w/blk carb material, shales 20%, lt gry, gry-green to blk 1-2%, red beds 5%, scattered siltstone 5%, lt green, vfn grain
4410-4420 ls cream-tan fn xln dn, smooth, small amts of ls tan fn-med oolitic, (Marmaton)uncoated ooids in dn matrix (samples wash milky)
4420-4430 ls cream-tan fn xln dn, smooth, equal amts of chalky ls
4430-4440 ls cream-tan fn xln dn, smooth, equal amts of chalky ls
4440-4450 ls cream-tan fn-med oolitic to med and coarse xln grades to weathered ls, shales 10%, gry, gry-green
4450-4460 ls tan-brn fn and med oomoldic and oolitic, cream fn mostly uncoated ooids in dn brn matrix some hollowed ooids, lesser ls 10%, gry fn xln dn
4460-4470 ls brn fn and some med oolitic, included w/organic matter and poorly dev. oomoldic, equal amts of ls tan to cream fn xln, weathered to chalky
4470-4480 ls brn and tan fn xln dn, some slightly included, lesser ls cream-tan fn-med oomoldic

4480-4490 ls tan fn and med xln, weathered and included w/organic matter, grades to chalky ls
4490-4500 ls tan fn xln, grainy, slightly oolitic, included organic matter grades to med xln
4500-4510 ls brn and lt gry mixed fn and med xln, some oolitic, blk med uncoated ooids in dn matrix, shales 10%, gry
4510-4520 ls cream and tan fn xln, sparsely oolitic grades to chalky and weathered, shales 10%+, dk gry, gry
4520-4530 ls cream and tan fn xln, sparsely oolitic grades to chalky and weathered, shales 10%+, dk gry, gry
4530-4540 ls brn and gry fn xln dn, slightly included w/blk ooids, shales 30%, blk and dk gry
4540-4550 ls white fn xln dn, some w/clear calcite, equally chalky, shales 30%, dk gry to blk
4550-4560 ls white to tan fn xln dn, some chalky, shales 25%, blk and dk gry, hard
4560-4570 ls white and tan fn xln dn, vsl oolitic and fossilif, assoc. chalk 15%+, shales dk gry to blk 10%
4570-4580 ls cream and brn fn xln dn, smooth, med-coarse xln, lesser chalky ls, sparse chert lt gry and tan, fresh, subopaque, shales blk, carb. 15%
4580-4590 ls tan-brn and lesser cream fn xln dn grades to chalky ls, sparse chert white-tan fresh, subopaque, shales gry, lesser dk gry w/gry-green 40%
4590-4600 NO SAMPLE
4600-4610 ls cream to tan fn xln dn, some included w/organic matter to chalky, scattered chert brn and cream fresh, subopaque, sharp, shales 10%, gry
4620-4630 ls cream to tan fn xln dn, some included w/organic matter to chalky, scattered chert brn and cream fresh, subopaque, sharp, shales 10%, gry
4630-4640 ls tan fn xln dn grades to chalky w/blk specks, lesser ls tan fn-med oolitic, uncoated and coated ooids and clasts in dn matrix, shales 15%+, blk
4640-4650 ls tan and cream fn and med xln-suboolitic, some fossilif, shales 40%, dk gry to blk
4650-4660 ls tan and cream fn and med xln, slightly oolitic, traces glauc., shales 40%, dk gry to blk
4660-4670 ls tan and cream fn and med xln, slightly oolitic, traces glauc., shales 30%, dk gry to blk
4670-4680 ls tan and brn fn oolitic and included w/organic matter to dn, chalky ls 25%, shales 20%+, dk gry, gry
4680-4690 ls tan and cream fn and med xln to suboolitic and fossilif, chalk 15%, shales 10%, gry
4690-4700 ls tan and cream fn and med xln to suboolitic and fossilif, chalk 15%, shales 10%, gry
4700-4710 ls cream-tan fn and lesser med xln, traces of pyritic some suboolitic, shales 40%+, dk gry to blk
4710-4720 ls lt gry and tan fn xln dn, some slightly included, chalk 5%, shales 10%, dk gry to blk
4720-4730 ls cream-tan fn xln dn, traces w/pyritic, some slightly oolitic, shales 20%+, dk gry, gry to blk
4730-4740 shales 70%, dk gry, gry, silty, pyritic, some calc., ls dk gry and tan fn and some med xln dn, grainy and lt pyritic

