

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

Operator: License # 3317

Name: Beard Oil Company

Address P. O. Box 309

City/State/Zip McCook, NE 69001

Purchaser: _____

Operator Contact Person: John F. Mondero

Phone (308) 345 - 2480

Contractor: Name: Murfin Drilling Company, Inc.

License: 30606

Wellsite Geologist: Scott Banks

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: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

09-30-93 10-06-93 10-08-93
Spud Date Date Reached TD Completion Date

API NO. 15- 071-20610-00-00

County Greeley

- NE - NE - NE Sec. 28 Twp. 16S Rge. 42 E W

480 Feet from S (circle one) Line of Section

480 Feet from E/W (circle one) Line of Section

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

Lease Name Jackson Trust Well # 1-28

Field Name wildcat

Producing Formation _____

Elevation: Ground 3819' KB 3827'

Total Depth 5200' PBTB 5300'

Amount of Surface Pipe Set and Cemented at 355 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 12-14-93
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

_____ Quarter Sec. _____ Twp. _____ S 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 John F. Mondero

Title Production Engineer Date 10/22/93

Subscribed and sworn to before me this 22nd day of October, 19 93.

Notary Public Kathleen Shaffer
Kathleen Shaffer

Date Commission Expires 11-21-95

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
DISTRIBUTION
 KCC SWD/Rep
 KGS Plug
STATE CORPORATION COMMISSION
OCT 25 1993
(Specify)
CONSERVATION DIVISION
Wichita, Kansas

GENERAL NOTARY-STATE of Nebraska
KATHLEEN SHAFFER
My Comm. Exp. Nov. 21, 1995

10-25-93

Operator name Beard Oil Company Lease Name Jackson Trust Well # 1-28
 Sec. 28 Twp. 16S Rge. 42 East West
 County Greeley

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets.) Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.) List All E.Logs Run: Great Guns - DIL, Dual Compensated Porosity Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Heebner</td> <td>4074'</td> <td>(-247)</td> </tr> <tr> <td>Lansing</td> <td>4178'</td> <td>(-351)</td> </tr> <tr> <td>Marmaton</td> <td>4506'</td> <td>(-679)</td> </tr> <tr> <td>Cherokee</td> <td>4714'</td> <td>(-887)</td> </tr> <tr> <td>Atoka</td> <td>4828'</td> <td>(-1001)</td> </tr> <tr> <td>Morrow Sand</td> <td>4976'</td> <td>(-1149)</td> </tr> <tr> <td>Morrow Upper Sand</td> <td>5008'</td> <td>(-1181)</td> </tr> <tr> <td>Morrow Lower Sand</td> <td>5076'</td> <td>(-1249)</td> </tr> <tr> <td>Morrow Lm.</td> <td>5084'</td> <td>(-1257)</td> </tr> <tr> <td>Mississippi</td> <td>5132'</td> <td>(-1305)</td> </tr> </table>	Name	Top	Datum	Heebner	4074'	(-247)	Lansing	4178'	(-351)	Marmaton	4506'	(-679)	Cherokee	4714'	(-887)	Atoka	4828'	(-1001)	Morrow Sand	4976'	(-1149)	Morrow Upper Sand	5008'	(-1181)	Morrow Lower Sand	5076'	(-1249)	Morrow Lm.	5084'	(-1257)	Mississippi	5132'	(-1305)
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
surface	12 1/4"	8 3/4"		355'	60/40	235	2% Gel 3% CC

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

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

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

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

METHOD OF COMPLETION

Open Hole Perf. Dual Comp Coning/Led

Other (Specify) _____

Production Interval _____

WELL DATA

FIELD _____ SEC. 28 TWP. 16 R. 7 COUNTY Greene STATE MO

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

INITIAL PROD. OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____

PRESENT PROD. OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____

COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH 255

	WT.	WEIGHT	SIZE	FROM	TO	MAXIMUM PS ALLOWABLE
CASING	4	25	2 X	66	386	
LINER						
TUBING						
OPEN HOLE			1 1/2	66	255	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>9-30-77</u> TIME <u>1330</u>	DATE <u>9-30-77</u> TIME <u>145</u>	DATE <u>9-30-77</u> TIME <u>145</u>	DATE <u>9-30-77</u> TIME <u>1830</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>L. G. / ...</u>	<u>2571</u>	<u>26017</u>
<u>M. Jones</u>	<u>2846</u>	<u>11</u>
<u>13666-77140</u>	<u>4122</u>	<u>11</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG <u>6 1/2" x 7/8"</u>	<u>1</u>	<u>11-2-60</u>
HEAD		
PACKER		
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. _____ IN.

