

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

Operator: License # 6149

Name: Dunne Equities, Inc.

Address 8100 E. 22nd Street N. #1100

City/State/Zip Wichita, KS 67226

Purchaser: None

Operator Contact Person: Donna Armistead

Phone ( 316 ) 684 6508

Contractor: Name: Zenith Drilling Corp.

License: 5141

Wellsite Geologist: Bob Posey

Designate Type of Completion

New Well  Re-Entry  Workover

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

If Workover/Re-Entry: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PWTB  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

7-17-93 7-31-93 P&A 7-31-93  
Spud Date Date Reached TD Completion Date

API NO. 15- 067-21226-0000

County Grant

NE NE SE Sec. 24 Twp. 29S Rng. 35W  <sup>E</sup><sub>W</sub>

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:  
NE, SE, NW or SW (circle one)

Lease Name Koehn Well # 1-24

Field Name Wildcat

Producing Formation None

Elevation: Ground 3020 KB 3031

Total Depth 5791 PBTB \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 1815' 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/ \_\_\_\_\_ sz cat.

Drilling Fluid Management Plan DFA R-23-93  
(Data must be collected from the Reserve Pit)

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

Quarter Sec. Twp. Rng. E/W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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

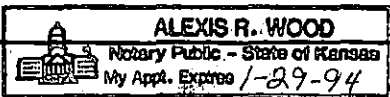
Signature Donna M. Armistead

Title Secretary Date 8-11-93

Subscribed and sworn to before me this 11th day of August 19 93.

Notary Public Alexis R. Wood

Date Commission Expires \_\_\_\_\_



K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution AUG 21 1993  
 KCC  SWD/Rep  NSPA  
 KCS  Plug  Other (Specify)

P1

Operator Name Dunne Equities, Inc. Lease Name Koehn Well # 1-24

Sec. 24 Twp. 29S Rge. 35W  
 East  
 West

County Grant

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
 (Attach Additional Sheets.)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy.)

List All E.Logs Run:  
 Compensated Sonic, Spectral Density Dual  
 Neutron II, Dual Induction Laterolog.

Log Name	Formation (Top)	Depth	Datum	Sample
	Base of Heebner	4008		
	Toronto	4024		
	Lansing	4108		
	Kansas City	4556		
	Marmaton	4718		
	Chester Sand	5520		
	St. Genevieve	5644		
	St. Louis	5692		

**CASING RECORD**  New  Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/2	8 5/8	New	1815	Prem	775	2% CC

**ADDITIONAL CEMENTING/SQUEEZE RECORD**

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

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

**TUBING RECORD**

Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SVD or Inj. \_\_\_\_\_ Producing Method  Flowing  Pumping  Gas Lift  Other (Explain) \_\_\_\_\_

Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity

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

**METHOD OF COMPLETION**

Open Hole  Perforated  Dually Comp.  Commingled  
 Plugged and Abandoned  
 Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_





**WELL DATA**

FIELD NO. \_\_\_\_\_ SEC. *24* TWP. *29* RING. *35* COUNTY *Craig* STATE *Ms*

FORMATION TYPE \_\_\_\_\_

FORMATION THICKNESS FROM \_\_\_\_\_ TO \_\_\_\_\_

INITIAL PROD. \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD

PRESS. PROD. \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD

COMPLETION DATE \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. \_\_\_\_\_

PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_

BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_

MISC. DATA \_\_\_\_\_ TOTAL DEPTH \_\_\_\_\_

**JOB DATA**

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <i>7-18</i>	DATE <i>7-18</i>	DATE <i>7-18</i>	DATE <i>7-18</i>
TIME <i>1230</i>	TIME <i>1530</i>	TIME <i>2110</i>	TIME <i>2230</i>

**PERSONNEL AND SERVICE UNITS**

NAME	UNIT NO. & TYPE	LOCATION
<i>L. Smith</i>	<i>C4463</i>	<i>Liberal Ms</i>
<i>D. Pierce</i>	<i>B7106</i>	<i>"</i>
<i>J. Mac n</i>	<i>F4549</i>	<i>Hugoton Ms</i>
<i>S. Tate</i>	<i>F0568</i>	<i>"</i>