4740-4750 shales 70%, dk gry, gry, silty, pyritic, some calc., ls dk gry and tan fn and some med xln dn, grainy and lt pyritic
4750-4760 shales 80%+, dk gry and blk, ls white and cream fn to med xln, some included w/calcite and fossil impressions
4760-4770 ls tan-brn fn and med xln, oolitic in part (dk gry to blk), lesser ls tan-brn fn xln grades to chalk, shales 10%+, gry
4770-4780 ls tan-cream fn xln dn, vsl oolitic, equally weathered and chalky, shales 25%+, blk and dk gry
4780-4790 ls tan-brn fn xln equal amts of chalky ls, assoc. chert 10%, lt gry and tan, fresh, subopaque, shales 40%, dk gry to blk, gry-green, green
4790-4800 ls tan-brn fn xln equal amts of chalky ls, assoc. chert 10%, lt gry and tan, fresh, subopaque, shales 40%, dk gry to blk, gry-green, green
4800-4810 shales 100%, dk gry to blk, gry, calc.
4810-4820 shales 60%, dk gry to blk, calc., some gry-green, ls tan-brn fn xln dn
4820-4830 ls 70%, tan-brn fn and med oolitic, dn matrix, fossilif in part, assoc. chalky ls 20%, shales blk 30%
4830-4840 ls cream-tan fn xln dn, lesser chalky, shales dk gry to blk 20%
4840-4850 ls tan and brn fn and med xln, some w/embedded fossils, lesser chalky, shales 30%, dk gry and blk, gritty and highly included
4850-4860 ls cream-brn fn xln dn, shales 15%, dk gry to blk
4860-4870 ls tan-brn fn xln dn, smooth, assoc. chalk 10%+, shales 5%+, dk gry to blk
4870-4880 ls tan-brn fn xln dn, smooth, assoc. chalk 10%+, shales 5%+, dk gry to blk
4880-4890 ls tan-brn fn xln dn, some weathered, small amts of ls lt gry fn xln, weathered, shales 20%, gry
4890-4900 shales 85%, dk gry, some calc., dk gry to blk 15%, ls dk gry weathered and some brn fn xln dn
4900-4910 ls gry, weathered and lesser ls 15%, tan fn xln dn, shales 10%+, dk gry and blk
4910-4920 ls tan and cream fn xln dn and lesser chalky, shales 15%+, dk gry to blk
4920-4930 shales 85%, dk gry, calc. to blk, ls 15%, brn and tan, lesser gry fn xln
4930-4940 ls lt gry, weathered and gry fn xln dn, shales 25%, blk and dk gry
4940-4950 ls dk gry to dk brn fn xln, some grainy, scattered loose fossil frags, shales 15%, dk gry, some calc. to blk 5%+
4950-4960 ls dk gry to dk brn fn xln, some grainy, scattered loose fossil frags, shales 15%, dk gry, some calc. to blk 5%+
4960-4970 shales 50%, dk gry and blk, ls 50%, dk gry and brn fn xln, some fossilif to weathered, loose fossil frags
4970-4980 ls gry and lesser tan fn xln dn some w/veiny calcite and grainy, fossilif, shales 15%, dk gry
4980-4990 ls gry and lesser tan fn and med xln, some included w/coarse cream ls clasts, sparse fossilif, shales 15%+, dk gry to blk
4990-5000 ls gry and lesser tan fn and med xln, some included w/coarse cream ls clasts, sparse fossilif, shales 15%+, dk gry to blk
5000-5010 ls dk gry and brn fn and med xln w/coarse cream ls clasts, slightly oolitic, shales 25%, dk gry to blk
5010-5020 ls dk gry and brn fn xln dn, fossilif in part, lesser chalky 10%, shales

30%, dk gry, gry, calc. in part
5030-5040 ls gry and dk gry fn xln dn and weathered, traces w/pyrite, shales 30%+, blk
5040-5050 shales blk 70%+, ls dk brn and gry fn xln dn
5050-5060 ls 75%, dk brn and gry med oolitic, uncoated in dn to weathered matrix, some grainy, shales 25%, gry
5060-5070 ls 60%, dk brn and gry med oolitic, uncoated in dn to weathered matrix, some grainy, shales 40%, gry to blk
5070-5080 ls dk brn fn xln dn, lesser gry, some fossilif, shales 30%, blk
5080-5090 ls dk brn fn xln dn, slightly included, shales 25%+, blk
5090-5100 ls dk gry and gry fn xln dn, some grainy, slightly pyritic, shales 20%+, blk, carb. some carb.
5100-5110 ls gry, dk gry and some brn fn xln dn, traces pyritic and included, shales 30%, dk gry to blk
5110-5120 ls gry to brn fn xln dn-weathered, fossilif in part, some chalky w/specks, shales 30%+, dk gry to blk
5120 C.F.S. 30" shales 80%, dk gry to blk 60%, ls 20%, brn and gry fn xln dn, sparse siltstone

5120 C.F.S. 60" qtz 70%, lt gry to lt blue and clear, coarse to very coarse grain, some pebble sized, fractured, some w/secondary overgrowths, subrnd thru sharp, lesser 10%, clustered sst gry-white med grain, poor friability, very poorly sorted, few pcs w/attached pyrite, **selected fractured qtz with small shows of gas on break, fair and some good shows of gas from clustered sand, NO ODOR, NO SHOWS OF OIL, NO FLUOR WET OR DRY, NO CUT,** shales 30%+, dk gry to blk
(Upper Morrow Sand)
HW-380u+, Chrom (C1-85u, C2-25u, C3-0u), 1st recycle
HW-275u+, Chrom (C1-55u, C2-10u, C3-0u), 2nd recycle
HW-200u+, kicked pump out for short trip

5120 C.F.S. 90" qtz 80%+, lt gry to lt blue and clear, coarse to very coarse grain, some pebble sized, fractured, some w/secondary overgrowths, subrnd thru sharp, lesser 10%, clustered sst gry-white med grain, poor friability, very poorly sorted, few pcs w/attached pyrite, **selected fractured qtz with small shows of gas on break**
shales 20%+, dk gry to blk
(Upper Morrow Sand)

CTCH for 60 minutes after DST 1

5120-5130 NO SAMPLE
5130-5140 shales 75%, dk gry-blk, lesser red beds 5%, qtz 10%, milky-lt blue, clear, coarse to very coarse grain, subrnd to some subangular, some fractured, NO CLUSTERED qtz, no fluor wet or dry, no odor, no cut, small shows of gas from fractures
5150-5160 shales 65%, blk, some w/organic matter and dk gry, lt gry some calc. 25%, sparsely pyritic, qtz 20%, clear to lt blue to clear, coarse and very coarse grain, some fractured, subrnd, few w/angular edges, sparse clustered qtz, lt gry med-coarse grain, subrnd, poorly sorted, a couple pcs. w/bright blue-gold fluor wet, oily film on break, no show of gas,

no odor, no cut

5160-5170 shales 80%+, dk gry, some blk, pyritic, lesser calc. 10%+, qtz 5%+, scattered clustered qtz w/bright blue-gold fluor

