API 15-187-209430000
Presco-Western, LLC
Dewell 1-132
SW SW SW
(330 FSL & 330 FWL, Sec.)
Sec. 2-T29S-R40W
Stanton County, Kansas
December 2000

TABLE OF CONTENTS

General Well Data

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

Project or Company Geologist: Mr. Van Leighton/Dick Gray

A.P.I. and Well Name: 15-187-209430000, Dewell 1-132

Prospect or Field Name: Wildcat

Location: SW SW SW, Sec. 2-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 1.9 miles to location entrance, east into 330 ft

Elevation: KB 3276, DF 3258, GL **3265**, 11' GL to KB

Spud Date: Friday, December 1, 2000, 3:30 AM
Completed: Monday, December 11, 2000, 9:45 PM

Total Depth: Rotary: 5699 feet, Logged: 5680 feet,
(due to loss circulation at 5699, RTD was stopped short of a permitted depth of 5720, elogs suites were run down to 5680 short of RTD to prevent possible wall sticking of logging tools)

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 762.96 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 41 jts. New, 8-5/8", 23#, Grade "H", ST&C tallied at 1705.00 feet, set at 1705.00 feet, cemented w/550 sxs, 3% CC + $\frac{1}{4}$# sx flocele + 150 sxs Class A, 3% CC, Plug Down at 1:30pm, Saturday, 12-02-00, Cement Did Circulate by Allied Cementing

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

Drilling Engineer: Mr. 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 5699 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 5699 feet

Gas Detector: MBC Well Logging and Leasing
P.O. Box 956
Meade, Kansas 67864
(Unit M-0, Hotwire & Chromatograph)

Cores: NONE, Core Retrieval: NONE

(D)rill (S)tem (T)ests: Trilobite Testing Co., LLC
Tester: Darren Amerine, Pratt, KS District
DST 1)5395-5431 - Morrow Marine (straddle)
DST 2)5470-5530 - Basal Morrow Sand

Elogs: The Rosel Company, Liberal, Kansas
Engineer: Mark W. Miller
Crew: Ray Schreibrogel

Logging acheived with two (2) passes over the borehole
Surveys: Dual Induction Log/GR
Compensated Neutron/Density Log
(logging began at 5680 due to loss circulation at 5699)

Water: irrigation well on northwest edge of location

Fuel: Besthorn O&G Company, Claflin, Kansas

Production: Plug and Abandon

100 sxs at 3000 ft - B/Council Grove
50 sxs at 1710 ft
30 sxs at 690 ft
10 sxs at 40 ft
15 sxs in rathole
10 sxs in mousehole
215 sxs Total cement 60/40 POZ 6% gel

by Allied Cementing

For KCC Use:
Effective Date: 11-20-2000
District #
SGA? Yes [X] 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: November 20, 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) 864-1881 Ext. 103

CONTRACTOR: License# 31572
Name: Big A Drilling

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

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

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

Spot: [ ] East [X] West
QW . SW . SW Sec. 2 Twp. 29 S R. 40
330 feet from (S) / N (circle one) Line of Section
330 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: Dewell Well #: 1-2
Field Name: Unnamed
Is this a Prorated / Spaced Field? [ ] Yes [X] No
Target Formation(s): St. Louis
Nearest Lease or unit boundary: 330'
Ground Surface Elevation: 3265.2 feet MSL
Water well within one-quarter mile: [ ] Yes [X] No
Public water supply well within one mile: [ ] Yes [X] No
Depth to bottom of fresh water: 460
Depth to bottom of usable water: 620
Surface Pipe by Alternate: X 1 2
Length of Surface Pipe Planned to be set: 1600'
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 [X] No
If Yes, proposed zone:

RECEIVED
STATE CORPORATION COMMISSION

AFFIDAVIT * PRORATED AND SPACED IN CHASE AND COUNCIL GROVE.

NOV 13 2000

CONSERVATION DIVISION
Wichita, Kansas

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: 11-8-00 Signature of Operator or Agent: [signature] Title: President

For KCC Use ONLY
API # 15 - 187-20943-0000
Conductor pipe required NONE feet
Minimum surface pipe required 620 feet per Alt. (1) X
Approved by: JK 11-13-2000
This authorization expires: 5-15-2001
(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.

2 29 40W

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

API 15-187-209430000
Presco-Western, LLC
Dewell 1-132
SW SW SW
(330 FSL & 330 FWL, Sec.)
Sec. 2-T29S-R40W
Stanton County, Kansas
December 2000

Formations	Sample Tops	Corrected Sample Tops	Elog Tops
B/Surface casing	1705		1712
Heebner Shale	3725	3732	3728 - 452
Toronto Ls	3753		3747 - 471
Lansing	3826		3824 - 548
Marmaton Ls	4392		4386 - 1110
Cherokee Shale	4556		4556 - 1280
Morrow Shale	5076		5074 - 1798
Upper Morrow Sand	ABS		Absent
Morrow Marine	5394	5384	5380 - 2104
Basal Morrow Sand	5470		5466 - 2190
Miss. Chester	5511	5499	5496 - 2220
Miss. St. Genevieve	5543		5544 - 2268
Miss. St. Louis	5632	5638	5641 - 2365
RTD, LTD	5699		5680 - 2457

Due to loss circulation zone at RTD, logging suites on both runs began shy of RTD

API 15-187-209430000
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Dewell 1-132
SW SW SW
(330 FSL & 330 FWL, Sec.)
Sec. 2-T29S-R40W
Stanton County, Kansas
December 2000

FORMATION TOPS, Control Wells -)	**"A"**	**"B"**
Presco-Western, LLC	Presco-Western, LLC	Hugoton Energy.
Dewell 1-132	Levis 1-1211	Westwind 1-12
SW SW SW	App. NE NW SW	C SE NE
Sec. 2-T29S-R40W	Sec. 11-T29S-R40W	Sec. 12-T29S-R40W
Stanton Co., KS	Stanton Co., KS	Stanton Co., KS
KB 3276 GL-KB 11'	KB 3271	KB 3240

Formation Tops **(drill time & sample)**		elog	(+/-)	elog	(+/-)
Heebner Shale	3725- 449	3725- 454	(+05)	3760- 520	(+71)
Toronto Ls	3753- 477	3748- 477	(+00)	3778- 538	(+61)
Lansing	3826- 550	3822- 551	(+01)	3854- 614	(+64)
Marmaton Ls	4392-1116	4397-1126	(+10)	4432-1192	(+76)
Cherokee Shale	4576-1300??	4576-1305	(+05)	4596-1356	(+56)
Cherokee Sh-rev	**4556-1280**		**(+25)**		**(+76)**
Atoka Ls	4926-1650	4937-1666	(+15)	4992-1752	(+102)
Morrow Shale	5076-1800	5101-1830	(+30)	5162-1922	(+122)
Upr Morrow Sand	Absent	5107-1837	(---)	Zone	
Morrow Marine	5394-2118	5409-2138	(+20)	5483-2243	(+125)
Basal Morrow Sand	5470-2194(29)	Absent		5553-2313	(+119)-zone
Miss. Chester	5511-2235	5476-2205	(-30)	5618-2378	(+143)
Miss. St. Gen.	5543-2267	5512-2241	(-26)	5634-2394	(+127)
Solid St. Gen.	5560-2284				
Miss. St. Louis	5632-2356	5605-2334	(-22)	5693-2453	(+097)
MSTL "B"	5643-2367	poorly developed		not developed	
MSTL "C"	5693-2417	not developed		5762-2522	(+105)
RTD	5699-2423, due to loss circ., Run Elogs, then P&A				

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

Thu. 11-30-00	MIRT, Rig Up, Spud 3:30am, 12-1-00	
Fri. 12-01-00	Drilling at 255',	255' last 24 hrs
Sat. 12-02-00	1705, Run 8-5/8" csg.	1450' last 24 hrs, Set 8-5/8" at 1705'
Sun. 12-03-00	Drilling at 2000',	295' last 24 hrs
Mon. 12-04-00	Drilling at 2990',	990' last 24 hrs
Tue. 12-05-00	Drilling at 3590',	600' last 24 hrs
Wed. 12-06-00	Drilling at 4135',	545' last 24 hrs
Thu. 12-07-00	Drilling at 4615',	480' last 24 hrs
Fri. 12-08-00	Drilling at 5025',	410' last 24 hrs
Sat. 12-09-00	5480'-CFS,	455' last 24 hrs, DST 1)5395-5431
Sun. 12-10-00	5530'-TIH a/DST 1,	050' last 24 hrs, DST 2)5470-5530
Mon. 12-11-00	5530'-TIH a/DST 2,	000' last 24 hrs, LOST CIRC. at 5699, RTD 5699 at 9:45pm, total 350 bbls mud, pulled 20 stands, borehole filled up, ran out of make-up water, rig components frozen
Tue. 12-12-00	5699 - decision made to TD at 5699, trip into surface csg, cannot circ. mud, rig frozen solid, Rosel Co. on loc. at 11:45am, went back to Liberal, KS, on standby, mixed mud and built volume, called Rosel Co at 11:30pm, begin logging run at a depth of 5680 at 3:30am with dual induction log, made two passes over lower interval, pulled tool string out of hole to inspect gamma ray tool, replaced gamma ray tool	
Wed. 12-13-00	5699 - Rosel Co. running open hole logs (Neutron/Density suite), Decision made to Plug and Abandon	

SUMMARY:

The Presco Western, LLC, Dewell 1-132 was drilled to a vertical total depth of 5699 feet, sufficient to penetrate the localized porosities within the Miss. St. Louis formation.

The primary zones of interest for the Dewell 1-132 was the Basal Morrow Sand with secondary targets in the Marmaton, Upper Morrow Sand and Miss. St. Louis formation.

Key control used for reference included the Hugoton Eng., Westwind 1-12 in the CSENE, Sec. 12, drilled 6/94 and the Presco Western, Levis 1-1211 in SW/4, Sec. 11, drilled in 12/2000. The Presco Western, Dewell 1-132 ran structurally high to both control well down to the Basal Morrow Sand. At this horizon a divergence in structural position took place with the Dewell 1-132 thickening in the Basal Morrow section. From this point on the Dewell 1-132 ran low to the Levis 1-1211 through RTD. A Basal Morrow Sand in excess of twenty (20) feet was identified. This sand was targeted from a 3D survey across the area. Sand quality present in the Dewell 1-132 represented mostly esturine deposits with a hint of valley fill type sand present in samples. A negative DST taken over the Basal Morrow Sand proved to be NON-COMMERCIAL. Nearby valley fill deposit may be present as modeled from the Collingwood Valley sands in T30S-R39W.

Severe loss circulation was encountered in the Miss. St. Louis "C" zone. The lithology representing this interval was unable to be interpreted for shows. Circulation was regain sufficient to fill the borehole with drilling fluids and proceed with running open hole logs. No downhole obstruction or problems were encountered with the logging of the Dewell 1-132. All significant shows were evaluated by DSTS. The Presco Western, Dewell 1-132 was plugged and abandoned.

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. **NONE WERE OBSERVED.**

Daily Mud Properties

Date	Depth	WT	VIS	PV	YP	PH	WL	Solids	Chl	Cal	LCM	Costs
11-30-00	000	Spud	Mud									00.00
12-01-00	410	9.6	32	05	12	8.0	NC	9.3%	1200	200	8#	2,034.00
12-02-00	1705	10.0	34	05	12	7.0	NC	12.0%	2000	400	0#	4,125.00
12-03-00	2110	8.7	26	00	00	8.0	NC	2.2%	12000	460	0#	4,615.00
12-04-00	3029	9.6	32	05	12	8.5	NC	8.5%	12500	1000	5#	5,930.00
12-05-00	3640	9.4	38	10	12	8.5	15.0	7.5%	6000	100	4#	7,674.00
12-06-00	4140	9.3	42	14	10	10.5	6.8	7.0%	3500	120	8#	9,665.00
12-07-00	4625	9.2+	40	14	10	10.0	6.0	6.5%	2000	120	8#	13,049.00
12-08-00	5025	9.2	38	11	12	9.5	6.0	6.3%	2000	120	6#	15,016.00
12-09-00	5530	8.9+	49	14	19	9.0	6.8	5.0%	1500	60	6#	18,016.00
12-10-00	5530	9.0	57	15	17	9.0	10.0	4.8%	3500	140	6#	18,327.00
12-11-00	5580	9.0	59	15	18	9.0	9.6	5.0%	3600	120	8#	18,769.00
12-12-00	5699	8.9	57	14	18	9.2	8.8	4.0%	2700	120	12#	20,985.00
12-13-00	5699	8.9	45	12	16	9.5	9.6	4.2%	2500	160	10#	23,127.00

Bit Record

Num.	Make	Type	Size	Jets	Out	Footage	Hours
1	Varel	L117	12-1/4"	14-14-14	1705	1705	19
2	Smith	ER5754PS	7-7/8"	14-14-B	5699	3994	145-1/4
			Total Bit Hours--)			5699	164-1/4

Average Penetration Rate: B/Surf. Csg. to RTD: 27.49 ft/hr
surface (00) to RTD: 34.69 ft/hr

Deviation Record

1705 - 3/4 degrees - dropped 5530 - 1 degrees - dropped
5699 - NONE

Pipe Strap

5530 - 1.54 feet long to board, NO Correction??