**TOOLS AND ACCESSORIES**

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <i>Insert 8 7/8</i>	<i>1</i>	<i>Howco</i>
FLOAT SHOE <i>Fill Tube</i>	<i>1</i>	
GUIDE SHOE <i>Texas</i>	<i>1</i>	
CENTRALIZERS	<i>3</i>	
BOTTOM PLUG		
TOP PLUG	<i>1</i>	
HEAD	<i>1</i>	
RACKER <i>Weld A</i>	<i>4</i>	
OTHER		

**MATERIALS**

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API

DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %

SURFACTANT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN

NE AGENT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN

FLUID LOSS ADD. TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN

GELLING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN

FRIC. RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN

BREAKER TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN

BLOCKING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_

PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_

OTHER \_\_\_\_\_

OTHER \_\_\_\_\_

**DEPARTMENT** *Cmt*

DESCRIPTION OF JOB *Cement 8 7/8 Surface*

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG./ANN.

CUSTOMER REPRESENTATIVE *X Greg Scott*

HALLIBURTON OPERATOR *Smith* COPIES REQUESTED \_\_\_\_\_

**CEMENT DATA**

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<i>625</i>	<i>Prem Plus</i>	<i>WCC</i>	<i>B</i>	<i>27cc 1/4 Flocc</i>	<i>2.06</i>	<i>12.3</i>
	<i>150</i>	<i>Prem Plus</i>		<i>B</i>	<i>27cc</i>	<i>1.32</i>	<i>14.8</i>

**PRESSURES IN PSI**

**SUMMARY**

**VOLUMES**

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_ PRES. SLUSH: BBL. GAL. \_\_\_\_\_ TYPE \_\_\_\_\_

BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_ LOAD & BKDN: BBL. GAL. \_\_\_\_\_ PAD: BBL. GAL. \_\_\_\_\_

AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_ TREATMENT: BBL. GAL. \_\_\_\_\_ DISPL.: BBL. GAL. *#13*

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN \_\_\_\_\_ CEMENT SLURRY: BBL. GAL. *229 1/2 = 35 1/2*

HYDRAULIC HORSEPOWER \_\_\_\_\_ TOTAL VOLUME: BBL. GAL. *378*

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_ **RAMARKS**

AVERAGE RATES IN BPM \_\_\_\_\_ *See Job Log*

TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_

CEMENT LEFT IN PIPE \_\_\_\_\_

FEET *45'* REASON *Shoe JT.*

CUSTOMER *June Equities*  
LEASE *Locha*  
WELL NO. *1-29*  
JOB TYPE *8 7/8 Surface*  
DATE *7-18-93*



CHARGE TO:  
 ADDRESS: Dunne Equities  
 CITY, STATE, ZIP CODE:

COPY

TICKET

No.

507330 - X

FORM 1906 R-12

SERVICE LOCATIONS 1. <u>L. B. Neal Co 023340</u>	WELL/PROJECT NO. <u>1-24</u>	LEASE <u>Koehn</u>	COUNTY/PARISH <u>Grant</u>	STATE <u>KI</u>	CITY/OFFSHORE LOCATION	DATE <u>7-18-93</u>
2. <u>Houston Co 023335</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <u>Zenith</u>	RIG NAME/NO. <u>7</u>	SHIPPED VIA <u>P.U</u>	DELIVERED TO <u>Loc</u>
3.	WELL TYPE	WELL CATEGORY <u>01</u>	JOB PURPOSE <u>010</u>	WELL PERMIT NO.	WELL LOCATION	ORDER NO.
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS				

STATE COMMISSION  
 RECEIVED  
 AUG 20 1993  
 CONSERVATION DIVISION  
 Wichita, Kansas

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY.	U/M				
000-117						MILEAGE	17	Mi	1	Trk	2.75	46.75
001-016						Pump Charge	1818	ft	8	hrs		1105.00
030-018						Top Plug	1	EA	8 1/2	IN		130.00
16A	830.2171					Guide Shoe	1	EA				161.00
24A	815.19502					Insert Float	1	EA				171.00
27	815.19415					F. 11 Tube	1	EA				55.00
40	807.93059					Centralizers	3	EA			72.00	216.00