5170-5180 shales dk gry and blk, lesser blue-gry and pale green, waxy and pyritic, ls 5%, brn and gry fn xln, scattered qtz

5180-5190 shales dk gry and blk, lesser blue-gry and pale green, waxy and pyritic, ls 5%, brn and gry fn xln, scattered qtz

5190-5200 shales gry, some micac. and pyritic, blk 5%, scattered qtz

5200-5210 shales dk gry and some blk, pyritic in part

5210-5220 shales dk gry to steel blue, scattered pyritic

5220-5230 shales gry, dk gry, lesser gry-green, lt gry, blk 2%

5230-5240 shales lt gry, gry-green, slightly included, silty, lesser steel and dk dk gry 30%

5240-5250 shales lt gry-steel gry and blue gry, soft, traces of blk shale

5250-5260 shales 90%, dk gry, sandy to blk, assoc. pyrite, ls 10%, tan-brn fn and med xln, HIGHLY fossilif, w/clear coarse rnd embedded qtz, glauc.

5260-5260 shales lt- blue gry, soft, some lightly pyritic, scattered gry-green

5260-5270 shales 90%, blue-gry, gry, ls 10%, dk brn fn xln dn

5270-5280 shales 90%, blue-gry, gry, ls 10%, dk brn fn xln dn

5290-5300 shales 90%, blue-gry, gry, ls 10%, dk brn fn xln dn

5300-5310 shales dk gry-blue gry

5310-5320 shales dk gry-blue gry

5320-5330 shales dk gry-blue gry

5330-5340 shales 100%, dk gry-blue gry

5340-5350 shales 100%, dk gry-blue gry

5350-5360 shales 100%, dk gry

5360-5370 shales 100%, dk gry, traces w/pyrite

5370-5380 shales 100%, dk gry, sparse shales gry-green, green

5380-5390 shales 100%, dk gry, sparse shales gry-green, green

5390-5400 shales gry, lt gry, some gry-green, sparse ls tan-brn med xln, glauc. and pyritic, blk 10%

5400-5410 shales gry, lt gry, some gry-green, sparse ls tan-brn med xln, glauc. and pyritic, blk 10%

5410-5420 shales gry, lt gry, some gry-green, sparse ls tan-brn med xln, glauc. and pyritic, blk 10%

5420-5430 (Morrow Marine) qtz 80% and lesser sandstone lt gry, some yellow, coarse grain, fractured. lesser fn-med qtz w/assoc. med-coarse ls frags, detrital, subrnd, traces of pyrite, shales 20%, gry

5430-5440 shales 75%, dk gry, gry, qtz, lt gry, clear, coarse grain, subangular to subrnd, fractured in part, traces pyritic, scattered limy sandstone med to coarse grain, pitted w/assoc. med-coarse ls clasts, poorly sorted, glauc.

5440-5450 shales gry, lesser calc., lesser dk gry some lt pyritic, qtz 5%, clear, med-coarser grain, fractured

5450-5460 shales 80%, dk gry, gry, some pyritic, ls tan fn and med xln, glauc., some w/embedded med-coarse qtz, clear, qtz 5%, clear, subrnd, med-coarse grain

5460-5470 shales 80%, gry, dk gry, some silty, ls 20%, tan-brn fn and med xln, highly glauc., sandy to sandstone gry-green fn grain, calc., heavily included w/glauc. and organic matter, fair sorted, tite, qtz 5%, med-coarse

grain, clear

5470-5480 shales 60%, gry, dk gry, limy sand 40%, lt gry w/green tint fn grain, fair sorted, poor friability, shale laminae thru-out, highly glauc. and lightly pyritic, assoc. coarse cream ls clasts to argillac. sandy shales

5480-5490 shales 50%, gry, dk gry, limy sand 45%, lt gry w/green tint fn grain, fair sorted, poor friability, shale laminae thru-out, highly glauc. and lightly pyritic, assoc. coarse cream ls clasts to argillac. sandy shales, ls 5%, cream-lt green fn xln, arenac.

5490-5500 (Miss. Chester) shales 75%, gry, dk gry, siltstone 5%, brick red, lesser pale green, limy sand lt gry w/green tint, vfn and fn grain, highly embedded w/glauc., lt pyritic, assoc. loose qtz

5500-5510 shales 75%, gry, dk gry, siltstone 5%, brick red, lesser pale green, limy sand lt gry w/green tint, vfn and fn grain, highly embedded w/glauc., lt pyritic, assoc. loose qtz

5510-5520 shales 50%, dk gry, slightly pyritic, qtz 20%, clear-lt gry, med and coarse grain, siltstone 20%, rose pink, calc. to ls rose pink maroon fn xln, ls 10%, white and cream fn arenac., vsl included

5520-5530 ls 40%, lt gry fn arenac. lesser siltstone-sandstone rose pink 20%, grades to ls rose pink fn xln, shales 40%, dk gry, some sandy and pyritic, occ. loose fossil frags

5530-5540 ls 90%, lt gry and gry fn arenac., vsl included, some friable and chalky, shales 10%, dk gry, traces pyrite

5540-5550 ls 80%, lt gry and gry fn arenac., vsl included, some friable and chalky, siltstone to sandstone rose pink and brn, shales 10%, dk gry, traces pyrite