Loss Circulation

5699 - 350 bbls+ in MSTL "C"

Presco-Western, LLC
Dewell 1-132
SW SW SW, Sec. 2-T29S-R40W
Stanton County, Kansas

Depth at 7 AM, 4615 feet, 480 feet last 24 hours, Temp 27 deg, lt clds w/sun, dry
Current Activity - drilling ahead in Cherokee interval

Rig Mud Check - WT. 9.0, VIS 42, LCM 12#, at 4602 ft. at 06:30 AM

ENGINEERING MUD PROPERTIES at 4140 ft. for Wed. Dec. 06, 2000 at 7:00 AM
****ENGINEERING MUD REPORTS ARE FROM PREVIOUS DAY****
Baker-Hughes, INTEQ: Eng: David Blanton cell(806-984-4431), HM(316-624-1614)

Mud Wt.- 9.3 ppg	Vis. - 42 sec/qt	PV	- 14
YP - 10 lbs/100cu/ft2	W.L. - 6.8 cm3/30 min.	Solids	- 7.0%
CHL - 3500 PPM	LCM - 8 lbs/bbl		

Cumulative Mud Cost $9,665.00 w/trucking, cost last 24 hrs, $1,991.00

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 ER5754PS IN at 1705 ft, (HOB 94-1/2 hrs)
Bit Jets - B-14-14
W.O.B. - 40 KLBS
R.P.M. - 80 RPM
P.Press.- 1000 LBS
S.P.M. - 62 STKS

MISC.
C.F.S. at (NONE)
Deviations at 1705 - 3/4 degrees - dropped
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		Presco-Western, LLC	Hugoton Energy.
Dewell 1-132		Levis 1-1211	Westwind 1-12
SW SW SW		App. NE NW SW	C SE NE
Sec. 2-T29S-R40W		Sec. 11-T29S-R40W	Sec. 12-T29S-R40W
Stanton Co., KS		Stanton Co., KS	Stanton Co., KS
KB 3276 GL-KB 11'		KB 3271	KB 3240
Heebner Shale	3725- 449	3725- 454 (+05)	3760- 520 (+71)
Toronto Ls	3753- 477	3748- 477 (+00)	3778- 538 (+61)
Lansing	3826- 550	3822- 551 (+01)	3854- 614 (+64)
Marmaton Ls	4392-1116	4397-1126 (+10)	4432-1192 (+76)
Cherokee Shale	4576-1300??	4576-1305 (+05)	4596-1356 (+56)

NO SAMPLE SHOWS IN MARMATON INTERVAL, gas detector, suspect data

background gas - HW-40u, Chrom (C1-15u, C2-10u, C3-4u, C4-0u, C5-0u)??
sample quality - good-excellent, lithology well defined

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

Daily Drilling Report, Fri. Dec. 08, 2000

Presco-Western, LLC
Dewell 1-132
SW SW SW, Sec. 2-T29S-R40W
Stanton County, Kansas

Depth at 7 AM, 5020 feet, 405 feet last 24 hours, Temp 27 deg, cloudy, w/sun, dry
Current Activity - drilling ahead in Atoka interval

Rig Mud Check - WT. 9.0, VIS 42, LCM 10#, at 5005 ft. at 06:30 AM

ENGINEERING MUD PROPERTIES at 4625 ft. for Thu. Dec. 07, 2000 at 7:00 AM
****ENGINEERING MUD REPORTS ARE FROM PREVIOUS DAY****
Baker-Hughes, INTEQ: Eng: David Blanton cell(806-984-4431), HM(316-624-1614)

Mud Wt.- 9.2+ppg	Vis. - **40** sec/qt	PV - 14
YP - 10 lbs/100cu/ft2	W.L. - 6.0 cm3/30 min.	Solids - 6.5%
CHL - 2000 PPM	LCM - 8 lbs/bbl	

Cumulative Mud Cost $13,049.00 w/trucking, cost last 24 hrs, $3,384.00

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 ER5754PS IN at 1705 ft, (HOB 116-1/4 hrs)
Bit Jets - B-14-14
W.O.B. - 40 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	Presco-Western, LLC	Hugoton Energy.
Dewell 1-132	Levis 1-1211	Westwind 1-12
SW SW SW	App. NE NW SW	C SE NE
Sec. 2-T29S-R40W	Sec. 11-T29S-R40W	Sec. 12-T29S-R40W
Stanton Co., KS	Stanton Co., KS	Stanton Co., KS
KB 3276 GL-KB 11'	KB 3271	KB 3240
Cherokee Shale 4576-1300??	4576-1305 (+05)	4596-1356 (+56)
Cherokee Sh-revised 4556-1280	**(+25)**	**(+76)**
Atoka Ls 4926-1650	4937-1666 (+15)	4992-1752 (+102)
Morrow Shale N.D.E	5100-1829 ( )	5162-1922 ( )

background gas - HW-50u, Chrom (C1-25u, C2-10u, C3-3u, C4-0u, C5-0u)
sample quality - good-excellent, lithology well defined

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

Daily Drilling Report, Sat. Dec. 09, 2000

Presco-Western, LLC
Dewell 1-132
SW SW SW, Sec. 2-T29S-R40W
Stanton County, Kansas

Depth at 7 AM, 5480 feet, 460 feet last 24 hours, Temp 24 deg, lt clds w/sun, dry
Current Activity - 5480 - CFS in Basal Morrow interval

Rig Mud Check - WT. 9.1, VIS 55, LCM 10#, at 5480 ft. at 07:00 AM

ENGINEERING MUD PROPERTIES at 5025 ft. for Fri. Dec. 08, 2000 at 7:15 AM
****ENGINEERING MUD REPORTS ARE FROM PREVIOUS DAY****
Baker-Hughes, INTEQ: Eng: David Blanton cell(806-984-4431), HM(316-624-1614)

Mud Wt.-	9.2 ppg	Vis. - 38 sec/qt	PV - 11
YP -	12 lbs/100cu/ft2	W.L. - 6.0 cm3/30 min.	Solids - 6.3%
CHL -	2000 PPM	LCM - 6 lbs/bbl	

Cumulative Mud Cost $15,016.00 w/trucking, cost last 24 hrs, $1,967.00

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 ER5754PS IN at 1705 ft, (HOB 129-1/4 hrs)
Bit Jets - B-14-14
W.O.B. - IDLE KLBS - CFS, began Morrow drilling parameters at 5098 ft
R.P.M. - 40 RPM
P.Press.- 1000 LBS
S.P.M. - 62 STKS

MISC.
C.F.S. at 5425 for 60 minutes - Morrow Marine
at 5480 for 60 minutes - Basal Morrow Sand
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		Presco-Western, LLC	Hugoton Energy.
Dewell 1-132		Levis 1-1211	Westwind 1-12
SW SW SW		App. NE NW SW	C SE NE
Sec. 2-T29S-R40W		Sec. 11-T29S-R40W	Sec. 12-T29S-R40W
Stanton Co., KS		Stanton Co., KS	Stanton Co., KS
KB 3276 GL-KB 11'		KB 3271	KB 3240
Atoka Ls	4926-1650	4937-1666 (+15)	4992-1752 (+102)
Morrow Shale	5076-1800	5101-1830 (+30)	5162-1922 (+122)
Upr Morrow Sand	Absent	5107-1837 (---)	Zone
Morrow Marine	5394-2118	5409-2138 (+20)	5483-2243 (+125)
Basal Morrow Sand	5470-2194(29)	Absent	5553-2313 (+119)-zone

Show Report #1 covering Morrow Marine to follow:

background gas - HW-250u, Chrom (C1-75u, C2-15u, C3-3u, C4-0u, C5-0u)
sample quality - Excellent, lithology well defined

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

Presco-Western, LLC
Dewell 1-132
SW SW SW, Sec. 2-T29S-R40W
Stanton County, Kansas

Depth at 7 AM, 5530 feet, 050 feet last 24 hours, Temp 26 deg, lt clds w/sun, dry
Current Activity - 5530 - TIH after DST 1
Rig Mud Check - WT. 8.9, VIS 49, LCM 6#, at 5530 ft. at 02:00 PM, prior to DST 1

ENGINEERING MUD PROPERTIES at 5530 ft. for Sat. Dec. 09, 2000 at 2:00 PM
****ENGINEERING MUD REPORTS ARE FROM PREVIOUS DAY****
Baker-Hughes, INTEQ: Eng: David Blanton cell(806-984-4431), HM(316-624-1614)

Mud Wt.- 8.9+ppg	Vis. - 49 sec/qt	PV - 14
YP - 19 lbs/100cu/ft2	W.L. - 6.8 cm3/30 min.	Solids - 5.0%
CHL - 1500 PPM	LCM - 6 lbs/bbl	

Cumulative Mud Cost $18,016.00 w/trucking, cost last 24 hrs, $3,000.00

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 ER5754PS IN at 1705 ft (HOB 129-1/4 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 5520 for 15 minutes - Miss. Chester
at 5530 for 60 minutes - Miss. Chester
Short Trip at 5530 - 25 stands, few stands pulled tight
C.T.C.H. at 5530 for 90 minutes, prior to TOOH f/DST 1
Deviations at 5530 - 1 degree - dropped
Pipe Strap at 5530 - ?
Bit Trip at 5530 - DST 1)straddle
Loss Circ. at (NONE)
DOWN TIME - 5530 - 20½ hrs (10:30am-7:00am) - operations for DST 1

FORMATION TOPS, Control Wells -)	**"A"**	**"B"**
Presco-Western, LLC	Presco-Western, LLC	Hugoton Energy.
Dewell 1-132	Levis 1-1211	Westwind 1-12
SW SW SW	App. NE NW SW	C SE NE
Sec. 2-T29S-R40W	Sec. 11-T29S-R40W	Sec. 12-T29S-R40W
Stanton Co., KS	Stanton Co., KS	Stanton Co., KS
KB 3276 GL-KB 11'	KB 3271	KB 3240
Basal Morrow Sand 5470-2194(29)	Absent	5553-2313 (+119)-zone
Miss. Chester 5511-2235	5476-2205 (-30)	5618-2378 (+143)

Show Report #2 covering Basal Morrow Sand to follow:

DST 1 (straddle test) 5395-5431 results to follow:

5530 - After DST 1, to TIH w/drill bit, CTCH f/90 minutes, TOOH f/DST 2 covering Basal Morrow Sand

background gas - HW-200u, Chrom (C1-80u, C2-15u, C3-3u, C4-0u, C5-0u), prior-DST 1
sample quality - Excellent, lithology well defined

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

Presco-Western, LLC
Dewell 1-132
SW SW SW, Sec. 2-T29S-R40W
Stanton County, Kansas

Depth at 7 AM, 5530 feet, 000 feet last 24 hours, Temp 10 deg, ovrcst, 1+" blowing snow, windchill below zero
Current Activity - 5530 - TIH, breaking circulation after DST 2
Rig Mud Check - WT. -.-, VIS --, LCM -#, at 5530 ft. at --:-- PM

ENGINEERING MUD PROPERTIES at 5530 ft. for Sun. Dec. 10, 2000 at 12:45 PM
****ENGINEERING MUD REPORTS ARE FROM PREVIOUS DAY****
Baker-Hughes, INTEQ: Eng: David Blanton cell(806-984-4431), HM(316-624-1614)

Mud Wt.- 9.0 ppg	Vis. - 57 sec/qt	PV	- 15
YP - 17 lbs/100cu/ft2	W.L. -10.0 cm3/30 min.	Solids	- 4.8%
CHL - 3500 PPM	LCM - 6 lbs/bbl		

Cumulative Mud Cost $18,327.00 w/trucking, cost last 24 hrs, $ 311.00

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 ER5754PS IN at 1705 ft, (HOB 138-1/2 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 (NONE)
Bit Trip at 5530 - After DST 1, TIH w/drill bit, CTCH f/90", TOOH F/DST 2 [Drill crews did not reverse fluid recovery from DST 1, TIH w/drill bit after DST 1, hit bridges at 1755' and 1850', ream and circulate intervals, fluid recovery from DST 1 caused high viscosities (80-120 sec/qt), Baker-Hughes representative made recommendations, CTCH an extra 1½ hrs, prior to TOOH F/DST 2]
Deviations at (NONE)
Pipe Strap at (NONE)
Loss Circ. at (NONE)
DOWN TIME - 5530 - 5 hrs (07:00am-12:00am) - operations for DST 1
5530 - 1½ hrs (12:00am-01:30pm) - CTCH (high viscosity mud)
5530 - 17½ hrs (01:30pm-07:00am) - operations for DST 2

