

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 32309
Name: Presco Western, LLC
Address: 1775 Sherman Street, Suite 2950
Denver, CO 80203
City/State/Zip:
Purchaser: N/A
Operator Contact Person: Richard J. Gray
Phone: (303) 864-1881 ext. 103
Contractor: Name: Cheyenne Drilling
License: 5382
Wellsite Geologist: N/A

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:
Operator: Harris Oil and Gas Company
Well Name: Johns #2-524

Original Comp. Date: 1/1/01 Original Total Depth: 5610'
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____
Testing
5/23/01 5/26/01 5/26/01
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 129-21621-0001
County: Morton
SW SW NW Sec. 24 Twp. 32 S. R. 41 East West
2310 feet from S (circle one) Line of Section
330 feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Johns "OWWD" Well #: 2-524
Lease Name: Richfield
Field Name: Dry

Producing Formation: Dry
Elevation: Ground: 3394 Kelly Bushing: 3403
Total Depth: 5610 Plug Back Total Depth: 3000
Amount of Surface Pipe Set and Cemented at 1737 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan D&A 92 10/16/01
(Data must be collected from the Reserve Pit)
Chloride content 8000 ppm Fluid volume 800 bbls
Dewatering method used Dried and Filled
Location of fluid disposal if hauled offsite:
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

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

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

Signature: [Signature]
Title: President Date: 6/18/01
Subscribed and sworn to before me this 19th day of June
2001
Notary Public: [Signature]
Date Commission Expires: 11-9-04

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
JUN 20 2001

6-20-01
KCC Office Use ONLY
 Letter of Confidentiality Attached
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
KCC

ORIGINAL

Operator Name: Presco Western, LLC Lease Name: Johns Well #: 2-524
 Sec. 24 Twp. 32 S. R. 41 East West County: Morton

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See Attached from logs ran previously	
Electric Log Run <i>(Submit Copy)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
List All E. Logs Run:			

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used (from previous ACO_1-no changes)							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./ Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	23	1737'	Lite/C	560/125	2% CaCl & 1/4# Flocele / 2% CaCL

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

RECEIVED
 KANSAS CORPORATION COMMISSION
 JUN 20 2001

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

CONSERVATION DIVISION

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

Disposition of Gas METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
(if vented, Sumit ACO-18.) Other (Specify) Dry and Abandoned

ORIGINAL

Curtis H. Covey

PETROLEUM GEOLOGIST

**GEOLOGIC
REPORT
LOG**

COMPANY: HARRIS OIL & GAS COMPANY

WELL: JOHNS # 2-524

FIELD: _____

LOCATION: 2310' FNL + 330' FWL

SEC. 24 TWP. 32 S RGE. 41 W

County: MORTON

State: KANSAS

Operator: HARRIS OIL & GAS COMPANY

Contractor: BIG "A" DRILLING - RIG #4

Comm: 15 Dec 2000 Comp: 11-1-C "L"

CASING RECORD

SURFACE: 8 7/8" @ 1737. 560s x LITE + 125s x "C"

PRODUCTION: None

TOTAL DEPTH DRILLERS: 5610'

TOTAL DEPTH LOGGERS: 5597'

PRODUCTION

P & E

ELEVATION: KB 3403'

DF 3401'

* LOG MEASURED FROM: GL 3393'

KB API 15-129-21,621

Samples saved from: 2800' to RTD.

Drilling Time from: 2700' to RTD.

Samples Examined from: 2800' to RTD.

Wellsite Geologist: CURTIS COVEY
DERBY, KS.

Electrical Surveys: DIL-SFL-GR;
CNL-FDC-GR; ML
SCHUMBERGER.

Gas Detection Trailer: EARTH-TECH OGL
HOOKER, OK.

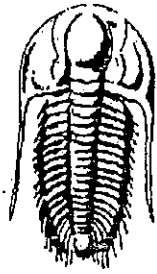
FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE TOP	DATUM ELEV.	ELECTRIC LOG TOP	DATUM ELEV.
TOPEKA	3224	+179	3220	+183
HEEBNER SH	3622	-219	3614	-211
LANSING GP	3740	-337	3727	-324
KC	4064	-661	4036	-653
MARMATON	4260	-857	4252	-849
CHEROKEE SH	4488	-1085	4490	-1087
MORROW SH	4872	-1469	4870	-1467
"Liko" Sec. Genevieve	5434	-2031	5432	-2029
St. Louis	5522	-2119	5516	-2113

AGO-1 COPY

GEO-LOG DONE BEFORE E-LOG. E-LOG IS HIGH 4' to LOW 6 FEET TO ROTARY DEPTH

ORIGINAL



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Presco Western LLC**

1775 Sherman st ste2950 Denver Co 80203-4234

ORIGINAL

ATTN: Harold Fraulie

24-32-41

Johns 2-524

Start Date: 2001.05.24 @ 20:37:23

End Date: 2001.05.25 @ 05:35:36

Job Ticket #: 14201 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Presco Western LLC
Johns 2-524
24-32-41
DST # 1
Marrow Marine 3
2001.05.24