5550-5560 ls 85%, lt gry fn arenac., vsl included, some slightly included and oolitic, chert 5%+, orangish-brn to tan, fresh, subopaque-clear, included w/carb. flecks, scattered ls 5%, rose pink fn arenac., silty, argillac., shales 10%, dk gry and blk

5560-5570 ls gry-lt gry fn arenac. and oolitic, becoming more lithified, scattered chert tan and organish brn, fresh, subopaque-opaque, shales 10%, dk gry to blk

5570-5580 ls lt gry and gry fn arenac., vlt oolitic, some chalky, sparse chert, clear, shales blk 5%

5580-5590 ls lt gry and gry fn arenac., vlt oolitic, some chalky, sparse chert, clear, shales blk 5%

5590-5600 ls lt gry fn arenac., some arenac. and oolitic, chalky in part, shales 5%+, blk

5600-5610 ls lt gry fn arenac., some arenac. and oolitic, chalky in part, shales 5%+, blk

5610-5620 (MSTL) ls tan fn and med oolitic, ringed and uncoated in dn spar matrix, some weathered and elongated, loose ooids 15%, lesser ls lt gry fn arenac., scattered chert orangish-brn fresh, shales blk 5%

5620-5630 ls tan fn and med oolitic, ringed and uncoated in dn spar matrix, some weathered and elongated, loose ooids 15%, lesser ls lt gry fn arenac., shales blk 5% and small amts of lt green shale

5630-5640 (MSTL "B") **faint odor**, ls tan and cream fn and med oolitic, ringed, subopaque, most uncoated, lesser chalk **w/bright blue fluor**, scattered fair to good interparticle porosity, **15% w/sptd and even bright yellow-gold fluor wet,**

dull sptd fluor dry, selected pcs. w/very small shows of light and some tan oil on break, tan sptd stain, NO GAS INCREASE

5640-5650 ls lt gry fn and med oolitic, subopaque tan ooids in weathered and dn matrix, equal amts ls lt gry fn arenac. and oolitic, no shows

5650-5660 ls tan fn and med oolitic, subopaque ooids, some coated, sandy, vsl glauc. grades to fn arenac. and oolitic, **2-3% w/yellow fluor wet, no shows of oil or gas,** sparse shales

5660-5670 ls tan fn and med oolitic, subopaque ooids, some coated, sandy, vsl glauc. grades to fn arenac. and oolitic, sparse shales

5670-5680 ls cream and tan fn and med oolitic and fn arenac., weathered to some chalky, scattered chert tan, fresh, subopaque to clear, sharp, shales blk 2%

5680-5690 ls cream and tan fn and med oolitic and fn arenac., weathered to some chalky, scattered chert tan, fresh, subopaque to clear, sharp, shales blk 2%

5690-5700 ls cream-tan fn arenac., lesser fn oolitic and arenac., uncoated ooids some w/attached orange chert, 5%, orange, fresh, opaque-subopaque, fractured, shales blk 5%

5700-5710 ls brn and tan fn arenac., dn, lesser ls brn med oolitic and arenac., some ls cream fn-med oolitic, coated w/clear spar matrix, lesser ringed, traces of glauc., no shows

5710-5720 ls lt gry fn xln dn, lesser ls lt gry fn and med oolitic and arenac., dn grades to chalky, scattered shales blk 5%

5720 C.F.S. 30" ls lt gry-cream fn and some med xln, lesser ls cream fn arenac. and med oolitic in dn matrix, shales blk 5%

5720 C.F.S. 60" ls lt gry-cream fn and some med xln, lesser ls cream fn arenac. and med oolitic in dn matrix, shales blk 5%

Submitted by Kenneth M. LeBlanc, Petroleum Geologist, 11-27-00

Presco-Western, LLC
Levis 1-1211
App. NE NW SW
Sec. 11-T29S-R40W
Stanton County, Kansas