FORMATION TOPS, Control Wells -)		**"A"**	**"B"**
Presco-Western, LLC		Presco-Western, LLC	Hugoton Energy.
Dewell 1-132		Levis 1-1211	Westwind 1-12
SW SW SW		App. NE NW SW	C SE NE
Sec. 2-T29S-R40W		Sec. 11-T29S-R40W	Sec. 12-T29S-R40W
Stanton Co., KS		Stanton Co., KS	Stanton Co., KS
KB 3276 GL-KB 11'		KB 3271	KB 3240
Miss. St. Gen.	N.D.E.	5512-2241 ( )	5634-2394 ( )
Miss. St. Louis	N.D.E.	5605-2334 ( )	5693-2453 ( )

Projected RTD 5720, The Rosel Company to run open hole logs

DST 2) 5470-5530 (Basal Morrow Sand) to follow:

background gas - HW----u, Chrom (C1---u, C2---u, C3--u, C4--u, C5--u), flowline FROZEN at report time, unit down
sample quality - NO SAMPLES last 24 hrs
Kenneth M. LeBlanc, Wellsite Geologist (316-772-6874)

Presco-Western, LLC, Dewell 1-132
SW SW SW, Sec. 2-T29S-R40W
Stanton County, Kansas

Depth - 7 AM(CST), 5699 feet, 169 feet last 24 hours, Tp 9 deg, ovrcst, lt snow cvr
Current Activity - 5699 - fighting Loss Circulation
Rig Mud Check - WT. -.-, VIS --, LCM -#, at 5699 ft. at --:-- PM, LOSS CIRCULATION

ENGINEERING MUD PROPERTIES at 5580 ft. for Mon. Dec. 11, 2000 at 12:40 PM
****ENGINEERING MUD REPORTS ARE FROM PREVIOUS DAY****
Baker-Hughes, INTEQ: Eng: Mort Kelly cell(580-774-8247), HM(580-774-8247)

Mud Wt.-	9.0 ppg	Vis. -	**54** sec/qt	PV	- 15
YP -	18 lbs/100cu/ft2	W.L. -	9.6 cm3/30 min.	Solids	- 5.0%
CHL -	3600 PPM	LCM -	8 lbs/bbl		

Cumulative Mud Cost $18,769.00 w/trucking, cost last 24 hrs, $ 442.00

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 ER5754PS IN at 1705 ft, (HOB 145-1/4 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., Deviations, Pipe Strap - NONE
Bit Trip at 5699 - RTD, due to loss circ..
Loss Circ. at 5699 - 350 BBLS (see below)
DOWN TIME - 5693 - ½ hr (09:00pm-09:30pm) - pump mud from premix
5699 - 9¼ hrs (09:45pm-07:00am) - LOSS CIRCULATION (MSTL "C")

FORMATION TOPS, Control Wells -)		**"A"**	**"B"**
Presco-Western, LLC		Presco-Western, LLC	Hugoton Energy.
Dewell 1-132		Levis 1-1211	Westwind 1-12
SW SW SW		App. NE NW SW	C SE NE
Sec. 2-T29S-R40W		Sec. 11-T29S-R40W	Sec. 12-T29S-R40W
Stanton Co., KS		Stanton Co., KS	Stanton Co., KS
KB 3276 GL-KB 11'		KB 3271	KB 3240
Miss. St. Gen.	5543-2267	5512-2241 (-26)	5634-2394 (+127)
Solid St. Gen.	5560-2284		
Miss. St. Louis	5632-2356	5605-2334 (-22)	5693-2453 (+097)
MSTL "B"*	5643-2367	poorly developed	not developed
MSTL "C"	5693-2417	not developed	5762-2522 (+105)
RTD	5699-2423, due to loss circ., Run Elogs, then P&A		

* a two (2) foot drilling break in the MSTL "B" drilled a 3 & 1 min/ft down from 4's & 5"s, in the interval 5643-5645, there were NO SAMPLE SHOW PARAMETERS OR GAS INCREASES *
(loss circ. encountered in drilling break near current depth, interval 5693-5699)
5680-5699 5-4-4-4-2-5-5-5-6 5-5-4-**(3-3-3-3-3-1)-MSTL "C"**

AT 7:00am-**LOSS CIRCULATION AT 5699**, 9:45pm 12-11-00, initially 100 bbls, mixed 250 bbls mud, no returns, pulled 20 stands of drill pipe, can fill borehole with drilling mud, WAITED on make-up water to mix mud, farmers truck is inoperable, irrigation well engine needs a 24 volt power supply to start, waiting on two (2) loads of water from Lathem Water Svc. out of Ulysses, KS
AT 8:00am-farmer on location to start irrigation well, decision to TD at 5699, TOOH f/elog, Rosel notified at 8am, to make two (2) passes w/logging tools, 1st pass w/dual induction, if successful, 2nd pass w/neutron-density suite

background gas - NONE, unit down, loss circ., sample quality - EXCELLENT
Wellsite Geologist, Kenneth M. LeBlanc (316-772-6874)

Presco-Western, LLC
Dewell 1-132
SW SW SW, Sec. 2-T29S-R40W
Stanton County, Kansas

Depth - 7 AM(CST), 5699 feet, 000 feet last 24 hours, Temp 16 deg, ovrcst, dry
Current Activity - 5699, Rosel Company running open hole logs

Rig Mud Check - WT. -.-, VIS --, LCM -#, at ---- ft. at --:-- PM

ENGINEERING MUD PROPERTIES at 5699 ft. for Tue. Dec. 12, 2000 at 02:00 PM
****ENGINEERING MUD REPORTS ARE FROM PREVIOUS DAY****
Baker-Hughes, INTEQ: Eng: Mort Kelly cell(580-774-8247), HM(580-774-8247)

Mud Wt.-	8.9 ppg	Vis. -	57 sec/qt	PV	- 14
YP -	18 lbs/100cu/ft2	W.L. -	8.8 cm3/30 min.	Solids	- 4.0%
CHL -	2700 PPM	LCM -	12 lbs/bbl		

Cumulative Mud Cost $20,985.00 w/trucking, cost last 24 hrs, $2,216.00

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 ER5754PS IN at 1705 ft, OUT at 5699 ft (HOB 145-1/4 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., Deviations, Pipe Strap - NONE
Bit Trip at 5699 - RTD, due to loss circ., finish tripping drill collars out of hole
Loss Circ. at 5699, mix mud and built volume for open hole logs, DID NOT REGAIN CIRC. OR ATTEMPT TO BREAK CIRC.
DOWN TIME - **5699 - 20½ hrs (07:00am-03:30am) - LOSS CIRCULATION,** UNTHAW RIG COMPONENTS, MIX MUD AND BUILD VOLUME, FILL BOREHOLE WITH MUD FOR OPEN HOLE LOGS
5699 - 3½ hrs (3:30am-07:00am) - Rosel running open hole logs

FORMATION TOPS, Control Wells -)	**"A"**	**"B"**
Presco-Western, LLC	Presco-Western, LLC	Hugoton Energy.
Dewell 1-132	Levis 1-1211	Westwind 1-12
SW SW SW	App. NE NW SW	C SE NE
Sec. 2-T29S-R40W	Sec. 11-T29S-R40W	Sec. 12-T29S-R40W
Stanton Co., KS	Stanton Co., KS	Stanton Co., KS
KB 3276 GL-KB 11'	KB 3271	KB 3240

RTD 5699-2423

Called loggers at 11:30pm, Tue. 12-12-00
LTD 5680, Rosel Co. trip in hole to 5680, pulled dual induction, NO obstruction encountered, borehole slowly losing fluid, Rosel Co. logging repeats off bottom at 3:30am, Wed. 12-13-00, Gamma ray reading very high count, pull out of hole, switch out gamma ray tool, finished logging dual induction at 6:00am Decision made to proceed w/neutron-density suite

background gas - NONE, unit shut down
sample quality - NO SAMPLES LAST 24 HRS

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

SHOW REPORT, NUMBER One (1)

Company: Presco-Western, LLC Well Name: Dewell 1-132

Location SW SW SW S 2 T 29 S R 40 W, County Stanton State Kansas

Formation Morrow Marine (5380-5396, elog), Sample Quality good-excellent

Interval of Zone 5394-5404 (10'), Depth w/Show 5410-5410 drlg

ROP - Before 2-3 mpf During 2-3 mpf After 2-3 mpf

Drlg Time 5390 - 5410 : 2 - 2½ - 1½ - 2 - 3 - 2 - 3½ - 2½ - 3 - 2
2 - 3 - 2 - 3 - 2 - 3 - 2 - 2 - 3 - 1

GAS DETECTOR

	Before	During	GAS KICK OFFSCALE	After	RECYCLE During	Gas Kick	After
Hot Wire (Methane)	250 u	450+u	**200+u**	275 u	450+u	**200+u**	300 u
Chromatograph							
Methane (C1)	75 u	110 u	**35** u	75 u	185 u	**110** u	90 u
Ethane (C2)	10 u	25 u	**15** u	10 u	25 u	**15** u	10 u
Propane (C3)	5 u	25 u	**0** u	3 u	5 u	**2** u	3 u
Butane (IC4/NC4)	0 u	0 u	**0** u	0 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: **green** (**dull**-fair-bright)-(sparse-**spotted**-even)
FLUOR(D) YES? **NO?** Color: _____(dull-fair-bright)-(sparse-spotted-even)

GAS **YES?** NO? **very - slight** - small - fair - good - **break** - clinging

OIL YES? **NO?** Color: _____(very-slight-small-fair-good)-(live-dead)

CUT YES? **NO?** Color: _____ thin - slow - fair - fast - streaming

STAIN YES? **NO?** Color: _____ light-sparsely-spotted-heavy-even-asphaltic

POROSITY **I.G.**: none-**poor-fair**-good est por **12** %
vugs: fine-pinpoint-med-coarse est por____%
ool - oomold: fine-med-coarse est por____%
interxln: none-poor-fair-good est por____%
weathered

Lithologic Description:
faint odor
Qtz, clear, mostly milky, some yellow-gry, coarse and very coarse grain, highly fractured, traces w/embedded glauc., round, lesser clusters (20%), med-very coarse garin, embedded cream ls frags, slightly glauc., secondary qtz matrix, fossilif, traces pyritic

Rotary Rig Characteristics: WOB 38K, RPM 70, PP 800#, SPM 58
Mud Properties: WT 8.9, VIS 50, WL -.-, LCM 10# at 5436 ft.
for possible DST
Rig Status: CFS at 5425, Recommendation evaluate on elogs

SHOW REPORT, NUMBER Two (2)

Company: Presco-Western, LLC Well Name: Dewell 1-132

Location SW SW SW S 2 T 29 S R 40 W, County Stanton State Kansas

Formation Basal Morrow Sand (5466-5490, elog), Sample Quality Excellent

Interval of Zone 5470-5499 (29'), Depth w/Show each sample carried VS shows

ROP - Before 4-6 mpf During 1-2 mpf After 3-5 mpf

Drlg Time 5460 - 5510 :

4	6	4	4½	3	5½	3	X	1½	2½
2	2	1	2	1	1	1	1	1	1
1	1	1	1	2	1	2	2	2	2
1	1	1	1	1	2	1½	2	2	2½
2	1	3	2	3	3	3	2	4	3½

GAS DETECTOR

	Before	During	= GAS KICK	After	RECYCLE During	= Gas Kick	After
Hot Wire (Methane)	400+u	OFFSCALE --) u		u	// u	u	u
Chromatograph					NO RECYCLE		
Methane (C1)	120 u	195 u	**75 u**	200 u	// u	u	u
Ethane (C2)	25 u	40 u	**15 u**	25 u	// u	u	u
Propane (C3)	10 u	25 u	**15 u**	7 u	// u	u	u
Butane (IC4/NC4)	0 u	0 u	**0 u**	0 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 - fair - good - **break** - clinging
OIL YES? **NO?** Color:_____(very-slight-small-fair-good)-(live-dead)
CUT YES? **NO?** Color: _____ thin - slow - fair - fast - streaming
STAIN YES? **NO?** Color: _____ light-sparsely-spotted-heavy-even-asphaltic

POROSITY **I.G.**: none-**poor-fair**-good est por **10** %
vugs: fine-pinpoint-med-coarse est por____%
ool - oomold: fine-med-coarse est por____%
interxln: none-poor-fair-good est por____%
weathered