ORIGINAL

<b>LEGAL TERMS:</b> Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, <b>PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY</b> provisions. CUSTOMER OR CUSTOMER'S AGENT SIGNATURE <u>X [Signature]</u> DATE SIGNED <u>7-18-93</u> TIME SIGNED <u>5:00</u> <input type="checkbox"/> A.M. <input checked="" type="checkbox"/> P.M. <input type="checkbox"/> I do <input type="checkbox"/> do not require IPC (Instrument Protection). <input type="checkbox"/> Not offered	SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN		<b>SURVEY</b> AGREE UN-DECIDED DIS-AGREE		PAGE TOTAL  FROM CONTINUATION PAGE(S) <u>8531 43</u>  SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE
	TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?		
	BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?		
	TYPE OF EQUALIZING SUB.	CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?		
TUBING SIZE	TUBING PRESSURE	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
WELL DEPTH		ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO		
TREE CONNECTION	TYPE VALVE	<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT) <u>Craig Scott</u>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <u>X [Signature]</u>	HALLIBURTON OPERATOR/ENGINEER <u>[Signature]</u>	EMP # <u>04463</u>	HALLIBURTON APPROVAL
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ORIGINAL

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



INVOICE

INVOICE NO.	DATE
507330	07/18/1993

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
OEHN 1-24		GRANT		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
LIBERAL		ZENITH 7	CEMENT SURFACE CASING		07/18/1993
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
56965	GREG SCOTT			COMPANY TRUCK	53535

DIRECT CORRESPONDENCE TO:

DUNNE EQUITIES  
8100 EAST 22ND STREET NORTH  
BUILDING 1100  
WICHITA, KS 67226-2311

OKLAHOMA TOWER  
210 WEST PARK AVENUE  
SUITE 2000  
OKLAHOMA CITY, OK 73102-5601

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
000-117	TRICING AREA - MID CONTINENT MILEAGE	17 MI		2.75	46.75
		1 UNT			
001-016	CEMENTING CASING	1818 FT		1,105.00	1,105.00
		1 UNT			
030-018	CEMENTING PLUG 5W, PLASTIC T	8 5/8 IN		130.00	130.00 *
		1 EA			
16A	CASING SHOE - 8 5/8" BRD THD	1 EA		161.00	161.00 *
830.2171					
24A	INSERT FLOAT VALVE - 8 5/8" B	1 EA		171.00	171.00 *
815.19502					
27	FILL-UP UNIT 7"- 8 5/8"	1 EA		55.00	55.00 *
815.19415					
40	CENTRALIZER 8-5/8" X 12.25"	3 EA		72.00	216.00 *
807.93059					
504-050	CEMENT - PREMIUM PLUS	150 SK		8.95	1,342.50 *
504-120	CEMENT - HALL. LIGHT PREM PL	625 SK		8.05	5,031.25 *
507-210	FLOCELE	156 LB		1.40	218.40 *
509-406	ANHYDROUS CALCIUM CHLORIDE	14 SK		28.25	395.50 *
500-207	BULK SERVICE CHARGE	813 CFT		1.25	1,016.25 *
500-306	MILEAGE CMTG MAT DEL OR RETN	620.619 TMI		.85	527.53 *

INVOICE SUBTOTAL

10,416.18

DISCOUNT-(BID)  
INVOICE BID AMOUNT

3,853.95-  
6,562.23

\*-KANSAS STATE SALES TAX  
\*-SEWARD COUNTY SALES TAX

285.99  
58.37

RECEIVED JUL 22 1993

*OK [Signature]*

RECEIVED  
STATE CORPORATION COMM

INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>

OCT 11 1993  
\$6,906.59

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs

CONSERVATION DIVISION  
Wichita, Kansas



CUSTOMER COPY



# HALLIBURTON ENERGY SERVICES

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

INVOICE

**ORIGINAL**

INVOICE NO.	DATE
507551	07/30/1993

WELL LEASE NO./PROJECT	WELL/PROJECT/LOCATION	STATE	OWNER
KOEHN 1-24	GRANT	KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
LIBERAL	ZENITH #7	PLUG TO ABANDON	07/30/1993
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
256965	GREG SCOTT		
			SHIPPED VIA
			COMPANY TRUCK
			FILE NO
			5419

DUNNE EQUITIES  
8100 EAST 22ND STREET NORTH  
BUILDING 1100  
WICHITA, KS 67226-2311

DIRECT CORRESPONDENCE TO:  
OKLAHOMA TOWER  
210 WEST PARK AVENUE  
SUITE 2000  
OKLAHOMA CITY, OK 73102-5601

REFERENCE NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
000-117	PRICING AREA - MID CONTINENT MILEAGE	21	MI	2.75	57.75
		1	UNT		
009-019	PLUGGING BK SPOT CEMENT OR M	3000	FT	1,215.00	1,215.00
		1	UNT		
504-043	CEMENT - PREMIUM	129	SK	8.69	1,121.01
506-105	POZMIX-A	4364	LB	.067	426.39
506-121	HALLIBURTON-GEL 2%	4	LB	.00	N/C
507-277	HALLIBURTON-GEL BENTONITE	8	SK	15.50	124.00
500-207	BULK SERVICE CHARGE	231	CFT	1.25	288.75
500-306	MILEAGE CMTG MAT DEL OR RETU	205.7895	TM1	.85	174.92
INVOICE SUBTOTAL					3,407.82
DISCOUNT-(BID)					511.15-
INVOICE BID AMOUNT					2,896.67

RECEIVED  
STATE CORPORATION COMMISSION  
AUG 20 1993  
CONSERVATION DIVISION  
Wichita, Kansas

INVOICE TOTAL - PLEASE PAY THIS AMOUNT ===== \$2,896.67

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



# TRILOBITE TESTING, L.L.C.

# ORIGINAL

P.O. Box 362 • Hays, Kansas 67601

## Drill-Stem Test Data

Well Name KOEHN #1-24 Test No. 1 Date 7/26/93  
Company DUNNE EQUITIES, INC. Zone MORROW  
Address 8100 E 22nd ST N/#1100 WICHITA KS 67202 Elevation 3031  
Co. Rep./Geo. BOB POSEY Cont. ZENITH RIG #7 Est. Ft. of Pay 6  
Location: Sec. 24 Twp. 29S Rge. 35W Co. GRANT State KS

Interval Tested 5280-5340 Drill Pipe Size 4.5" FH  
Anchor Length 60 Wt. Pipe I.D. - 2.7 Ft. Run \_\_\_\_\_  
Top Packer Depth 5276 Drill Collar - 2.25 Ft. Run 499/H-90  
Bottom Packer Depth 5280 Mud Wt. 8.9 lb/Gal.  
Total Depth 5340 Viscosity 58 Filtrate 7.4

Tool Open @ 2:40 AM Initial Blow WEAK SURFACE BLOW

Final Blow VERY WEAK SURFACE BLOW DIED IN 10 MINUTES

Recovery - Total Feet 5 Flush Tool? NO

Rec. 5 Feet of DRILLING MUD  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

BHT 122 °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery Chlorides 1000 ppm System

(A) Initial Hydrostatic Mud 2533.1 PSI AK1 Recorder No. 13850 Range 4325

(B) First Initial Flow Pressure 58.7 PSI @ (depth) 5284 w / Clock No. 17639

(C) First Final Flow Pressure 21.3 PSI AK1 Recorder No. 13851 Range 4425

(D) Initial Shut-in Pressure 56.6 PSI @ (depth) 5337 w / Clock No. 27585

(E) Second Initial Flow Pressure 56.6 PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_

(F) Second Final Flow Pressure 22.4 PSI @ (depth) \_\_\_\_\_ w / Clock No. \_\_\_\_\_

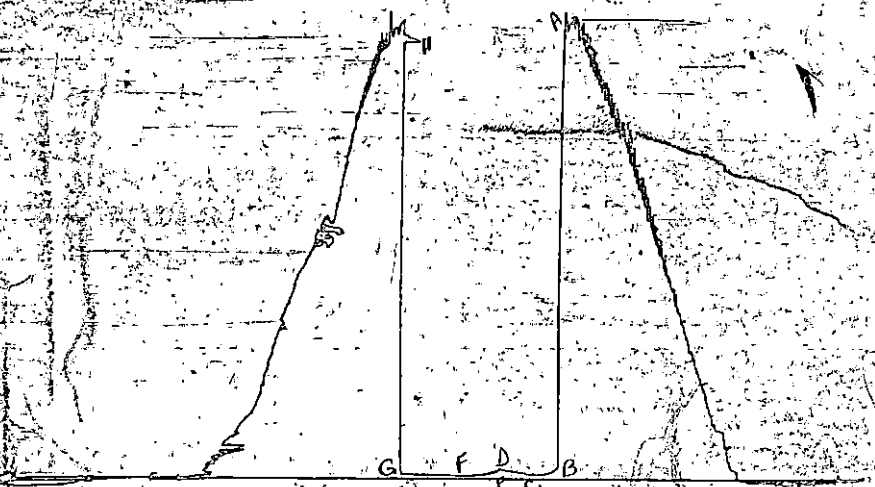
(G) Final Shut-in Pressure 32.0 PSI Initial Opening 15 Final Flow 30