November 22, 2000

One (1) foot drill time from 3700 feet to R.T.D.
--*- denotes missing drill time

3700-3720	3-4-4-3-4-3-3-4-3-3	3-3-3-3-4-3-3-3-3-3
3720-3740	3-3-3-3-2-3-2-5-4-4½	4-4½-4-*-*-*-*-*-*-3
3740-3760	4-2½-3½-3½-3-3-3½-4-4-2	1-2½-3½-2-3-2½-2½-2-2½-2½
3760-3780	2-3-4-3-3½-3½-3-3-3-*	2-1-2½-3½-3½-2½-3-3-1-2
3780-3800	2-1-2-1-2-1-1½-2½-2-2½	1½-2-1½-1-1½-1½-1½-1½-1½-1½
3800-3820	1½-1-2-3½-3½-3-4½-3½-2½-3½	3½-3½-4½-2½-4-2½-3½-3-4-3½
3820-3840	3-3-3-3-2½-2½-3-3-3-4	3-4-2-1-1-2-3-3-3-4
3840-3860	3-3-3-3-2-3-1-2-2-½	1½-2-2-2-2-2-4-4-2½-3-2½
3860-3880	3-3-3-3-4-3-4-3-3-2	2½-3-2½-2-3-3-2-3-3-2
3880-3900	2½-2½-2½-2½-2½-2½-2½-4-3½-3½	3½-3-3½-3½-2-2-2-3-3-4
3900-3920	3-4-3-4-3-3-3-4-3-4	3-6-2-4-3-4-3-4-3-3
3920-3940	4-4-3-4-3-2-2-3-4-2	2-2-3-2-3-3-2-3-2-3
3940-3960	2-2-3-3-3-2-2-2-2-2	2-3-1-3-1-1-2-2-1-1
3860-3980	2-2-1-3-1-2-1-2-2-2	1-2-2-1-2-4-3-3-2-4
3980-4000	1-4-3-3-1-1-2-1-2-½	1½-½-2-1-2-2-1-1-1-1
4000-4020	2-1-1-1-1-1-2-1-1-1	2-1-1-2-1-2-1-1-½-1
4020-4040	2-1-1-1-1-1-1-1-1-1	2-1-1-1-2-1-1-1-1-1
4040-4060	1-1-2-1-1-1-2-3-5-4	2-3-3-2-4-2-4-2-4-1
4060-4080	1-½-½-½-½-½-½-2-4-5	3-5-2-5-4-5-3-5-3-5
4080-4100	2-2-4-2-3½-2½-2-2-3-3	2-3-3-3-5-3-4-3-5-3
4100-4120	3-2-3-3-4-4-4-4-4-3	4-4-2-2-4-4-4-3-4-4
4120-4140	4-4-4-4-4-3-4-3-4-4	3-4-4-4-4-3-3-3-4-3
4140-4160	4-4-4-2-2-2-2-4-4-3	4-4-4-4-3-4-3-4-3-4
4160-4180	3-4-4-3-3-4-3-3-4-3	3-3-3-3-3-3-2-3-3-4
4180-4200	4-4-4-4-3-3-2-2-2-2	2-3-2-3-1-1-1-1-2-3
4200-4220	4-4-3-4-5-5-2-4-4-4	4-3-3-3-3-2-2-2-1-1
4220-4240	½-½-½-½-½-½-½-½-½-½	½-½-½-½-½-½-½-½-½-½
4240-4260	½-½-½-½-½-1-1-1-1-2	2-2-2-1-2-2-3-2-3-3
4260-4280	2-3-4-4-4-4-8-5-4-4	4½-4-4½-3-3-3-4-4-4-4
4280-4300	4-4-4-4-2-3-3-2-2-2½	4½-4-3-3-4-3-3-2½-2½-3
4300-4320	3-3-3-3-3-2-3-2-3-3	3-2½-2½-3-2-3-2-3-3-3
4320-4340	2-½-½-½-½-1-1-1-3-2	3-2-3-2½-2½-2½-3½-2-2-2
4340-4360	2-1-1½-1½-2-1½-3-5½-2-2½	2½-3-3½-3-3½-3½-4-3-*-2
4360-4380	6-2-5-4-4-3-3-3-2½-2½	3-2½-2½-2-2-3-2-2-2-2
4380-4400	2½-1½-3-3-3-3-4-3-*-1	5-3-4-3½-3½-2½-2½-3-3-2
4400-4420	2-2½-2½-3-2-3-3-3-2	2-3-4-3-2½-1½-2-1½-3-2½
4420-4440	*-2-2-3-2-2½-3½-3-4-2½	2½-3-2-2-2-1½-2½-2-½-½
4440-4460	½-½-½-½-½-½-½-½-½-½	2-2-1½-½-2½-2-3-3-3-3
4460-4480	2-3-4-2-3-3-3-3-3-3	3-2-3½-2½-5-2-3-2-3-1½
4480-4500	2-3-1-2-1-2-3-4-3-4½	3½-5-2-5-4-5-4-4-3-4½
4500-4520	3½-5-3-5-3½-5½-4-6-4-5	4-5-3-2-2-6-2-3-2-4
4520-4540	2-4-2-4-3-5-2-4-3-3	3-5-2-3-2-3-2-3-3-3