Lithologic Description:
Top: sst white and tan limy fn-med grain, angular-subangular, fair sorted, heavily glauc., none to poor porosity, lesser tan fn grain, vlt glauc., well sorted, poor I.G. porosity
Bottom: sandstone tan-lt gry, clear, partly glassy, occ. yellow-orange fn and med w/some coarse grain, rounded and angular, vp sorted, glauc., scattered coarse cream ls inclusions, lesser argillac., scattered good vuggy porosity, small shows og gas, no fluor, cut or stain, qtz 20%, clear-milky w/assoc., yellow-orange, fractured, coarse to very coarse grain

Rotary Rig Characteristics: WOB 38K, RPM 70, PP 800#, SPM 58
Mud Properties: WT 9.1, VIS 55, WL -.-, LCM 10# at 5480 ft.
for possible DST
Rig Status: CFS at 5480 & 5530, Recommendation evaluate by DST

Presco-Western, LLC
Dewell 1-132
SW SW SW
Sec. 2-T29S-R40W
Stanton County, Kansas

December 6, 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-tan fn xln, equal amts of fn oolitic, ringed w/lesser ls cream to tan med oomoldic and ringed, no shows
4310-4320 ls tan and cream fn and med xln, nodular, equal amts ls cream-tan fn and med oolitic (pr dev), loose fossil frags grades to chalky ls
4320-4330 ls gry fn oolitic (dk gry ooids and clasts in dn and weathered lt gry matrix) some w/coarse cream ls clasts
4340-4350 ls tan and cream fn thru coarsely oomoldic, hollowed shell frags and oolitic, ringed and coated, subopaque tan matrix, occ. milky-clear coarse clear calcite, excellent oomoldic porosity, no shows
4350-4360 ls dk brn med xln and lightly oolitic, equal ls brn med and some coarsely oolitic, ringed (dk gry and cream ooids in dn and weathered cream matrix) w/coarse cream-lt gry clasts, shales 5%, dk gry
4350-4360 ls cream med xln and lightly oolitic, equal ls brn med and some coarsely oolitic, ringed (dk gry and cream ooids in dn and weathered cream matrix) w/coarse cream-lt gry clasts, shales 5%, dk gry
4360-4370 ls cream and tan fn xln dn, smooth grades to chalky and weathered, shales 5%, dk gry
4370-4380 ls cream and tan fn xln dn, smooth grades to chalky and weathered, sparse shales lt green, gry
4380-4390 ls cream-tan fn xln dn, smooth, equal amts chalky ls and CHALK, siltstone-sst lt green, vfn grain, well sorted, even textured, angular 25%
4390-4400 ls tan-brn fn xln dn, some weathered, shales 5%, gry w/assoc. siltstone
4400-4410 ls cream and tan fn xln dn and weathered, sparse shales
4410-4420 ls cream and tan fn xln dn, some w/clear calcite infill, lesser ls cream fn-med oolitic in dn matrix, chalk 5%, sparse shales
4420-4430 ls white and cream fn xln and chalky, equal amts ls cream and tan fn and med oolitic, fossilif, ringed, some weathered-chalky, coarse ls inclusions, no shows
4430-4440 ls white and cream fn xln and chalky, equal amts ls cream and tan fn and med oolitic, fossilif, ringed, some weathered-chalky, coarse ls inclusions, no shows
4440-4450 ls white and cream fn xln and chalky, equal amts ls cream and tan fn and med oolitic, fossilif, ringed, some weathered-chalky, coarse ls inclusions, no shows
4450-4460 ls brn and tan fn xln dn, some lightly oolitic w/assoc. chalk 10%, shales 5%, lt green, blue-green, silty
4460-4470 ls white and cream fn and med xln dn to mealy and weathered, lesser ls 20%, tan fn and med oolitic and oomoldic (cream ooids in subopaque matrix)

4470-4480 ls cream-tan fn and med xln and oolitic, pr dev., chalky, equal amts of ls tan fn xln dn to weathered
4480-4490 shales 50%, green, traces w/pyrite and dk gry to blk, ls cream fn and med xln-oolitic, chalky
4490-4500 ls cream fn and med oolitic, ringed and coated, loose ooids and broken material 40% (blk ooids w/tan coating), shales 20%, dk gry, green, traces w/pyrite
4500-4510 ls cream and white fn-med oolitic and slightly oomoldic (cream ringed ooids in subopaque matrix) w/ls cream-tan fn xln dn-weathered, shales 20%, dk gry, silty and blk, lesser dk green, silty
4510-4520 NO SAMPLE
4520-4530 ls tan-brn and gry fn xln dn, shales 30%, dk gry, lesser gry-green
4530-4540 ls tan fn xln dn, equally cream-white CHALKY, shales 20%, dk gry, gry, silty to blk
4540-4550 ls tan and cream fn xln dn, some weathered, shales 10%+, gry, dk gry
4550-4560 ls tan and cream fn xln dn, some weathered, scattered crinoid stems, shales 30%+, gry, dk gry, gry-green, red beds 5%
4560-4570 ls tan and cream fn xln dn, some weathered, scattered crinoid stems, shales 30%+, gry, dk gry, gry-green, red beds 5%
4570-4580 ls tan and cream fn xln dn and weathered, some mealy and slightly included, shales 30%, dk gry, gry w/red beds 5%+
4580-4590 ls tan and cream fn and med xln, glauc. to oolitic, some grainy, chert 5%+, lt gry to tan, fresh, subopaque, shales 15%, gry, gry-green, green, blk 5%
4590-4600 ls tan and cream fn and med xln, glauc. to oolitic, some grainy, chert 5%+, lt gry to tan, fresh, subopaque, shales 15%, gry, gry-green, green, blk 5%
4600-4610 ls gry, dk gry and cream fn xln dn, equal amts ls white-cream fn xln, fossilif and slightly oolitic, some weathered, scattered chert lt gry fresh, subopaque
4610-4620 ls tan fn xln, grainy (dolomitic), slightly included w/pyrite, shales 10%, gry-green, green
4620-4630 shales 60%, dk gry, calc., gry-green, hard, ls brn and tan fn xln, traces of chert brn fresh, opaque
4630-4640 shales dk gry and blk 80%, ls cream and tan fn xln
4640-4650 ls cream-white fn-med oolitic (pr dev) and included w/organic matter and blk clasts grades to chalky and weathered, shales 5%, gry to blk
4650-4660 ls cream-white fn-med oolitic (pr dev) and included w/organic matter and blk clasts grades to chalky and weathered, shales 5%, gry to blk
4660-4670 ls tan and cream fn xln, included w/organic matter and clear calcite, weathered and suboolitic
4670-4680 ls tan and cream fn xln, included w/organic matter and clear calcite, weathered and suboolitic, shales blk 30%, lesser gry, silty and sandy
4680-4690 ls tan and lt gry fn and med xln to weathered, shales dk gry to blk 35%
4690-4700 ls cream and tan fn xln dn, some weathered, shales 20%+, blk
4700-4710 ls tan-dk brn fn xln dn, smooth, shales 30%, blk, loose fossil frags thru-out
4710-4720 shales 75%, blk and dk gry, lightly pyritic, ls 25%, tan to dk brn fn xln
4720-4730 shales 80%, blk, carb., laminated, some slightly pyritic, ls 20%, brn and

tan fn xln dn

4730-4740 ls cream-tan fn xln, grainy, weathered, some w/embedded fossil frags, shales 40%, dk gry to blk

4740-4750 ls cream-tan fn xln dn, some w/veiny calcite grades to chalky ls, lesser ls tan fn-med oolitic (dk gry ringed ooids), fossilif, chert 5%, lt gry, fresh, subopaque, shales 5%, dk gry

4750-4760 ls cream and tan fn xln, MOST CHALKY, some finely oolitic, chert 5%+, lt gry to tan fresh, subopaque, shales 10%+, gry, dk gry

4760-4770 shales blk 80%, carb., dk gry, lesser gry, ls 20%, tan and cream fn xln, some oolitic (pr dev) and fossilif

4770-4780 shales blk 90%, carb., dk gry, lesser gry, ls 10%, tan and cream fn xln, some oolitic (pr dev) and fossilif

4780-4790 shales blk, 90%, carb., laminated, some slightly pyritic, ls 20%, brn and tan fn xln

4730-4740 ls cream-tan fn xln, grainy, weathered, some w/embedded fossil frags, shales 40%, dk gry to blk

4740-4750 ls cream-tan fn xln dn, some w/veiny calcite to chalky ls, lesser ls tan fn-med oolitic (dk gry ringed ooids), fossilif, chert 5%, lt gry, fresh, subopaque, shales 5%+, dk gry to blk

4750-4760 ls cream and tan fn xln, MOST CHALKY, some finely oolitic, chert 5%, lt gry to tan fresh, subopaque, shales 10%, dk gry, gry

4760-4770 shales blk 80%, carb., dk gry, lesser gry, ls 20%, tan and cream fn xln, some oolitic (pr dev) and fossilif

4770-4780 shales blk 90%, carb., dk gry, lesser gry, ls 10%, tan and cream fn xln, some oolitic (pr dev) and fossilif

4780-4790 shales 90%, blk and dk gry, slightly pyritic and micac., some calc., ls tan fn xln, chert 2-3%, tan-orange, fresh, subopaque

4790-4800 shales 90%, blk and dk gry, slightly pyritic and micac., some calc., ls tan fn xln, chert 2-3%, tan-orange, fresh, subopaque

4800-4810 ls tan and cream fn and lesser med xln dn to grainy, HIGHLY FOSSILIF, some included w/gry clasts dn, shales 25%+, blk

4810-4820 ls tan and brn fn xln dn, smooth, flakey, shales 10%, blk and dk gry

4830-4840 ls cream and tan fn xln, gritty, fossilif to weathered, shales 5%+, blk

4840-4850 ls brn fn xln dn, smooth, equal ls cream fn xln, weathered, sparse shales

4850-4860 ls cream fn xln, dn to weathered, lesser ls dk brn-dk gry fn xln dn, flakey, shales 5%+, blk

4860-4870 ls brn and gry fn xln dn, lesser weathered 10%+, shales 5%, dk gry to blk

4870-4880 ls dk gry and tan xln dn, scattered shales

4880-4890 ls gry mixed w/tan fn xln dn, some fossilif, sparse shales

4890-4900 ls cream-brn, lesser gry fn and some med xln, sparsely fossilif

4900-4910 ls lt gry fn xln, weathered to dn, lesser ls brn fn xln, scattered shales

4910-4920 ls lt gry and dk gry, some tan fn xln dn, grades to weathered, sparse chert to blk, fresh, subopaque, sharp, shales 10%+, gry

4920-4930 ls gry and tan fn xln dn, some weathered, shales 10%+, blk

4930-4940 ls gry-dk gry fn xln dn, shales 10%+, blk, some w/pyrite

4940-4950 ls gry-dk gry fn xln dn, shales 10%+, blk, some w/pyrite

4950-4960 ls gry, dk gry and lesser tan fn xln dn, lesser weathered, traces chert brn-orange, fresh, subopaque, shales blk 10%

4960-4970 ls gry, dk gry and lesser tan fn xln dn, lesser weathered, traces chert

brn-orange, fresh, subopaque, shales blk 10%

4970-4980 ls dk brn and dk gry fn xln dn, lesser ls cream-white chalky to fn xln, shales 10%, dk gry to blk

4980-4990 ls dk brn and dk gry fn xln dn, lesser ls cream-white chalky to fn xln, shales 10%, dk gry to blk

4990-5000 ls 60%, gry, dk gry fn xln dn, some suboolitic, and med xln, shales blk 40%, some lightly pyritic

5000-5010 ls 50%, gry, dk gry fn xln dn, some suboolitic, and med xln, shales blk 50%, some lightly pyritic

5010-5020 ls 50%, gry, dk gry fn xln dn, some suboolitic, and med xln, shales blk 50%, some lightly pyritic

5020-5030 ls dk gry fn xln dn, some weathered lt gry, shales 15%, blk

5030-5040 ls dk gry, few dk brn fn and a few med xln, fossilif in part, shales 20%, blk

5040-5050 ls dk gry and dk brn fn xln dn, lesser granular, shales blk 25%

5050-5060 ls gry fn xln, fossilif, some weathered, chert 15%, lt gry w/tan tint, fresh, subopaque-opaque, pyritic, sharp, FOSSILIF, and included w/organic matter, shales blk 25%

5060-5070 ls dk gry and lt gry fn xln dn, lesser med oolitic-suboolitic and fossilif, scattered sandstone white med grain, calc., traces of pyritic, vlt glauc., shales blk 20%+