(H) Final Hydrostatic Mud 2528.7 PSI Initial Shut-in 30 Final Shut-in 45

Our Representative ROBERT COLLINS

**AUG 21 1993**  
Final Flow 30  
Final Shut-in 45

D57 1  
13850



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2530	2533.1
(B) FIRST INITIAL FLOW PRESSURE	42	58.7
(C) FIRST FINAL FLOW PRESSURE	42	21.3
(D) INITIAL CLOSED-IN PRESSURE	53	56.6
(E) SECOND INITIAL FLOW PRESSURE	32	56.6
(F) SECOND FINAL FLOW PRESSURE	32	22.4
(G) FINAL CLOSED-IN PRESSURE	32	32
(H) FINAL HYDROSTATIC MUD	2530	2528.7

# TRILOBITE TESTING L.L.C.

P.O. BOX 362 • Hays, Kansas 67601

# ORIGINAL

## Test Ticket

No 5580

Well Name & No. Koehn 1-24 Test No. 1 Date 7-26-93  
 Company Punne Equities Inc Zone Tested Morrow  
 Address 800 E 22nd Street N. Burlington 1100 W. White Elevation 3031KB  
 Co. Rep./Geo Bob Posey Cont Zenith Rig 7 Est. Ft. of Pay 6  
 Location: Sec. 24 Twp. 29 Rge. 35W Co. Crawf State KS  
 No. of Copies 9 Distribution Sheet \_\_\_\_\_ Yes X No Turnkey \_\_\_\_\_ Yes X No \_\_\_\_\_ Evaluation \_\_\_\_\_

Interval Tested 5280-5340 Drill Pipe Size 4-1/2 FH  
 Anchor Length 60 Top Choke — 1" \_\_\_\_\_ Bottom Choke — 3/4" \_\_\_\_\_  
 Top Packer Depth 5276 Hole Size — 7 7/8" \_\_\_\_\_ Rubber Size — 6 3/4" \_\_\_\_\_  
 Bottom Packer Depth 5280 Wt. Pipe I.D. — 2.7 Ft. Run \_\_\_\_\_  
 Total Depth 5340 Drill Collar — 2.25 Ft. Run 499 (H-90)  
 Mud Wt. 8.9 lb / gal. Viscosity 58 Filtrate 7.4  
 Tool Open @ 2:40 AM Initial Blow Weak Surface blow

Final Blow Very Weak Surface blow died in 10 min

Recovery — Total Feet 5 Feet of Gas in Pipe \_\_\_\_\_ Flush Tool? NO

Rec.	Feet Of	%gas	%Oil	%water	%mud
Rec. <u>5</u>	Feet Of <u>DRG Mud</u>			%water <u>100</u>	%mud
Rec. _____	Feet Of _____			%water _____	%mud _____
Rec. _____	Feet Of _____			%water _____	%mud _____
Rec. _____	Feet Of _____			%water _____	%mud _____

BHT 122 °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API

RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery Chlorides 1000 ppm System

(A) Initial Hydrostatic Mud 2530 PSI AK1 Recorder No. 13850 Range 4325  
 (B) First Initial Flow Pressure 42 PSI @ (depth) 5284 w/Clock No. 17639  
 (C) First Final Flow Pressure 42 PSI AK1 Recorder No. 13851 Range 4425  
 (D) Initial Shut-In Pressure 53 PSI @ (depth) 5337 w/Clock No. 27585  
 (E) Second Initial Flow Pressure 32 PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_  
 (F) Second Final Flow Pressure 32 PSI @ (depth) \_\_\_\_\_ w/Clock No. \_\_\_\_\_  
 (G) Final Shut-In Pressure 32 PSI Initial Opening 15 Test X  
 (H) Final Hydrostatic Mud 2530 PSI Initial Shut-In 30 Jars X

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Final Flow 30 Safety Joint X  
 Final Shut-In 45 Straddle \_\_\_\_\_  
 Circ. Sub FN/C  
 Sampler \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  
 Other \_\_\_\_\_

Approved By Bob Posey  
 Our Representative R Colis