4540-4560	4-3-2-5-2-2-3-3-4-2	4-3-4-4-2-3-3-3-1-2
4560-4580	2-2-1-2-2-3-2-3-4-3	2-4-2-5-2-2-2-4-3-4
4580-4600	3-4-4-3-1-1-2-3-1-4	2-4-3-4-3-5-4-3½-3½-5
4600-4620	3-3-2-3-3-2-3-4-4-3	4-4-4-4-3-3-5-3-4-4
4620-4640	2-3-3-3-4-2-3-3-3-4	2-3-3-3-4-3-3-3-4-4
4640-4660	3-4-4-4-3-4-5-3-4-4	4-4-3-4-3-4-4-3-3-4
4660-4680	4-4-4-3-4-3-4-3-4-3	3-3-2-3-2-3-2-3-3-3
4680-4700	2-3-2-3-2-3-3-3-3-2	3-3-3-3-3-2-3-2-6-3
4700-4720	3-4-3-4-4-4-5-4-4-4	3-4-3-3-4-3-3-4-3-3
4720-4740	4-3-3-4-3-3-4-3-3-2	3-2-4-2-4-3-3-2½-2½-4
4740-4760	3-3-4½-3-3½-4-2-4-3-4	3-3½-4-3½-3-3-1½-1½-2-1
4760-4780	1½-2½-2-4-2-2-2-2½-3½-3	4-3-4-3-4-4-3-3-3-4
4780-4800	3-3-3½-3½-4-3-5-2-3-2	3-3-4-2-4-3-3-3½-2½-4
4800-4820	3-4-3-4-3-4-3-4-4-3	2-4½-2½-3½-2½-3-4-4-3-2
4820-4840	2½-3½-2½-3½-2-3-3-3½-3½-1½	3½-2-3-4-4-4-4-3-3½
4840-4860	3½-3-4-4-3-3-4-4-4-3	2-2-4-2½-5½-4-2-6-5-5
4860-4880	4-4½-5-5½-6-3-5-6-4½-5½	4-5-5-6-5½-6-6-6-5-3
4880-4900	5-5-2-6-4-5-3-4-4½-3½	5-5-5-3-4-5-3-4-3½-1½
4900-4920	6-3-4-4-5½-3½-5-2-4½-3½	2-2-4-4-3-4-4-4-3-4
4920-4940	5-3-4½-2½-6-4-3-9-6-4½	8½-4-10-8-9-4-2-3-2-4
4940-4960	2-2-2-3-4-2-4-3-4-3	4-3-4-2-2-2-3-1-1-2
4960-4980	1½-2½-4-2-3-6-5-2-6-2	5-2-2-2-1-1-4-2-3-3
4980-5000	2-1-3-1-4-3-1-3-1-½	½-½-½-1-1-3½-1½-4-3-2
5000-5020	4½-3½-5-*-*-3-3-3-4-5	1-3-4-5-6-5-4-5-6-4
5020-5040	3-6-7-8-6-9-7-3-5-5	6-*-*-*-4-3-2-4-3-2
5040-5060	2-4-4-5-4-5-3-3-3-3	3-4-4-4-4-4-4-4-3-4
5060-5080	3-3-3-4-4-4-4-3-4-3	3-4-5-4-4-4-4-4-4-4
5080-5100	5-4-5-5-5-3-4-5-4-5	4-4-5-4-4-4-2-2-1½-½
5100-5120	1-1-1½-1-1-1½-1-1-1½-1	1½-1-1½-1-1-1½-1-1-½-½
5120-5140	1-1-1-1-1-1-1-1-2-3	4-4-4-4-5-5-4-5-3-3
5140-5160	2-2-2-1-2-2-2-2-2-2	2-2-2-2-3-3-3-2-3-2
5160-5180	2-3-3-2-3-3-4-3-2-2	3-2-3-2-3-2-3-2-2-2
5180-5200	2-3-2-2-2-2-3-2-3-1	2-3-2-2-3-2-2-3-2-2
5200-5220	2½-2½-2-3-2-1½-2½-2-2½-2	2½-2-1-2-2-3-4-3½-2½-3
5220-5240	2-2½-2½-2-2-3-2-2-2	2-2-2-1½-2½-1½-2½-2-2
5240-5260	2-3-2½-1½-3-4-4-3-3-2	4-5-3-2-3-3-2½-2½-3½-1½
5260-5280	3-3-2-3-2-2-3-2½-2½-2½	2½-3-3-2-3-3-3-3-2-*
5280-5300	5-3½-2½-3-3-3-3-3-3-3	3-3-3½-3½-2½-3½-2-4-3-5
5300-5320	2-2-3-3½-3½-3½-3½-4-3-*	3-2-3-2-2-2-3-2-2-2
5320-5340	3-2-3-3-3-2-3-3-2½-3	3-2½-3-3-3-3-3-3-3-3
5340-5360	2-1-1-5-2-3-2-3-3½-3½	3-3-3½-3½-4-2-4-4-4-3
5360-5380	4-3-5-3-3-2-3-2-3-1	3-2-3½-1½-2-1-4-2½-2½-1
5380-5400	2-2-1-2-2-1-2-1-2-1½	1½-1½-1½-1-2-1-2-2-1-2
5400-5420	2-1-2-1½-1-1-3-2-2½-1½	2½-1½-1-1-1½-1½-3-1-1-3
5420-5440	3-4-3-4½-4½-4-2-1-2-1½	2½-2½-2-1-2-2-2-2-2-2
5440-5460	1-2-2-2-2-3-3-2-3½-2½-5	2½-4½-2-3½-2½-3-2-3-3-4
5460-5480	4-4-6-4-4-4-4-3-4-4	4-1-5½-2½-5-4-5-4-4½-4½
5480-5500	4-4-5-3-4-4-5-3-5-3	5-4-4½-*-2-5½-3½-4-4-4
5500-5520	5-3-5-5-5-3-3½-3½-4-4	4-4-5-3-4-4-4-3-4-4
5520-5540	3-4-4-3-3-4-8-6-3-6	2-4-4-7-4-5-6-7-5-6

5540-5560	6-6-5-7-5-6-6-5-5-5	4-7-7-3-7-5-4-3-4-5
5560-5580	4½-2½-5-6-5-5-3-5-4-4	5-3-6-4-4-6-5-5-5-5
5580-5600	5-5-5-5-5-5-5-3-6-5	3-5-5-5-3-5-4-4-5-3
5600-5620	3½-6-4-4-4-5-5-5-5-4	3-5-4-4-2-3-6-5-4-9
5620-5640	10-4-6-6-7-7-6-6-6-3	5-6-6-6-4-4-10-5-5-5
5640-5660	4-8-5-5-4-8-5-*-*-3	6-6-6-6-6-6-6-7-6-5
5660-5680	6-6-6-5-6-4-7-6-6-7	4-7-7-6-4-7-7-6-9-6
5680-5700	3-3-7-7-5-6-8-5-6-5	5-6-5-6-5-5-5-4-7-4
5700-5720	7-5½-4½-5-5-7-5-6-3-7	2-1-2-3-2-4-3-4-2-4 RTD 5720

DST 1) 5090 - 5120 (Upper Morrow Sand)

Times: 15-45-30-90

1st open: strong blow OBOB immediately, GTS/3"

	time	orfice (Merla)	PSIG	volume	
	03"		--	GTS	
	05"	2.0 inch	30 lbs	4.529 MMCFG	
	10"	2.0 inch	54 lbs.	6.990 MMCFG	
	*15"	2.0 inch	68 lbs.	8.426 MMCFG	

*-took gas sample, DID NOT ATTEMPT TO BURN
(sent to Caraway Labs, Liberal, KS)

	time	orfice (Merla)	PSIG	volume	
2nd open:	05"	2.0 inch	40 lbs.	5.554 MMCFG	
	10"	2.0 inch	60 lbs.	7.605 MMCFG	
	15"	2.0 inch	66 lbs.	8.220 MMCFG	misting
	20"	2.0 inch	66 lbs.	8.220 MMCFG	""
	25"	2.0 inch	71 lbs.	8.730 MMCFG	""
	30"	2.0 inch	74 lbs.	8.964 MMCFG	""

Rec: 10' Muddy Condensate (90% gas, 10% mud)
120' Water (100% water)
130' Total Fluid

chlorides of formation fluid: 19,000 ppm
chlorides of mud system: 900 ppm
resistivity of formation fluid: 0.467 at 56 degrees F

AK-1 (mechanical)		Alpine (electronic)		-- RECORDERS
IHYD: 2580	psi	IHYD: 2512	psi	
IFP: 1135-1156	psi	IFP: 1066-1149	psi	
IBHP: 1489	psi	IBHP: 1504	psi	
FFP: 1135-1108	psi	FFP: 1081-1188	psi	
FBHP: 1489	psi	FBHP: 1501	psi	
FHYD: 2453	psi	FHYD: 2389	psi	

TEMP: 121 degrees F

Tester: Mike Colantonio, Trilobite Testing L.L.C., Hugoton, KS District

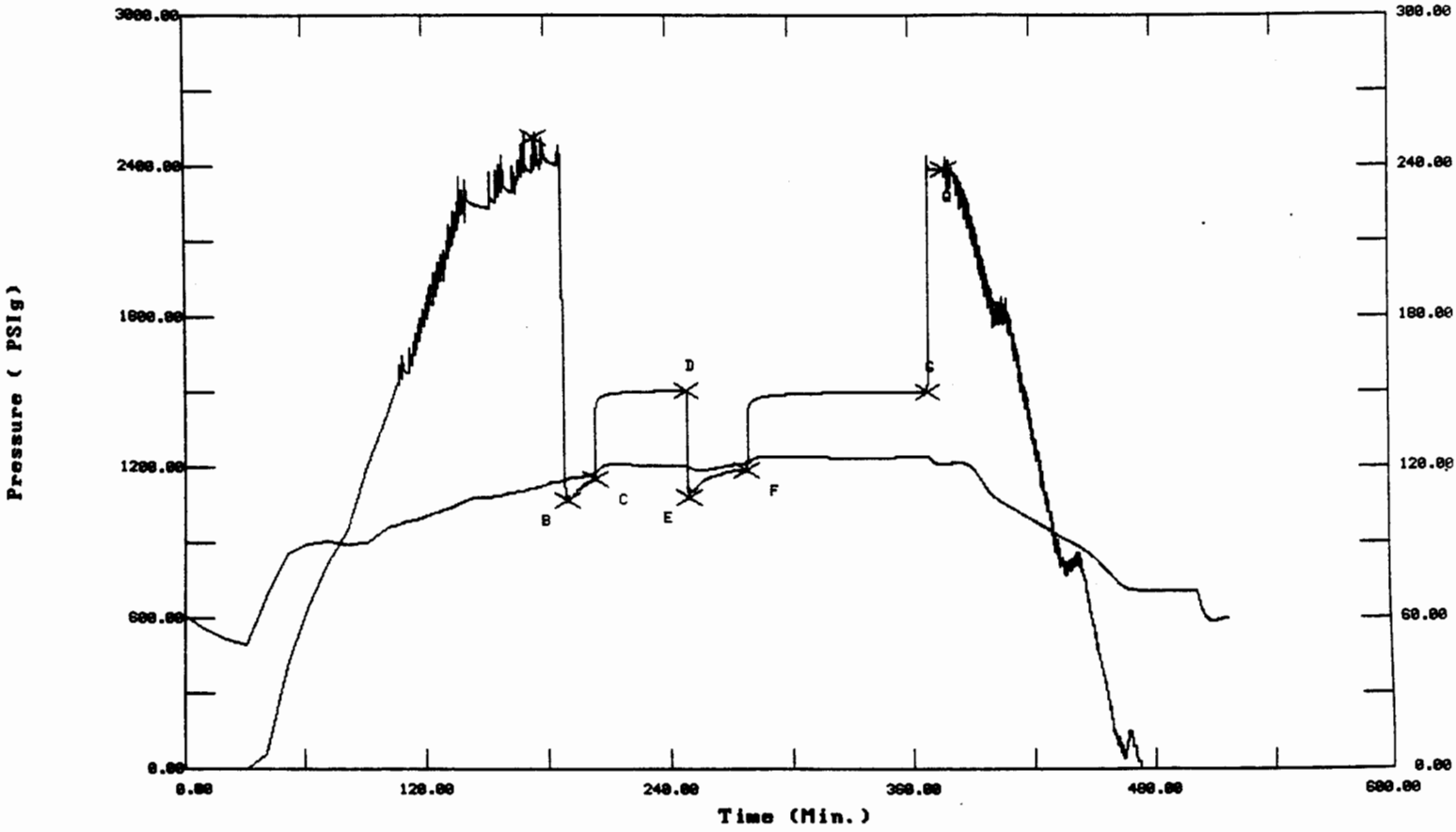
Note: conventional DST (dual packers, safety joint, jars, electronic recorders, circulating sub), **NO BOTTOM SAMPLER**