5070-5080 ls dk gry and lt gry fn xln dn, lesser med oolitic-suboolitic and fossilif, scattered sandstone white med grain, calc., traces of pyritic, vlt glauc., shales blk 20%+

5080-5090 ls dk gry fn xln dn-weathered, lesser dk brn, shales 40%, blk, carb., hard, calc., scattered lt green

5090-5100 ls brn and gry fn xln dn, equally weathered, shales 50%, blk, lesser gry-green

5100-5110 shales blk and equal amts gry-green, green, drab, slightly pyritic, ls 30%, tan-brn fn xln

5110-5120 shales gry-green, green, lightly pyritic, laminated, lesser shales blk 25%, ls 10%, brn fn and med xln

5120-5130 shales blue-gray to dk gry, blk 5%

5130-5140 shales blue-gry, dk gry, blk 10%, some pyritic, scattered fossil frags

5140-5150 shales blue-gry, gry, gry and blk 10%

5150-5160 shales flat-gry, blue-gry, scattered blk, slivered

5160-5170 shales blue-gry, gry, pyritic, blk 10%

5170-5180 shales gry, blue-gry, some pyritic, blk 2-3%

5180-5190 shales gry, dk gry to blk 20%, assoc. pyrite

5190-5200 shales blue-gry, gry, dk gry, gritty, scattered pyrite

5200-5210 shales blue-gry, gry, dk gry, gritty, scattered pyrite

5210-5220 shales blue-gry, gry, gritty, sparse blk

5220-5230 shales blue-gry, gry, dk gry, ls 20%, tan fn thru coarse xln, HIGHLY FOSSILIF, loose fossil frags, rare med clear coarse embedded qtz

5230-5240 shales blue-gry, gritty, ls 10%, tan-brn fn xln dn, scattered fossil frags (crinoids)

5240-5250 shales gry, dk gry, blue-gry, some laminated, ls 5%, brn and tan fn xln dn

5250-5260 shales blue-gry, gry, scattered calc. shales

5260-5270 shales blue-gry, gry, scattered calc. shales
5270-5280 shales blue-gry, gry, scattered calc. shales
5280-5290 shales lt gry, blue-gry, soft to brittle, blk 5%, scattered pyrite
5290-5300 shales lt gry, blue-gry, soft to brittle, blk 5%, scattered pyrite
5300-5310 shales lt gry, blue-gry, soft to brittle, blk 5%, scattered pyrite
5310-5320 shales gry, dk gry, gritty, some w/organic matter, scattered fossil frags
5320-5330 shales gry, dk gry, soft, gritty
5330-5340 shales gry, dk gry, soft, gritty
5340-5350 shales gry, dk gry, soft, gritty
5350-5360 shales gry, dk gry, soft, gritty
5360-5370 shales gry, some gritty, pyritic in part
5370-5380 shales gry, some gritty, pyritic in part
5380-5390 shales dk gry, soft, scattered blk
5390-5400 shales 90%, blue-gry, gry, sparsely pyritic, ls 10%, tan fn xln, scattered fossil frags
5400-5410 shales dk gry, soft, gritty, sandstone 5%, clear and gry, coarse grain, poorly sorted, frosted, rounded, fractured, titely welded, secondary qtz, no odor or shows

5410-5420 (Morrow Marine) **faint odor**, qtz, clear, MOSTLY MILKY-gry, some yellow, coarse and very coarse grain, highly fractured, traces of embedded med glauc., round, lesser clusters 20%+, w/embedded coarse cream ls frags, slightly glauc., secondary qtz matrix, fossilif and traces w/pyrite, **20% w/dull blue sptd fluor wet, no fluor dry, no stain, no cut, RARE SHOWS OF GAS FROM FRACTURED QTZ**, shales 10%, gry
HW-200u+-OFFSCALE, Chrom (C1-35u, C2-15u, C3-5u), recycled at HW-200u+-OFFSCALE, Chrom (C1-110u, C2-15u, C3-2u)

5425 C.F.S. 30" shales 75%, dk gry, gry, qtz 25%, milky-clear, few yellow, round, lesser angular, some w/attached ls frags, small amts of sandstone tan to green, fn and med grain, rounded, poor porosity, titely cemented, heavily glauc., NO SHOWS
5425 C.F.S. 60" shales 80%, gry, dk gry, qtz, milky-clear, some yellow, fractured, angular, med-coarse thru very coarse grain, equal clustered w/cream ls inclusions, organic matter and glauc.
5425-5430 shales 80%, gry, dk gry, qtz 10%, clear, some milky and yellow, rounded, mixed w/sandstone tan-green, fn-med grain, heavily glauc., calc. matrix, pyritic, fair sorted
5430-5440 shales 70%, dk gry, limy sandstone green and gry, med grain, heavily included w/glauc., and carb. matter, fair sorted, some pyritic, qtz 10%+, loose coarse, clear and milky, subrnd
5440-5450 shales 70%, dk gry, limy sandstone green and gry, med grain, heavily included w/glauc., and carb. matter, fair sorted, some pyritic, qtz 10%+, loose coarse, clear and milky, subrnd
5450-5460 shales 80%, dk gry, qtz 20%, clear and milky-yellow, coarse grain, subrnd-subang., lesser limy sandstone brn-dk green, med grain, fair sorted, highly included w/glauc. and carb. matter, some pyritic, no shows
5460-5470 shales 70%, dk gry, qtz 30%, clear and milky-yellow, coarse grain, subrnd-subang., lesser limy sandstone brn-dk green, med grain, fair sorted, highly

included w/glauc. and carb. matter, some pyritic, no shows

5470-5480 shales 60%, dk gry, gry, limy sandstone gry-brn med grain, rounded, included w/glauc. and carb. matter, occ. ls clasts

5480 C.F.S. 30" shales 50%, gry, dk gry, sandstone 50%, white and tan, limy fn-med grain, angular-subangular, fair sorted, heavily glauc., none-poor I.G. porosity, lesser sandstone cream fn grain, lightly included w/glauc., well sorted, poor I.G. porosity

5480 C.F.S. 60" shales 70%, gry, dk gry, sandstone 30%, white and tan, limy fn-med grain, angular-subangular, fair sorted, heavily glauc., none-poor I.G. porosity, lesser sandstone cream fn grain, lightly included w/glauc., well sorted, poor I.G. porosity

5480-5490 shales 50%, dk gry, sandstone 35%, white w/green tint, fn grain, well sorted, calc., heavily included w/glauc. and carb. material, poor thru fair sorted, no porosity, qtz, clear to milky and some yellow, med to very coarse grain, some fractured, no shows

5490-5500 (Basal Morrow Sand) shales 50%, dk gry, gry, sandstone tan-lt gry, clear, part glassy, occ. yellow-orange, fn and med thru some coarse grain, coarse qtz rounded becoming increasingly angular w/decrease in grain size, very poorly sorted, glauc., scattered cream ls inclusions, lesser w/argillac. infill, scattered good I.G. porosity (vuggy), no cut, no odor, no fluor wet or dry, no stain or oil show, **VERY SMALL SHOWS OF GAS**, loose qtz 10%+, lt gry, coarse
HW-OFFSCALE, Chrom (C1-75u, C2-15u, C3-15u), NO RECYCLE

5500-5510 sandstone tan-lt gry, clear, part glassy, occ. yellow-orange, fn and med thru some coarse grain, coarse qtz rounded becoming increasingly angular w/decrease in grain size, very poorly sorted, glauc., scattered cream ls inclusions, mixed w/lesser limy sand lt gry-clear, fn-med grain, poorly sorted, no porosity, scattered good I.G. porosity (vuggy), no cut, no odor, no fluor wet or dry, no stain or oil show, **VERY SMALL SHOWS OF GAS**, loose qtz 20%+, lt gry-clear w/assoc. yellow-orange 5%+, coarse to very coarse grain, fractured, shales 30%+, dk gry to blk

5510-5520 (Miss. Chester) sandstone 50%, lt gry fn and med grain, fair sorted w/embedded very coarse clear and orange round qtz, very poorly sorted, argillac. some w/embedded fossils, poor I.G. porosity, **trace of gas**, no other shows, qtz 15-20%, clear and milky, lesser yellow-orange and tan, subopaque, coarse and very coarse grain, round, sharp, some fractured, scattered siltstone maroon-rose pink to ls rose pink fn xln, shales 25%, dk gry, gry to blk

5520-5530 qtz 30%, clear and milky, lesser yellow-orange and tan, subopaque, coarse and very coarse grain, round, sharp, some fractured lesser sandstone 15%, lt gry fn and med grain, fair sorted w/embedded very coarse clear and orange round qtz, very poorly sorted, argillac. some w/embedded fossils, poor I.G. porosity, **trace of gas**, no other shows, siltstone 25%, maroon-rose pink to ls rose pink fn xln, shales 25%, dk gry, gry to blk

5530 C.F.S. siltstone 60%, brick red and maroon-pink, qtz 15%, clear to lt gry

some yellow, coarse grain, rounded and sharp, sandstone 15%, tan med and med-coarse grain, poorly sorted, glauc., carb. inclusions, poor I.G. porosity, some w/yellow and lt gry embedded coarse qtz, lesser sst lt gry, part glassy, fn thru very coarse grain, very poorly sorted, vsl glauc., occ. cream ls inclusions, angular thru rounded

5530 C.F.S. 60" siltstone 60%, rose pink-brick red grades to ls fn arenac., shales 30%, gry, dk gry, qtz 10%, minor sst

CTCH for 60 minutes after DST 2

5530-5540 shales blk, slivered 80%, abundant pyrite, siltstone 20%, brick red and maroon

5540-5550 shales blk, slivered 80%, abundant pyrite, siltstone 20%, brick red and maroon

5550-5560 shales 70%, blk and dk gry, siltstone 25%, reddish brn and brick red and silty maroon shales, ls 5%, lt green-gry fn arenac.-sandstone

5560-5570 shales 65%, blk, ls 35%, pink to maroon fn arenac., some chalky, scattered ls white fn arenac., chalky and slightly oolitic (transition from MCH to MSTG)

5570-5580 (MSTG) ls 50%, cream and lt gry fn arenac., some w/brnish pink tint 5%, shales 50%, blk

5580-5590 ls 60%, cream and lt gry fn arenac., some w/brnish pink tint 5%, shales 40%, blk

5590-5600 ls gry fn and some med arenac., some chalky, 10% rose pink to pinkish white grading to siltstone and ls 5%, maroon fn xln dn, shales 30%, blk

5600-5610 ls tan to lt gry fn arenac. and some oolitic, sparse rose pink, shales 25%, blk

5610-5620 ls tan to lt gry fn arenac. and some oolitic, sparse rose pink, shales 25%, blk

5620-5630 ls gry-cream fn arenac., some chalky and med oolitic and arenac., lesser white w/rose tint 5%, shales 15%, blk

5630-5640 ls white and cream fn arenac. and med oolitic, some chalky, traces med glauc., sparse chert orangish brn, opaque, oolitic, shales blk 20%+

5640-5650 ls white fn-med oolitic, chalky matrix, lesser fn arenac. and oolitic, chert brn-orange, fresh, subopaque, sharp, shales 10%, blk, lt green, waxy, brittle 5%

5650-5660 ls cream fn and med oolitic, some ringed in dn matrix, some w/orange ooids, equal sandy oolitic ls, slightly pyritic, chert 5%, brn-orange fresh, subopaque, sharp, shales 5-10%, green and blk 5%, slivered

5660-5670 ls tan fn arenac. to fn xln, some oolitic, traces of chert orangish white, mixed, fresh, opaque, shales blk 5%, sparse green, waxy

5670-5680 ls tan fn arenac. to fn xln, some oolitic, chert orangish-brn fresh, subopaque-opaque, shales blk 5%

5680-5690 ls cream-lt gry fn arenac., vsl included w/carb. matter, some oolitic, shales 5%, blk

5690-5699 NO SAMPLE, LOST CIRCULATION at 5699

Submitted by Kenneth M. LeBlanc, Petroleum Geologist, 12-12-00

Presco-Western, LLC
Dewell 1-132
SW SW SW
Sec. 2-T29S-R40W
Stanton County, Kansas