PERFRAC BALLS TYPE _____ QTY. _____

OTHER 2 200

OTHER _____

DEPARTMENT CRP

DESCRIPTION OF JOB CRP

JOB DONE THRU: TUBING CASING APPLIES TIE/ANNE

CUSTOMER REPRESENTATIVE James McK...

HALLIBURTON OPERATOR Joe A. ...

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	ADDED	ADDITIONS	WATER	WATER - LB./GAL.
	<u>235</u>	<u>40-60 P-7</u>	<u>510</u>	<u>0</u>	<u>2% Delt</u>	<u>27-55</u>	<u>130-135</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATION _____

BREAKDOWN _____

AVERAGE _____

SHUT-IN PRESSURE _____

ORIGIN _____

TREATMENT _____

FEET 20 REASON 4) H 10

LEASE # 415507 TRUST # 1-75 JOB TYPE Cement Slurry

CUSTOMER: *David W. Cox* WELL NO: *259* LEAD: *10. Min last* DATE: *last surf*

1700					on 200
					Run 10 <i>conns out to</i>
					Run 2 3/8
1815	5			100	H. 215 up be. 115 c. 1 w mud
1825	9	545		100	st cent. 235 st 40-60 2 1/2%
	5			150	shut Down R-1-45-100
1830		751		200	st 215 21-4
					shut Down sent circulate
					4500 left in 250

Job complete

Thank you

Get Jeff

OK

220

CUSTOMER: Beard
LEASE: Jackson Trust
WELL NO: 1-25
JOB TYPE: 159
DATE: 10-17

FIELD _____ SEC. 28 TWP. 16 ANG. 42 COUNTY Greene STATE KS

FORMATION NAME _____ TYPE _____
FORMATION THICKNESS: FROM _____ TO _____
INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____
PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____
COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____
PACKER TYPE _____ GET AT _____
BOTTOM HOLE TEMP. _____ PRESSURE _____
MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING						
LINER						
TUBING	<u>U</u>		<u>4 1/2</u>	<u>KB</u>	<u>2700</u>	
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
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. _____
 PERFRAG BALLS TYPE _____ QTY. _____
 OTHER _____
 OTHER _____

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>10-8</u>	DATE <u>10-8</u>	DATE <u>10-8</u>	DATE <u>10-8</u>
TIME <u>0100</u>	TIME <u>0500</u>	TIME <u>0600</u>	TIME <u>1030</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>68429 Klicsek</u>		
<u>06702 Palmer</u>	<u>H0079</u>	<u>LAWRENCE</u>
	<u>11</u>	<u>11</u>
<u>F4880 FILLER</u>		
	<u>3581</u>	<u>1</u>
<u>F512 HULLY</u>		
	<u>11119</u>	<u>11</u>

DEPARTMENT SOFT
 DESCRIPTION OF JOB PT
 JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.
 CUSTOMER REPRESENTATIVE X. Long 712. 838. 1111
 HALLIBURTON OPERATOR DM K... COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF BAGS	CEMENT	BRAND	BULK BACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>50</u>	<u>402</u>		<u>13</u>		<u>2700</u>	<u>1.53</u>
<u>2</u>	<u>80</u>	<u>1</u>		<u>11</u>		<u>1950</u>	<u>13.3</u>
<u>3</u>	<u>50</u>					<u>900</u>	
<u>4</u>	<u>35</u>					<u>290</u>	

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____
 BREAKDOWN _____ MAXIMUM _____
 AVERAGE _____ FRACTURE GRADIENT _____
 SHUT-IN INSTANT _____ B-MIN _____ I-B-MIN. _____
 HYDRAULIC HORSEPOWER _____
 ORDERED _____ AVAILABLE _____ USED _____
 AVERAGE RATES IN BPM _____
 TREATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 FEET 0 REASON _____

SUMMARY

PRESLUSH: BBL.-GAL. _____ TYPE _____
 LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 TREATMENT: BBL.-GAL. _____
 CEMENT SLURRY: BBL.-GAL. _____
 TOTAL VOLUME: BBL.-GAL. _____
 VOLUMES

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 Wichita, Kansas

CUSTOMER

WELL NO.

LEASE

JOB TYPE

TICKET NO.

Beard

1-28

Tankson Trust

NTA

10-8
532058

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0100							Called out
	0500							Req on loc
	0500							on loc
	0530							My 3581 Safety Meet
	0630		50 SKS					set 1 st plug 2700'
	0700		80 SKS					set 2 nd plug 1950'
	0800		50 SKS					set 3 rd plug 900'
	0815		50 SKS					set 1 th plug 290'
	1000		10 SKS					set top plug 40'
	1115		25 SKS					set out - mouse

FIELD OFFICE

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CONSERVATION DIVISION
SHELBY COUNTY, MISSISSIPPI

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

API# 15-071-20610-0000

Well Name JACKSON TRUST #1-28 Test No. 1 Date 10/7/93
Company BEARD OIL COMPANY Zone MORROW
Address P O BOX 309 McCOOK NE 69001 Elevation 3875 KB
Co. Rep./Geo. JOHN MONDERO Cont. MURFIN RIG #24 Est. Ft. of Pay _____
Location: Sec. 28 Twp. 16S Rge. 42W Co. GREELEY State KS

Interval Tested 4960-5200 Drill Pipe Size 4.5" XH
Anchor Length 240 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 4955 Drill Collar - 2.25 Ft. Run 120
Bottom Packer Depth 4960 Mud Wt. 9.4 lb/Gal.
Total Depth 5200 Viscosity 55 Filtrate 7.6

Tool Open @ 3:13 PM Initial Blow WEAK TO FAIR BLOW OFF BOTTOM IN 3.5 MINUTES
LOSING FLUID ON BACK SIDE AROUND PACKERS-SHUT TOOL IN NO
Final Blow LOSS OF FLUID @ 15 MINUTES - OPENED UP TOOL LOSING
FLUID AROUND PACKERS - TRIPPED OUT OF HOLE ON COMPANY ORDERS

** Found hole in test tool w/c*

Recovery - Total Feet 1720 Flush Tool? NO

Rec. 1720 Feet of DRILLING MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 125 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 4000 ppm System

(A) Initial Hydrostatic Mud 2540.3 PSI AK1 Recorder No. 13309 Range 4700

(B) First Initial Flow Pressure _____ PSI @ (depth) 4970 w / Clock No. 26191

(C) First Final Flow Pressure _____ PSI AK1 Recorder No. 13339 Range 4025

(D) Initial Shut-in Pressure _____ PSI @ (depth) 4975 w / Clock No. 26199

(E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

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

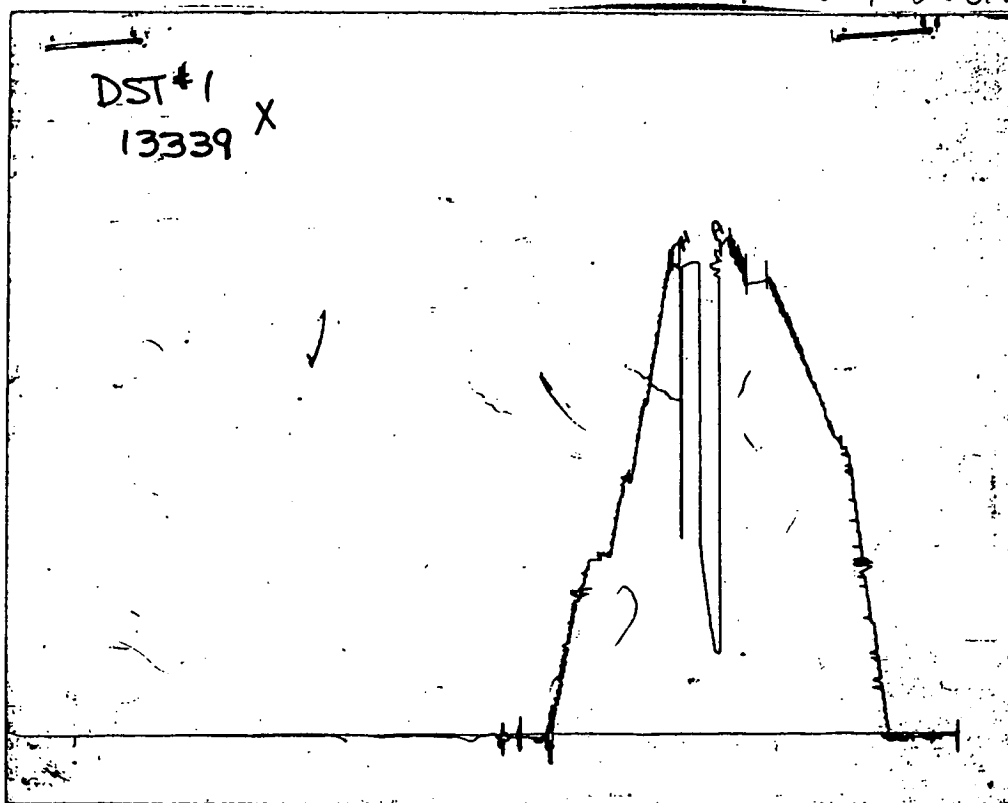
(H) Final Hydrostatic Mud 2510.1 PSI Initial Shut-in 15 Final Shut-in 15

Our Representative ROD STEINBRINK

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Wichita, Kansas

OCT 25 1993

15-071-20610-00-00



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2533	2540.3
(B) FIRST INITIAL FLOW PRESSURE		
(C) FIRST FINAL FLOW PRESSURE		
(D) INITIAL CLOSED-IN PRESSURE		
(E) SECOND INITIAL FLOW PRESSURE		
(F) SECOND FINAL FLOW PRESSURE		
(G) FINAL CLOSED-IN PRESSURE		
(H) FINAL HYDROSTATIC MUD	2503	2510.1

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CONSERVATION DIVISION
Wichita, Kansas

15-071-20610-00-00

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name JACKSON TRUST #1-28 Test No. 2 Date 10/7/93
 Company BEARD OIL COMPANY Zone MORROW
 Address P O BOX 309 McCOOK NE 69001 Elevation 3875 KB
 Co. Rep./Geo. JOHN MONDERO Cont. MURFIN RIG #24 Est. Ft. of Pay _____
 Location: Sec. 28 Twp. 16S Rge. 42W Co. GREELEY State KS

Interval Tested	<u>5018-5200</u>	Drill Pipe Size	<u>4.5" XH</u>
Anchor Length	<u>182</u>	Wt. Pipe I.D. - 2.7 Ft. Run	_____
Top Packer Depth	<u>5008</u>	Drill Collar - 2.25 Ft. Run	<u>120</u>
Bottom Packer Depth	<u>5018</u>	Mud Wt.	<u>9.4</u> lb/Gal.
Total Depth	<u>5200</u>	Viscosity	<u>55</u> Filtrate <u>7.6</u>

Tool Open @ 8:23 PM Initial Blow TOOL SLID 1' - WEAK BLOW @2" -DIED BACK
TO 1/2" AT FINAL / ISI: BLED OFF BLOW-NO RETURN
 Final Blow SURGE BLOW AT OPEN-NO RETURN THROUGHOUT

Recovery - Total Feet 90 Flush Tool? NO

Rec. 90 Feet of DRILLING MUD
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____

BHT 130 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 RW 1.8 @ 60 °F Chlorides 4000 ppm Recovery Chlorides 4000 ppm System

(A) Initial Hydrostatic Mud 2530.1 PSI AK1 Recorder No. 13309 Range 4700

(B) First Initial Flow Pressure 55.6 PSI @ (depth) 5025 w / Clock No. 26191

(C) First Final Flow Pressure 55.6 PSI AK1 Recorder No. 13339 Range 4025

(D) Initial Shut-in Pressure 210.4 PSI @ (depth) 5030 w / Clock No. 26199

(E) Second Initial Flow Pressure 70.3 PSI AK1 Recorder No. _____ Range _____

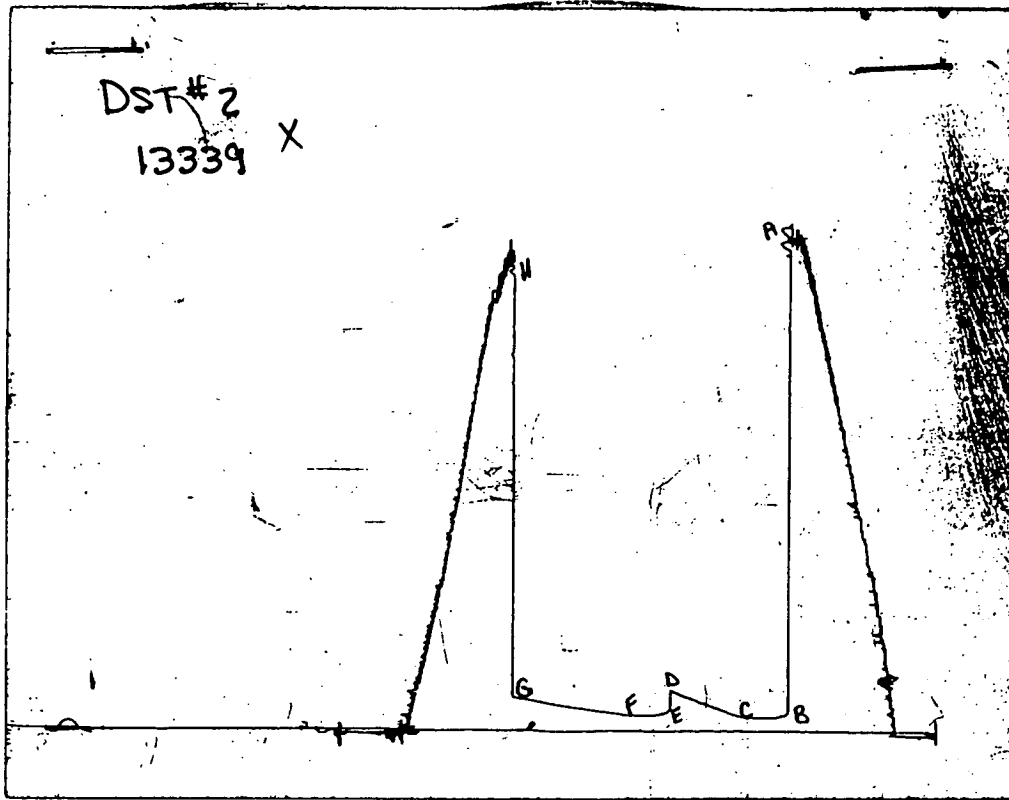
(F) Second Final Flow Pressure 72.5 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 181.6 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 2470.8 PSI Initial Shut-in 60 Final Shut-in 90

Our Representative ROD STEINBRINK

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 CONSERVATION DIVISION
 Wichita, Kansas



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2523	2530.1
(B) FIRST INITIAL FLOW PRESSURE	52	55.6
(C) FIRST FINAL FLOW PRESSURE	52	55.6
(D) INITIAL CLOSED-IN PRESSURE	207	210.4
(E) SECOND INITIAL FLOW PRESSURE	72	70.3
(F) SECOND FINAL FLOW PRESSURE	72	72.5
(G) FINAL CLOSED-IN PRESSURE	176	181.6
(H) FINAL HYDROSTATIC MUD	2473	2470.8

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Wichita, Kansas

FLUID SAMPLER DATA

15-071-20610-00-00
ORIGINAL

Ticket No.: 6277 Date: 10/7/93
Company: BEARD OIL COMPANY
Lease: JACKSON TRUST #1-28 Test No.: 2
County: GREELEY Sec.: 28 Twp.: 16S Rng.: 42W

SAMPLER RECOVERY

PIT MUD ANALYSIS

Gas
Oil
Mud 4000
Water
Other
Pressure 50
TOTAL 4000

Chlorides 4000
Resistivity 1.8 ohm-c 60 F
Viscosity 55
Mud Wt. 9.4
Filtrate 7.6
Other

SAMPLER ANALYSIS

PIPE RECOVERY

Resistivity 1.8 ohm-c 60 F
Chlorides 4000 ppm.
Gravity corrected @60F

TOP
Resistivity ohm-c F
Chlorides ppm

MIDDLE
Resistivity ohm-c F
Chlorides ppm

BOTTOM
Resistivity 1.8 ohm-c 60 F
Chlorides 4000 ppm

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Wichita, Kansas