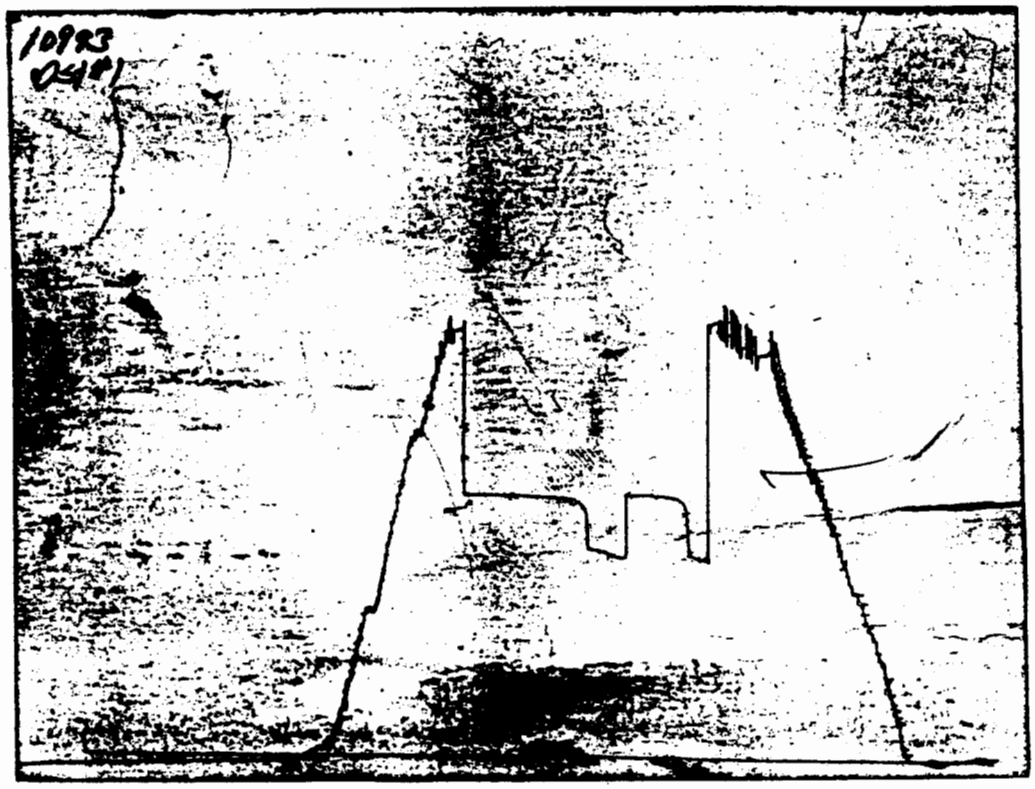
TEST HISTORY

12253 DST #1 Levis #1-1211 Presco Western LLC.

Flag Points

	T(Min.)	P(PSIg)
A:	0.00	2512.20
B:	0.00	1066.37
C:	13.50	1149.91
D:	45.50	1504.55
E:	0.00	1081.62
F:	28.50	1188.02
G:	90.00	1501.93
Q:	0.00	2389.53





DST 1 CHART (MECHANICAL)

GAS RECOVERY

COMPANY: Presco Western LLC. DATE: 11-24-00
WELL NAME: Levis #1-1211 KB Elev: 3271.00 ft TICKET #12253 DST ##1
WELL LOCATION: 11-29S-40W GR Elev: 3260.00 ft FORMATION: Upper Morrow
INTERVAL Fr.: 5090.00 To 5120.00 T.D.: 5120.00 ft TEST TYPE: CONVENTIONAL

GAS RECOVERY MEASURED WITH MERLA DATA

***** GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
5	2.00	30	0	4529000.0
10	2.00	54	0	699042.0
15	2.00	68	0	842635.0

***** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
5	2.00	40	0	555490.0
10	2.00	60	0	760594.0
15	2.00	66	0	822060.0
20	2.00	66	0	822060.0
25	2.00	71	0	873006.0
30	2.00	74	0	896466.0

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Levis #1-1211

LOCATION : 11-29S-40W

TICKET No. 12253 D.S.T. No. #1 DATE 11-24-00

TOTAL TOOL TO BOTTOM OF TOP PACKERS 27

INTERVAL TOOL .....

BOTTOM PACKERS AND ANCHOR 30

TOTAL TOOL 57

DRILL COLLAR ANCHOR IN INTERVAL .....

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY .....

D.C. ABOVE TOOLS.Stands6 Single Total 399

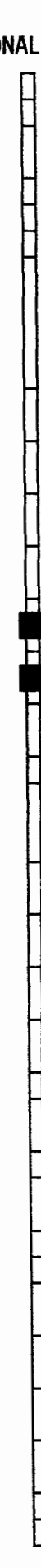
D.P. ABOVE TOOLS.Stands76 Single 1 Total 4700

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5156

TOTAL DEPTH 5120

TOTAL DRILL PIPE ABOVE K.B. ..... 36ft.

REMARKS:



P.O. SUB Top tool @	5063
C.O. SUB 1ft	5064
S.I. TOOL Sterling	5069
HMV Sterling	5074
JARS Sterling	5079
SAFETY JOINT Bowens	5081
PACKER 5ft	5085
PACKER 5ft	5090
DEPTH	
STUBB 1ft	5091
ANCHOR	
2ft Perf	5093
Alpine Rec. @	5093
T.C.	
DEPTH	
5ft PU Sub	5098
10ft Perf	2058
BULLNOSE AK-1 Rec @	5958
T.D. 2ft Bullplug	5960