December 6, 2000

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

3700-3720	2-2-2-2-2-3-3-3-4-4	3-3-3-3-3-3-3-3-2-3
3720-3740	3-3-3-2-3-2-2-2-2-2	3-3-1-2-2-2-3-3-3-3
3740-3760	3-3-3-4-3-3-3-3-3-3	3-3-3-1-2-1-2-2-2-3
3760-3780	4-3-3-3-3-4-3-4-3-4	4-3-3-4-3-3-3-3-3-3
3780-3800	2-1½-1½-1-2-2-2-1-1-3	2-2½-1-1½-1½-1½-1-1-1
3800-3820	3-2-2½-4½-4-3-5-3-4-4	4-3-3-5-3-3-5-4-3-4
3820-3840	3-4-3-4-4-3-2-2-3-2	4-4-4-3-4-3-3-2-2-3
3840-3860	4-4½-2½-4½-3½-4-3-3-2-1	2-2-2-1-2-1-2-4-3-2
3860-3880	3-3-2-3-4-2-3-4-3-3	3-4-3-4-3-3-3½-3½-4-4
3880-3900	4-4-3-3½-3½-4-3-3-2-4	2-2-2-3½-3½-3-3-4-4-3
3900-3920	4-4-3½-3½-3-4-3½-3½-3-3	3½-3½-4-4-3½-3½-4-4-4-4
3920-3940	3-2-5-4-4-4-3-5-3-6	3½-5½-3-4-4-5-4-4-2-2½
3940-3960	3½-3½-1½-4-4-5-4-3-2-3	2-2-2-1-3-4-2-1-1½-1½
3960-3980	1-2-1-2-2-2-1-3-1-2	2-2-1-2-2-4-2-4-4-3
3980-4000	4-3-2½-½-1-1-1½-½-1-½	1½-1-½-½-1-½-1½-½-½-1½
4000-4020	1-1½-½-2-½-1½-1-1-1-1	1-1-1-1-1-1-1-1-1-½
4020-4040	½-½-½-½-1½-½-½-½-½-1	½-1½-½-½-½-1-1-1-1-1
4040-4060	1-½-1-1-1-½-1-1-1-½	½-½-½-2½-2½-3-3-4-2-2
4060-4080	2½-2½-3-3-2-2-2½-2½-3-3	3-2-1-1-4-3-5-3-5-4
4080-4100	3-5-3-4½-2½-3-2-1-2-2	2-2-2-4-3-5-3-4-1-6½
4100-4120	4½-4-1-5½-3½-5-2-2-4-3	4-1-4-3½-3½-4-2½-2½-6-2
4120-4140	6-3-5-3-3-4-3-4-4-4	5-3-4-3-2-3-4-3-4-4
4140-4160	3-3-3-3-3-3-5-5-3-2	2-1-4-4-4-4-3-4-3-3
4160-4180	3-3-4-3-4-3-3-4-2-2	2-2-1-2-2-2-2-1-2-2
4180-4200	2-3-4-4-3-3-2-2-2-1	2-1-1-1-2-2-2-2-4-4
4200-4220	4-3-1-2-1-2-3-3-4-3	3-3-4-4-4-3-4-1-1-1
4220-4240	1-1-2-1-2-2-1-1-1-2	2-2-3-2-2-2-2-2-2-2
4240-4260	2-2-2-2-2-3-3-2-2-3	3-3-2-3-3-3-3-1-2-*
4260-4280	*-3-3-4-4-2-3-3-3-4	4-3-3-4-3-3-3-4-2-4
4280-4300	3-4-5-4-3-3-4-4-4-4	3-2-1½-2½-3-3-3½-3½-2-2
4300-4320	3-3-2½-2½-4-2½-2½-3½-2½-2	5-3-3-2½-3½-3-2-3-1-½
4320-4340	½-1-1-½-1-1-2-3-3-4	3-3-2-3-3-4-3-3-3-5
4340-4360	2-5-3-4-3-2½-3½-4-3-4	3-1-4-2½-2½-2-1½-2½-2-2
4360-4380	3½-2½-4-2-3½-4½-2-3½-1½-2	3-2-2½-2½-1-2-2-1½-2½-3
4380-4400	1½-2½-4-2-3-3-5-3-3-3	4-2-5-2-3-3-4-2½-2½-3
4400-4420	6-3-3-1-2-2-1-2-2-3	6-1-2-2-*-1-1-2½-3½-3
4420-4440	4-4-3-5-3-3-4-2-4-2	½-½-½-½-½-½-1-½-½-1
4440-4460	½-½-1-1-2-2-2-5-5-3	2-4-4-4-5-3½-2½-1-1-1
4460-4480	1-2-1-4-3-2-5-4-4-5	5-3-6-3-2-3-5-*-2-2
4480-4500	4-2-6-4-5-3½-4½-4-4-5½-2½	5-4-5-3-5-3-5-4-4-3½-4½-2
4500-4520	3-5-2½-5½-3-3-5-3-2-3	4-5-5-2-5½-4½-3-5-5-2
4520-4540	3-4-3-2-4-2-4-7-2-5½	3½-2-4-4-3-5-4-3½-2½-1
4540-4560	2-2-3-3-2-3-3-1-1-3	1-4-4-3-3-7-2-4-3-1

4560-4580	3-5-3-5-5½-2½-3-2-4	2-3½-3½-5-3-2-5-5-2½-3½
4580-4600	3-3-4-5-2-5½-3½-4-3-4½	4½-3-4-4-4-4-6-5-4-6½
4600-4620	*-*-*-3-3-4-2-4-4-3	3-4-3-5-5-4-4-3-3-3
4620-4640	5-7-4-3-4-3-3-3-3-3	3-4-4-3-3-4-3-3-3-5
4640-4660	4-4-3-3-4-3-4-3-4-3	5-3-3-3-2-3-2-3-2-4
4660-4680	4-4-3-2-3-3-4-3-4-4	4-3-4-4-4-4-4-3-3-4
4680-4700	3-5-5-3-3-5-5-4-4-5	6-3-6-6-4-3-4-4-3-5
4700-4720	4-4-4-3-4-3-4-2-2-4	4-4-2-2-4-3-3-2-3-4
4720-4740	4-3-6-3-5-2-6-3-3-4	4-3-2-2-1-2-2-2-3-4
4740-4760	3-5-3-4-2½-2½-4-4-4-4	3-5-3-4-3-4-3½-2½-3-5
4760-4780	4-3-4-3-4-4-3-4-3-2½	4½-3-5-2-3-5-3-4-4-3
4780-4800	4-4-4-3-4-3-3-4-2-2	2-3-2-1-4-2-4-3-2-3
4800-4820	4-4-3-2-3-2-4-3-4-3	4-4-4-5-5-6-5-2-2-3
4820-4840	4½-4½-2-3-5-2-4-4-3-1	3-4-3-3-4-4-4-3-5-4
4840-4860	5-5-4-5½-2½-4-5-3-4-3	5-4-4-5-2½-4½-5-5-4-4
4860-4880	4-3-5-3-5-3-4-4-5-3	4-4-5-3-5-3½-4½-3-5-*
4880-4900	2-2½-2½-4-2-4-3-4-2-2	3-2-3-5½-3½-2-4-3-3-4
4900-4920	1-5-4-3-5-4½-3½-5-4-6	3-6-4-4-4½-3½-6-3-6-4
4920-4940	3½-1½-3-2-1½-1½-4½-2½-5-2½	3½-3-3-3-5-2-4-4-4-3½
4940-4960	2½-2-2-2-1-2½-1½-3-2½-2½	2-3-3-3-4-2-3-3-3-2
4960-4980	2-1½-1½-2½-1½-2-2-3-3-3	3-3½-2-2½-2-4-2-3½-3½-4
4980-5000	3-3½-3½-3-3-4-2-4-3-3	3-3-1½-3½-2-3½-2½-4-3-4
5000-5020	3-3-3-2-3½-2½-4-2-3-2	3-3-4-2-4-2-4-2-2½-2½
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5080-5100	3-3-4-5-4-2-1-2-2-2	2-1½-1½-2-2-2-1-2-1-3
5100-5120	4-4-3-2-3-3-3-4-2½-2½	3-3-3-2-3-2-2-2-3-2-3
5120-5140	2-4-2-1-4-3-3-2-*-2	1-3-2-4-1-4-1-3-2-2½
5140-5160	2½-3-2-2-1-2-1-2-2-2	2-2-3-1-3-2-2½-2½-2-2
5160-5180	*-2½-1½-3-1-2-2-2-2-1½	1½-2½-2-3-1½-½-3-1-3-2
5180-5200	2-3-2½-1½-2-2½-1½-3-2-4	2-3-2-3-2½-2½-2-2-2½-2½
5200-5220	2-3-2-2-2-3-2-3-2-3	2-3-3½-3½-4-3-2-2-4-*
5220-5240	2-3½-5-4½-4-5-4-6-4-6	5-5-4-5-5-4-4-4½-3½-5
5240-5260	5-5-4-6-4-5½-4½-5-6-4	4-3-2-4-3-3-3-3-4-4
5260-5280	2-4-3-4-3-3-4-3-4-4	3-4-3-4-3-3-3-5-4-4
5280-5300	3-2-3-3-3-3-3-2-3-3	3-2-3-2-3-3-2-3-3-2
5300-5320	3-4-3-3-3-3-4-2½-3½-3	4-3-2-3-2-2-4-1-7-5
5320-5340	2-5-6-2-4½-4½-4-5-3-4	5-3-5-2½-4½-4-5½-5½-5-3
5340-5360	4-3-2-3-1-3-2-2½-1½-2	2-3-2-2-2-3-1-3-1-3
5360-5380	2-2-2-2½-1½-3-2-2-3-2	2½-3½-2-1-2-2-1-1½-1½-2
5380-5400	1-2-1-2½-2½-2½-2-3-3-2	2-2½-1½-2-3-2-2½-2½-3-2
5400-5420	2-3-2-3-*-2-2-2-3-1	3-1½-2½-2-2-1-2-2-2-1½
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5460-5480	4-6-4-4½-3½-5½-3½-*-1½-2½	2-2-1-2-1-1-1-1-1-1
5480-5500	1-1-1-1-2½-1½-2-2-2-2	1-1-1-1-2-1½-2-2-2-2½
5500-5520	2½-1½-3-2½-3-3-3-4-4-3	3½-4½-4-3½-4½-3½-3½-4-4-5
5520-5540	4½-4-4-4-4-2-4-4-4-4	3½-3½-3-4-4-5-4-4-4-4
5540-5560	4-4-3-4-3-3½-3½-3½-4-3½	4-4-4-4-4-4-4-4-3-4

5560-5580	3-2-4-4-4-4-4-4-4-4	5-4-4-5-5-4-4-4-4-3
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5600-5620	4-4-4-4-4-4-4-4-3-4	3-4-3-4-4-4-3-3-3-3
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5640-5660	4-5-4-4-4-4-4-4-4-5	4-5-4-3-1-5-4-4-4-5
5660-5680	4-4-4-5-5-6-4-5-5-5	5-4-5-4½-4½-5-4½-4½-5-4
5680-5699	5-4-4-4-2-5-5-5-5-6	5-5-4-3-3-3-3-3-1-* RTD 5699

(Straddle Test)

DST 1) 5395-5431 (Morrow Marine)

(Total Depth for DST 5530)

TIMES: 15-45-45-45

1st open: fair blow OBOB in 2 minutes, bled off to 2" flowline
(NO BLOW BACK)

2nd open: fair blow OBOB in 3 minutes, bled off to 2" flowline
(NO BLOW BACK)

REC: trace of Gas in Pipe
120' Gas Cut Muddy Water (10% gas, 60% water, 30% mud)
1,780' Salt Water (100% water)
1,900' TOTAL FLUID

NO SHOWS OF OIL IN FLUID RECOVERY OR GRINDOUT

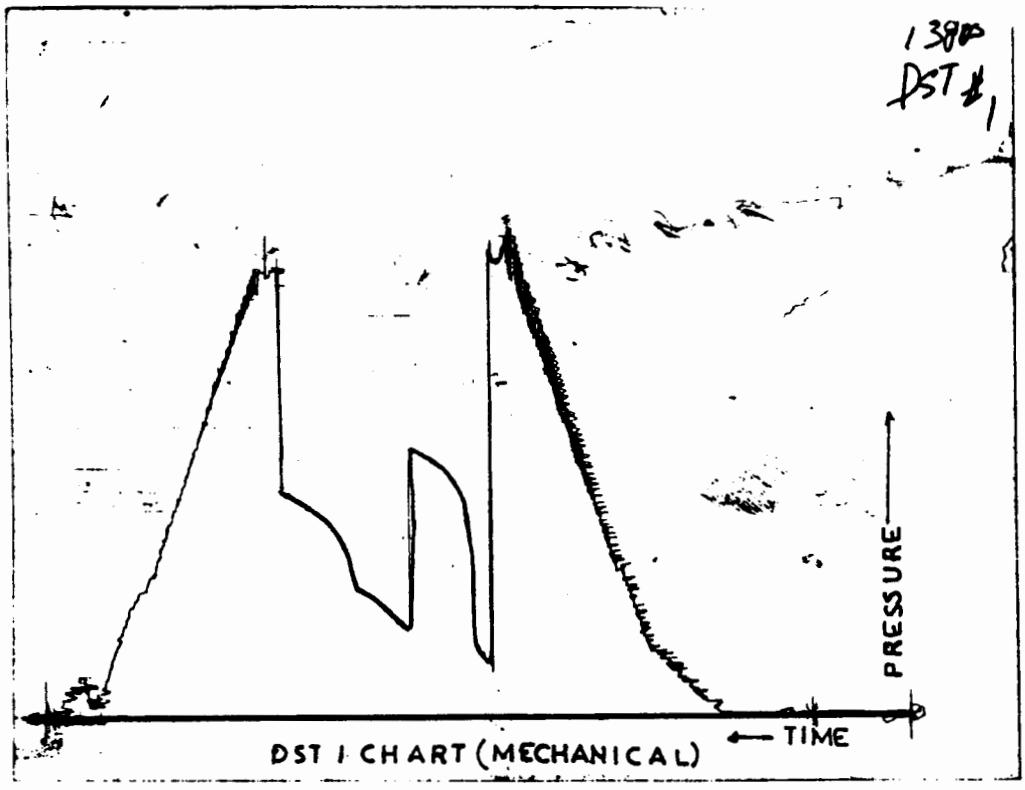
chlorides of mud system: 1,500 ppm
chlorides of fluid recovery: 75,000 ppm
resistivity of formation water: 0.23 at 38 degrees F