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Presco Western LLC

Johns 2-524

1775 Sherman st ste2950 Denver Co 80203-4234

24-32-41

Job Ticket: 14201

DST#: 1

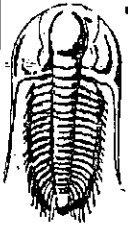
ATTN: Harold Fraulie

Test Start: 2001.05.24 @ 20:37:23

Tool Information

Drill Pipe: Length: 4909.00 ft	Diameter: 3.80 inches	Volume: 68.86 bbl	Tool Weight: 1800.00 lb
Heavy Wt. Pipe: Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar: Length: 309.00 ft	Diameter: 2.25 inches	Volume: 1.52 bbl	Weight to Pull Loose: 95000.00 lb
Total Volume: 70.38 bbl			Tool Chased: 0.00 ft
Drill Pipe Above KB: 8.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer: 5240.00 ft			Final 70000.00 lb
Depth to Bottom Packer: 5286.00 ft			
Interval between Packers: 46.00 ft			
Tool Length: 387.00 ft			
Number of Packers: 3	Diameter: 6.75 inches		
Tool Comments:			

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			5211.00	
S.I. Tool	5.00			5216.00	
Sampler	3.00			5219.00	
HMV	5.00			5224.00	
Jars	5.00			5229.00	
Safety Joint	2.00			5231.00	
Packer	5.00			5236.00	30.00 Bottom Of Top Packer
Packer	4.00			5240.00	
Stubb	1.00			5241.00	
Perforations	1.00			5242.00	
Recorder	0.00	3026	Inside	5242.00	
Perforations	5.00			5247.00	
C.O. Sub	1.00			5248.00	
Blank Spacing	31.00			5279.00	
C.O. Sub	1.00			5280.00	
Perforations	5.00			5285.00	
Recorder	0.00	13278	Outside	5285.00	
Blank Off Sub	1.00			5286.00	46.00 Tool Interval
Packer	4.00			5290.00	
Stubb	1.00			5291.00	
C.O. Sub	1.00			5292.00	
Blank Spacing	277.00			5569.00	
C.O. Sub	1.00			5570.00	
Perforations	24.00			5594.00	
Recorder	0.00	13278	Outside	5594.00	
Bullnose	3.00			5597.00	311.00 Bottom Packers & Anchor
Total Tool Length:		387.00			



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Presco Western LLC Johns-2-524

1775 Sherman st ste2950 Denver Co 80203-4234 24-32-41

Job Ticket: 14201

DST#: 1

ATTN: Harold Fraulie

Test Start: 2001.05.24 @ 20:37:23

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 52.00 sec/qt

Water Loss: 11.93 in³

Resistivity: ohm.m

Salinity: ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

deg API

Water Salinity:

ppm

Recovery Information

Recovery Table

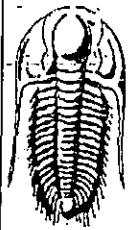
Length ft	Description	Volume bbl
120.00	gassy w atery mud 15% G 35%W 50%M	0.590
120.00	gassy w atery mud 10%G 30%W 60%M	0.590
120.00	gassy w ater mud 5% G 25% w 70% M	1.055
180.00	mud	2.525

Total Length: 540.00.ft Total Volume: 4.760 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location: .

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Presco Western LLC

Johns 2-524

1775 Sherman st ste2950 Denver Co 80203-4234

24-32-41

Job Ticket: 14201

DST#: 1

ATTN: Harold Fraulie

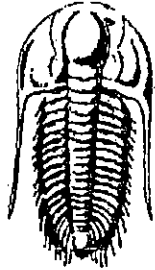
Test Start: 2001.05.24 @ 20:37:23

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	15	0.38	3.00	63.74
1	15	0.38	3.00	63.74
1	20	0.38	3.00	63.74
1	30	0.38	2.00	60.08
2	5	0.38	2.00	60.08
2	15	0.38	2.00	60.08



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Presco Western LLC**

1775 Sherman st ste2950 Denver Co 80203-4234

ATTN: Harold Fraulie

24-32-41

Johns 2-524

Start Date: 2001.05.25 @ 10:19:13

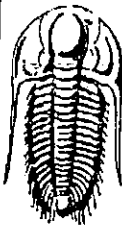
End Date: 2001.05.25 @ 21:35:56

Job Ticket #: 14202 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Presco Western LLC - - - - - Johns 2-524

1775 Sherman st ste2950 Denver Co 80203-4234 24-32-41

ATTN: Harold Fraulie

Job Ticket: 14202 DST#: 2

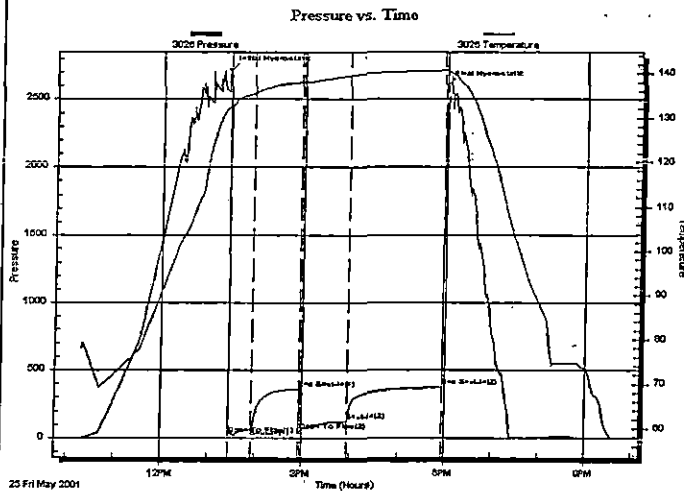
Test Start: 2001.05.25 @ 10:19:13

GENERAL INFORMATION:

Formation: **Morrow**
 Deviated: **No Whipstock:** ft (KB)
 Test Type: **Conventional Straddle**
 Time Tool Opened: **13:26:41**
 Tester: **Blake Wallace**
 Time Test Ended: **21:35:56**
 Unit No: **20**
 Interval: **5345.00 ft (KB) To 5358.00 ft (KB) (TVD)**
 Reference Elevations: **3405.00 ft (KB)**
 Total Depth: **5597.00 ft (KB) (TVD)**
3394.00 ft (CF)
 Hole Diameter: **7.88 inches** Hole Condition: **Poor**
 KB to GR/CF: **11.00 ft**

Serial #: 3026 Inside
 Press@RunDepth: **123.26 psig @ 5347.00 ft (KB)** Capacity: **7000.00 psig**
 Start Date: **2001.05.25** End Date: **2001.05.25** Last Calib.: **2001.12.30**
 Start Time: **10:19:13** End Time: **21:35:56** Time On Btm: **2001.05.25 @ 13:24:56**
 Time Off Btm: **2001.05.25 @ 17:58:26**

TEST COMMENT: IF-strong blow BOB 1 min
 IS-no blow back
 FF-strong blow BOB as soon as open
 FS-blow back built to .5 inches



PRESSURE SUMMARY

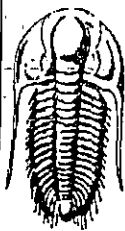
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2715.08	132.52	Initial Hydro-static
2	24.46	132.62	Open To Flow (1)
31	66.24	135.68	Shut-In(1)
90	363.14	138.06	End Shut-In(1)
93	46.91	138.11	Open To Flow (2)
152	123.26	139.51	Shut-In(2)
272	372.25	140.60	End Shut-In(2)
274	2602.91	140.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
92.00	48% gas 2% oil 20% water 30% mud	0.45
92.00	2% oil 28% water 70% mud	0.45
134.00	10% gas 90% mud	0.75

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Preco Western LLC

Johns 2-524

1775 Sherman st ste2950 Denver Co 80203-4234

24-32-41

Job Ticket: 14202

DST#: 2

ATTN: Harold Fraulie

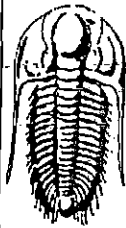
Test Start: 2001.05.25 @ 10:19:13

Tool Information

Drill Pipe:	Length: 5032.00 ft	Diameter: 3.80 inches	Volume: 70.59 bbl	Tool Weight: 1800.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 308.00 ft	Diameter: 2.25 inches	Volume: 1.51 bbl	Weight to Pull Loose: 160000.0 lb
			<u>Total Volume: 72.10 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	5345.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	5359.00 ft			
Interval between Packers:	14.00 ft			
Tool Length:	286.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			5316.00	
S.I. Tool	5.00			5321.00	
Sampler	3.00			5324.00	
HMV	5.00			5329.00	
Jars	5.00			5334.00	
Safety Joint	2.00			5336.00	
Packer	5.00			5341.00	30.00 Bottom Of Top Packer
Packer	4.00			5345.00	
Stubb	1.00			5346.00	
Perforations	1.00			5347.00	
Recorder	0.00	3026	Inside	5347.00	
Perforations	11.00			5358.00	
Recorder	0.00	13278	Outside	5358.00	
Blank Off Sub	1.00			5359.00	14.00 Tool Interval
Packer	4.00			5363.00	
Stubb	1.00			5364.00	
C.O. Sub	1.00			5365.00	
Blank Spacing	217.00			5582.00	
C.O. Sub	1.00			5583.00	
Perforations	16.00			5599.00	
Recorder	0.00	11019	Outside	5599.00	
Bullnose	2.00			5601.00	242.00 Bottom Packers & Anchor
Total Tool Length:	286.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Presco Western LLC

Johns 2-524

1775 Sherman st ste2950 Denver Co 80203-4234

24-32-41

Job Ticket: 14202

DST#: 2

ATTN: Harold Fraulie

Test Start: 2001.05.25 @ 10:19:13

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

24000 ppm

Viscosity: 68.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
92.00	48% gas 2% oil 20% w ater 30% mud	0.452
92.00	2%oil 28% w ater 70% mud	0.452
134.00	10% gas 90% mud	0.750

Total Length: 318.00 ft Total Volume: 1.654 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: sampler had no pressure

RW= .293 @ 69 deg chlorides = 24000

Serial #: 3026

Inside

Presco Western LLC

24-32-41

DST Test Number: 2