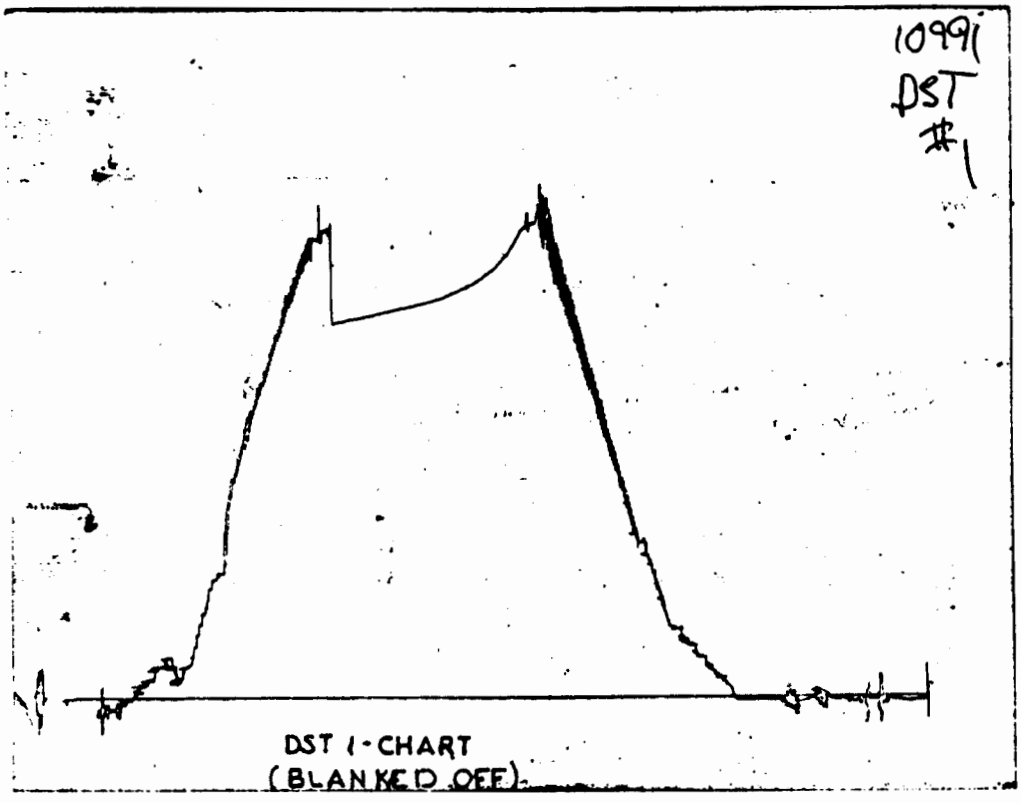
AK1 (mechanical)		Alpine (electronic)		(--Recorders
IHYD: 2645	psi	IHYD: 2448	psi	
IFP: 248-410	psi	IFP: 251-405	psi	
IBHP: 1491	psi	IBHP: 1416	psi	
FFP: 485-730	psi	FFP: 433-708	psi	
FBHP: 1211	psi	FBHP: 1172	psi	
FHYD: 2688	psi	FHYD: 2339	psi	

TEMP: 132 degrees

Tester: Darren Amerine, Trilobite Testing L.L.C., Pratt, KS District

Note: straddle DST (dual packer, safety joint, jars, electronic recorders, circulating sub), NO bottom sampler


1390
DST #1
PRESSURE
TIME
DST 1 CHART (MECHANICAL)

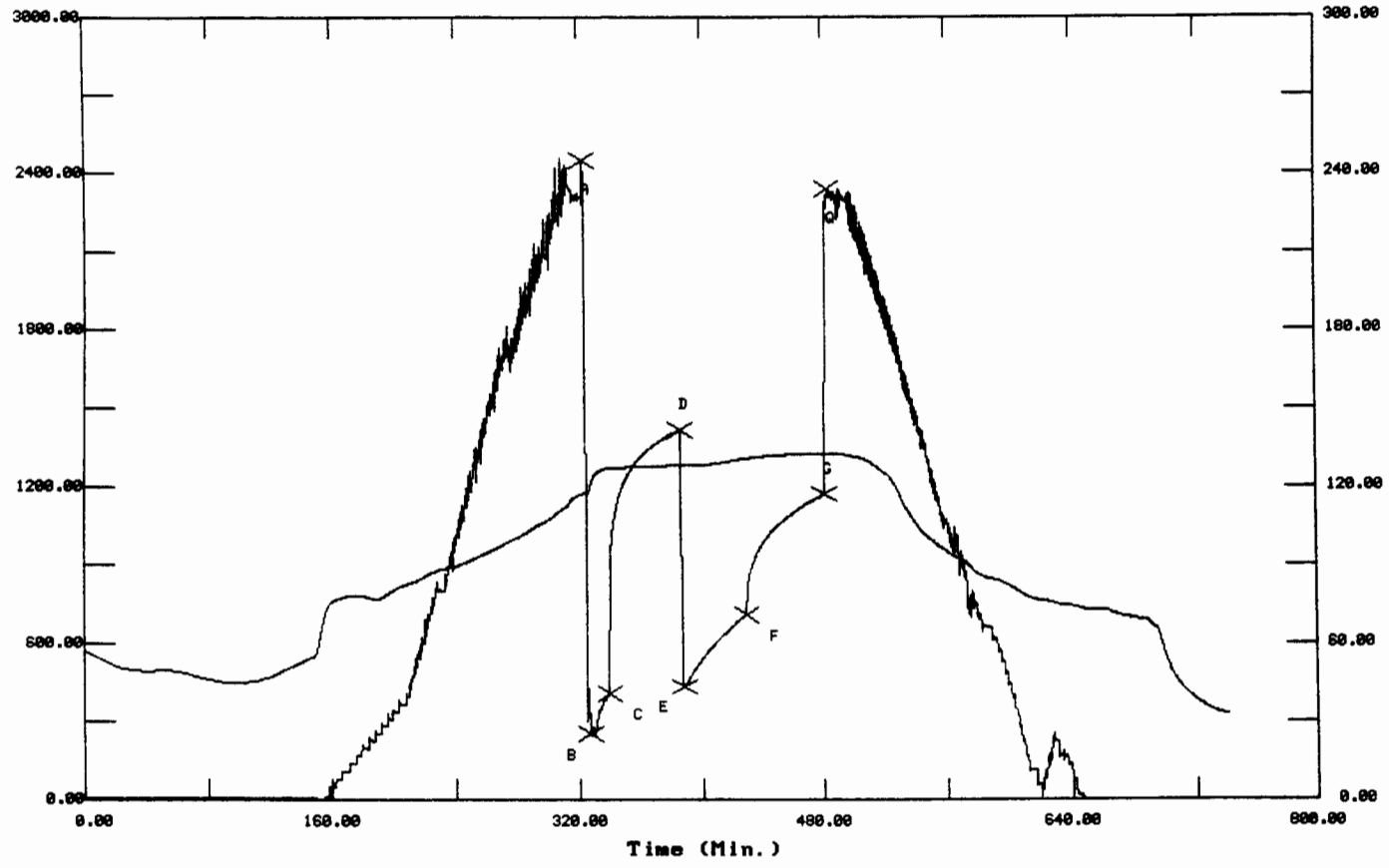

10991
DST
#1
DST 1 - CHART
(BLANKED OFF)

TEST HISTORY

Tk#13261 DST#1 Dewell #1-132 Presco Western,L.L.C

Flag Points

	t(Min.)	P(PSIg)
A:	0.00	2448.42
B:	0.00	251.27
C:	12.33	405.28
D:	46.67	1416.11
E:	0.00	433.14
F:	41.00	708.81
G:	51.67	1172.13
Q:	0.00	2339.31



TRILOBITE TESTING L.L.C.

OPERATOR : Presco Western,L.L.C DATE 12/09/200
WELL NAME: Dewell #1-132 KB 3275.00 ft TICKET NO: 13261 DST #1
LOCATION : sec.2 GR 3265.00 ft FORMATION: Marrow Marine
INTERVAL : 5395.00 To 5431.00 ft TD 5530.00 ft TEST TYPE: CONVENTIONAL/STADDLE

RECORDER DATA

Mins		Field	1	2	3	4
PF 15	Rec.	13805	13805	2350	10991	
SI 45	Range(Psi)	4250.0	4250.0	4995.0	4200.0	0.0
SF 45	Clock(hrs)	12hr.	12hr.	elec.	12hr.	
FS 45	Depth(ft)	5424.0	5424.0	5405.0	5527.0	0.0

TIME DATA----------
PF Fr. 2252 to 2307 hr
IS Fr. 2307 to 2352 hr
SF Fr. 2352 to 0037 hr
FS Fr. 0037 to 0122 hr

	Field	1	2	3	4
A. Init Hydro	2645.0	0.0	2448.0	0.0	0.0
B. First Flow	248.0	0.0	251.0	0.0	0.0
B1. Final Flow	410.0	0.0	405.0	0.0	0.0
C. In Shut-in	1491.0	0.0	1416.0	0.0	0.0
D. Init Flow	485.0	0.0	433.0	0.0	0.0
E. Final Flow	730.0	0.0	708.0	0.0	0.0
F. Fl Shut-in	1211.0	0.0	1172.0	0.0	0.0
G. Final Hydro	2688.0	0.0	2339.0	0.0	0.0
Inside/Outside	0	0	I	S	

T STARTED 1726 hr
T ON BOTM 2249 hr
T OPEN 2252 hr
T PULLED 0122 hr
T OUT 0530 hr

RECOVERY
Tot Fluid 1900.00 ft of 762.96 ft in DC and 1137.04 ft in DP
120.00 ft of GCMW 10%gas 60%water 30%mud
1780.00 ft of salt water 100%water
0.00 ft of trace of gas in pipe
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
SALINITY 75000.00 P.P.M. A.P.I. Gravity 0.00

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

Tool Wt.	2100.00 lbs
Wt Set On Packer	20000.00 lbs
Wt Pulled Loose	110000.00 lbs
Initial Str Wt	90000.00 lbs
Unseated Str Wt	94000.00 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	762.96 ft
D.P. Length	4726.04 ft

BLOW DESCRIPTION
IF:Fair blow b.o.b in 2 mins.

ISI:Bled down for 2 mins.no blow back.

FF:Fair blow b.o.b in 3 mins.

FSI:Bled down for 4 mins.no blow back.

SAMPLES:
SENT TO:

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

Mud Type	Chemical
Weight	8.90 lb/cf
Vis.	47.00 S/L
W.L.	6.80 in3
F.C.	0.32 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	132.00 F
Hole Condition	fair
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	3
Cushion Amt.	0.00 n
Cushion Type	none
Reversed Out N	
Tool Chased N	
Tester	Darren L.Amerine
Co. Rep.	Ken LaBlanc
Contr.	Big "A"
Rig #	4
Unit #	none
Pump T.	none

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL/STADDLE

WELL NAME: Dewell #1-132

LOCATION : sec.2

TICKET No. 13261 D.S.T. No. 1 DATE 12/09/200

TOTAL TOOL TO BOTTOM OF TOP PACKERS 28

INTERVAL TOOL .....

BOTTOM PACKERS AND ANCHOR 43

TOTAL TOOL 71

DRILL COLLAR ANCHOR IN INTERVAL .....

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands 1 Single 1 Total 93

TOTAL ASSEMBLY 164

D.C. ABOVE TOOLS.Stands12 Single 1 Total 762.96

D.P. ABOVE TOOLS.Stands74 Single 1 Total 4631.04

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5558

TOTAL DEPTH 5530

TOTAL DRILL PIPE ABOVE K.B. 28

REMARKS:

P.O. SUB Top of tool @ 5368
C.O. SUB 5369

S.I. TOOL 5374

HMV 5379

JARS 5384

SAFETY JOINT 5386

PACKER 5390

PACKER 5395
DEPTH 5395
STUBB 1'stubb to 5396
ANCHOR 35'of perfs.to 5431

Alpine rec. @ 5405

Ak-1 rec. @ 5424

T.C.
DEPTH

PACKER 5431
1'stubb to 5432
3' of perfs.to 5435

5435
93'of drillpipe to 5528

Ak-1 rec.@ 5527

BULLNOSE 2' bullnose to 5530
T.D.

DST 2) 5470-5530 (Basal Morrow Sand)

Times: 15-45-30-30

1st open: weak blow building to 3/4" in bucket, NO GAS TO SURFACE
(NO BLOWBACK)

2nd open: NO BLOW, NO GAS TO SURFACE
(NO BLOWBACK)

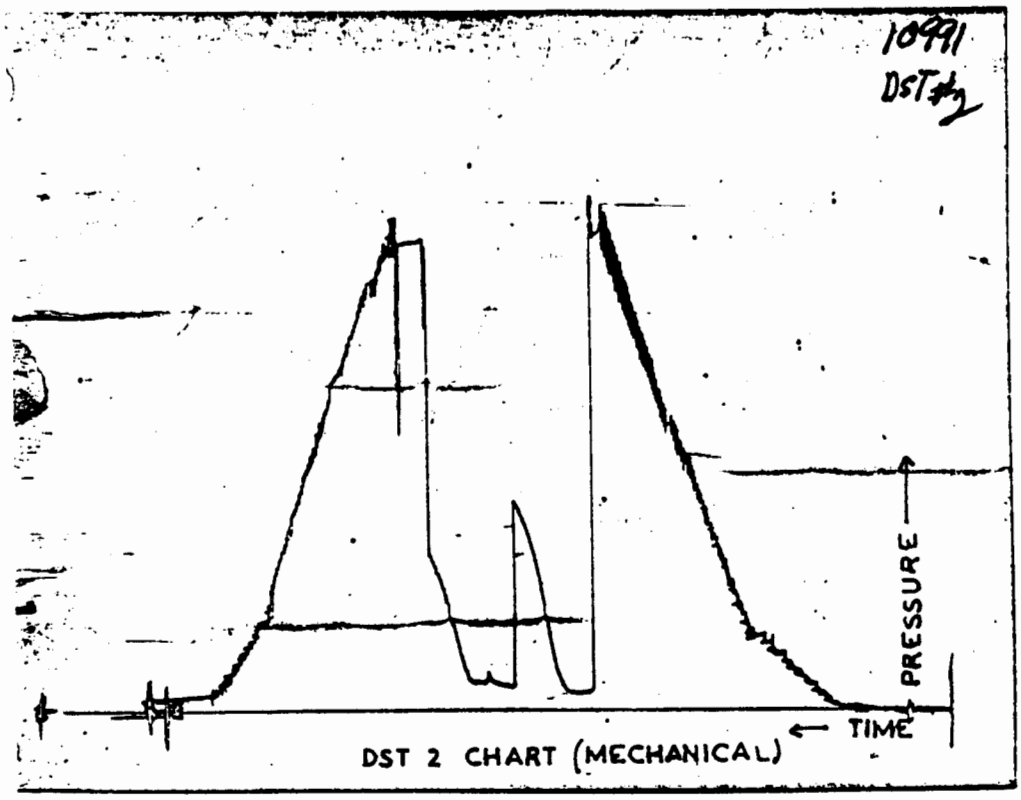
Rec: NO GAS IN PIPE
60' Drilling Mud (100% mud)
60' Total Fluid

	AK-1 (mechanical)		Alpine (electronic)	(--RECORDERS
INVALID	IHYD: 2806	psi	IHYD: 2493	psi
chart	IFP: 106-106	psi	IFP: 28-35	psi
moved	IBHP: 1151	psi	IBHP: 1090	psi
off	FFP: 128-149	psi	FFP: 56-78	psi
baseline	FBHP: 853	psi	FBHP: 825	psi
	FHYD: 2722	psi	FHYD: 2377	psi

TEMP: 126 degrees F

Tester: Darren Amerine, Trilobite Testing LLC., Pratt KS, Disctrict

Note: conventional DST (dual packers, safety joint, jars, electronic recorders, circulating sub), NO bottom sampler

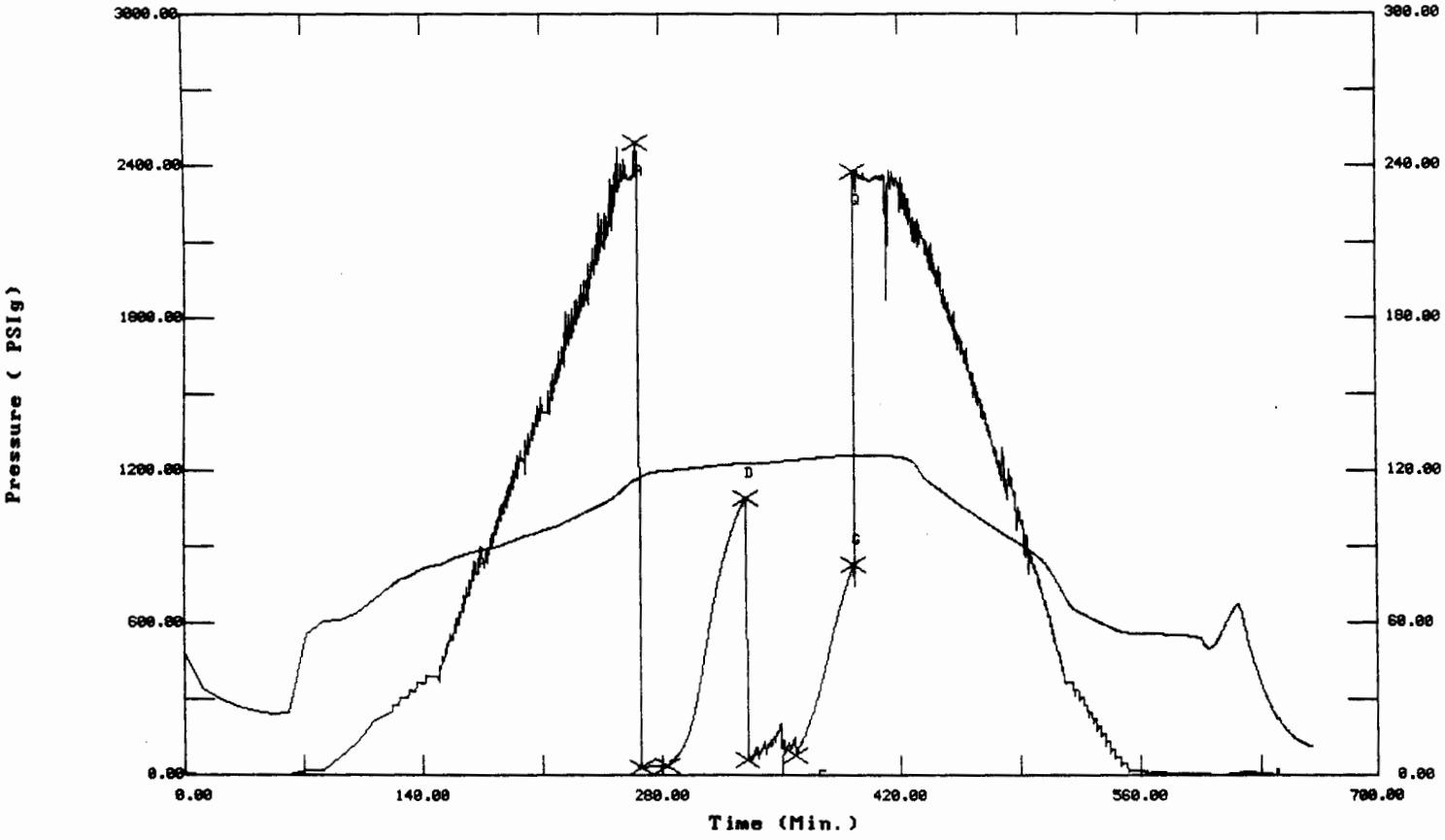


TEST HISTORY

Tk#13262 DST#2 Dewell#1-132 Presco Western,L.L.C.

Flag Points

	t(Min.)	P(PSIg)
A:	0.00	2492.98
B:	0.00	27.94
C:	15.33	35.41
D:	46.00	1090.38
E:	0.00	56.31
F:	28.33	77.88
G:	34.33	825.25
Q:	0.00	2376.83



TRILOBITE TESTING L.L.C.

OPERATOR : Presco Western,L.L.C. DATE 12/10/200
WELL NAME: Dewell #1-132 KB 3275.00 ft TICKET NO: 13262 DST #2
LOCATION : sec.2 twp.29s rge.40w GR 3265.00 ft FORMATION: Basal morrow sd.
INTERVAL : 5470.00 To 5530.00 ft TD 5530.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4
PF 15	Rec.	10991	10991	2350		
SI 45	Range(Psi)	4200.0	4200.0	4995.0	0.0	0.0
SF 30	Clock(hrs)	12hr.	12hr.	elec.		
FS 30	Depth(ft)	5527.0	5527.0	5476.0	0.0	0.0

TIME DATA----------
PF Fr. 2021 to 2036 hr
SI Fr. 2036 to 2121 hr
SF Fr. 2121 to 2151 hr
FS Fr. 2151 to 2221 hr

	Field	1	2	3	4
A. Init Hydro	2806.0	0.0	2493.0	0.0	0.0
B. First Flow	106.0	0.0	28.0	0.0	0.0
B1. Final Flow	106.0	0.0	35.0	0.0	0.0
C. In Shut-in	1151.0	0.0	1090.0	0.0	0.0
D. Init Flow	128.0	0.0	56.0	0.0	0.0
E. Final Flow	149.0	0.0	78.0	0.0	0.0
F. Fl Shut-in	853.0	0.0	825.0	0.0	0.0
G. Final Hydro	2722.0	0.0	2377.0	0.0	0.0
Inside/Outside	0	0	I		

T STARTED 1552 hr
T ON BOTM 2018 hr
T OPEN 2021 hr
T PULLED 2221 hr
T OUT 0200 hr

RECOVERY
Tot Fluid 60.00 ft of 60.00 ft in DC and 0.00 ft in DP
60.00 ft of drilling mud
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
SALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

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

Tool Wt.	2100.00 lbs
Wt Set On Packer	20000.00 lbs
Wt Pulled Loose	95000.00 lbs
Initial Str Wt	80000.00 lbs
Unseated Str Wt	80000.00 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	762.96 ft
D.P. Length	4727.04 ft

BLOW DESCRIPTION
IF:Weak blow built to 3/4"in diesel-
bucket slowly died off to 1/4".

ISI:Bled down for 30 sec.no blow back.

FF:Dead no blow.

FSI:No blow back.

SAMPLES: Caraway Analytical 728 N.Roosevelt
SENT TO:Liberal,Ks.67901

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

Mud Type	Chemical
Weight	9.00 lb/cf
Vis.	57.00 S/L
W.L.	10.00 in3
F.C.	0.32 in
Mud Drop	N
Amt. of fill	0.00 ft
Btm. H. Temp.	126.00 F
Hole Condition	fair
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 n
Cushion Type	none
Reversed Out	N
Tool Chased	N
Tester	Darren L.Amerine
Co. Rep.	Ken LaBlanc
Contr.	Big"A"
Rig #	4
Unit #	none
Pump T.	none

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Dewell #1-132

LOCATION : sec.2 twp.29s rge.40w

TICKET No. 13262 D.S.T. No. 2 DATE 12/10/200

TOTAL TOOL TO BOTTOM OF TOP PACKERS 28

INTERVAL TOOL .....

BOTTOM PACKERS AND ANCHOR 29

TOTAL TOOL 57

DRILL COLLAR ANCHOR IN INTERVAL .....

D.C. ANCHOR STND.Stands Single Total

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

TOTAL ASSEMBLY 88

D.C. ABOVE TOOLS.Stands12 Single 1 Total 762.96

D.P. ABOVE TOOLS.Stands75 Single 1 Total 4969.04

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5547

TOTAL DEPTH 5530

TOTAL DRILL PIPE ABOVE K.B. 17

REMARKS: