

SIDE ONE

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

Operator: License # 6284  
Name: Vonfelt Oil Operations, Inc.  
Address 524 St. John  
  
City/State/Zip Russell, KS 67665  
  
Purchaser: \_\_\_\_\_  
Operator Contact Person: Roy Vonfeldt  
Phone ( 913 ) 483-6446  
Contractor: Name: Vonfeldt Drilling Company  
License: 9431  
Wellsite Geologist: Mike Davignon

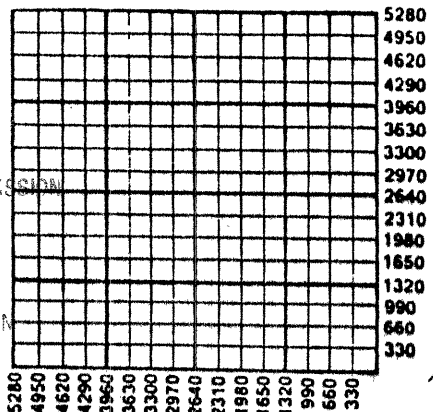
Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp. Abd.  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply, etc.)

If OMO: old well info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
7/19/91 7/25/91  
Spud Date Date Reached TD Completion Date

API NO. 15- 163-23,176-00-00  
County Rooks  
W/2 SE NW Sec. 28 Twp. 9S Rge. 20  East  West  
3300' Ft. North from Southeast Corner of Section  
3630' Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)  
Lease Name Jackson Well # 5  
Field Name Unnamed  
Producing Formation \_\_\_\_\_  
Elevation: Ground 2295' KB \_\_\_\_\_  
Total Depth 3936' PBTD \_\_\_\_\_

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Wichita, Kansas



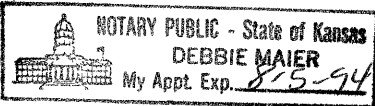
ALT II DWA

Amount of Surface Pipe Set and Cemented at 256' 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.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Roy Vonfeldt  
Title president Date 8/12/91  
Subscribed and sworn to before me this 12 day of Aug.,  
19 91.  
Notary Public Debbie Maier  
Date Commission Expires Aug. 4, 1994



K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)

SIDE TWO

Operator Name Vonfeldt Oil Operations, Inc. Lease Name Jackson Well # 5

Sec. 28 Twp. 9S Rge. 20  East  West County Rooks

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.)

DST Information Attached

Formation Description		
	<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample
Name	Top	Bottom
Anhydrite	1796'	1828'
Topeka	3365'	
Heebner	3535'	
L <sub>10</sub> , K <sub>10</sub> , C <sub>10</sub>	3574'	
Base K <sub>10</sub> , C <sub>10</sub>	3794'	
Arbuckle	3868'	
R <sub>10</sub> , T <sub>10</sub> , D <sub>10</sub>	3936'	

CASING RECORD <input checked="" 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		8.5/8"	19#	256'	Common	155	60/40 poZ <sub>10</sub>
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			Amount and Kind of Material Used			Depth
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Size	Set At	Packer At					
Date of First Production	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  Perforation  Dually Completed  Commingled  Other (Specify) \_\_\_\_\_

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

DRILLERS WELL LOG

DATE OF LOGGING: July 1, 1991  
DATE OF REVISION: July 25, 1991

Vonfeldt OIL Operations, Inc.  
JACKSON #5  
W/2 SE NW  
Sec. 28-05-20N  
Robks County, Kansas

ELEVATION: 2295' ASL

130	130'	Sand
130	200'	Sand, Clay
200	1070'	Clay, Shale, Sand
1070	1790'	Sand, Shale
1790	1830'	Anhydrite
1830	1870'	Shale
1870	2300'	Shells, Shale
2300	2600'	Shale, Lime
2600	3110'	Lime, Shale
3110	3260'	Lime, Shale
3260	3700'	Lime
3700	3750'	Artificial
3750	3800'	Shale
3800	3900'	Shale
3900	3910'	Shale

FORMATION DATA

Anhydrite	1790'
Base Anhydrite	2828'
Topena	3365'
Neetner	3535'
L.K.C.	3574'
Base K.C.	3794'
Artuchie	3800'
L.L.C.	3931'

Surface Pipe: Set Nov 1991  
8 5/8" pipe at 236' with 155  
backs, 50/40 pos., 2" col,  
32 cc.

**A F F I D A V I T**

STATE OF KANSAS  
COUNTY OF (MISSILL) ss

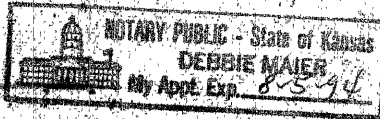
Ray Vonfeldt of lawful age, does swear and state that the facts  
and statements herein are true and correct to the best of his knowledge.

*Ray Vonfeldt*  
Ray Vonfeldt

Subscribed and sworn to before me this 12th day of August, 1991.

My Comm. Expires:

AUGUST 2, 1994



*Debbie Maier*  
Debbie Maier, Notary Public

Phone 913-527, Russell, Kansas  
 Phone 316-351, Great Bend, Kansas

Phone Plainville 913-434-2812  
 Phone Ness City 913-798-3843

# ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

No 2213  
**ORIGINAL**

*New*

Date	7-25-91	Sec	29	Twp	9	Range	20	Called Out		On Location	3 30 PM	Job Start		Finish	7:15 PM
Lease	Jackson	Well No.	5	Location	Palco #5 1/2 F			County	Rooks	State	Kan				
Contractor	Co Tools														
Type Job	Plug														
Hole Size	7 7/8	T.D.	3936												
Csg.	8 3/4	Depth													
Tbg. Size		Depth													
Drill Pipe		Depth													
Tool		Depth													
Cement Left in Csg.		Shoe Joint													
Press Max.		Minimum													
Meas Line		Displace													
Perf.															

**Owner**  
 To Allied Cementing Co., Inc.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

**Charge To** Vonfeldt Oil Oper  
**Street** 524 St. John  
**City** Russell **State** Kan 67665  
 The above was done to satisfaction and supervision of owner agent or contractor.

**Purchase Order No.**

X *Darryl*

**CEMENT**

**Amount Ordered** 225 40 69 66 1/4 Flt Sec

**Consisting of**

Common	135	SKs @ 5.25	708 75
Poz. Mix	90	SKs @ 2.25	202 50
Gel.	8	SKs @ 6.75	54 00
Chloride			
Quickset			
		Flt-Set - 56 lbs @ 1.00	56 00

Sales Tax

Handling 1.00 per SK 225 00

Mileage 4¢ per SK/mile 126 00  
 14 mi.

Sub Total

Total 1,372 25

**Floating Equipment**

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**EQUIPMENT**

Pumptrk	No.	Cementer	<i>McAdoo</i>
	177	Helper	<i>Will</i>
Pumptrk	No.	Cementer	
		Helper	
Bulktrk		Driver	<i>Paul</i>
Bulktrk	1160	Driver	

**DEPTH of Job**

Reference:	Pump Truck	380 00
	Plug	21 00
	200 Per mile	28 00
	Sub Total	
	Tax	
	Total	429 00

**Remarks:**

Mixed 25 sk at 3860  
 25 sk at 1820  
 100 sk at 1100  
 40 sk at 245  
 10 sk at 40'  
 10 sk in mouse hole  
 15 sk in Rat hole

Phone Russell, Kansas  
 Phone 316-793-5111 Great Bend, Kansas

Phone Plainville 913-434-2812  
 Phone Ness City 913-798-3843

# ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

No 2207

NEW

ORIGINAL

Date	7-19-91	Sec.	28	Twp.	9	Range	20	Called Out		On Location	4:30PM	Job Start		Finish	5:15PM
Lease	Jackson	Well No.	5	Location	Palco			County	Rooks	State	Kan				

Contractor	Co Tools	
Type Job	Surface	
Hole Size	12 1/4	T.D. 260
Csg.	8 5/8	Depth 256
Tbg. Size		Depth
Drill Pipe		Depth
Tool		Depth
Cement Left in Csg.	15'	Shoe Joint
Press Max.		Minimum
Meas Line		Displace
Perf.		

**Owner**  
 To Allied Cementing Co., Inc.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

**Charge To** Vonfeldt Oil Oper  
**Street** 524 St John  
**City** Russell **State** Kansas 67665  
 The above was done to satisfaction and supervision of owner agent or contractor.

**Purchase Order No.**  
 X Darryl Mrien

**CEMENT**  
**Amount Ordered** 155 <sup>60</sup>/<sub>40</sub> 30% CC 20% Gel

<b>Consisting of</b>		
Common	93 @ 525	488 25
Poz. Mix	62 @ 225	117 00
Gel.	3 @ N/C	N/C
Chloride	5 @ 21 00	105 00
Quickset		

**EQUIPMENT**

Pumptrk	No. 191	Cementer	McAdoo
		Helper	
Pumptrk	No.	Cementer	Dave
		Helper	
		Driver	Sonny
Bulktrk	212	Driver	

<b>DEPTH of Job</b>	
Reference:	
	Pump Truck 380 00
	Plug 42 00
	20% Perm. 28 00
	<b>Sub Total</b>
	<b>Tax</b>
	<b>Total 450 00</b>

**Remarks:**  
 Cement did cur

Handling	@ 1 00	155 00
Mileage	4¢/SK/M.I.E	86 00
JA		
	<b>Sub Total</b>	
	<b>Total</b>	952 00

**Floating Equipment**

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COMMERCIAL DIVISION  
 Wichita, Kansas

# TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

ORIGINAL

## Drill-Stem Test Data

Well Name JACKSON #5 Test No. 1 Date 7/23/91  
Company VONFELDT OIL OPERATIONS Zone Tested ARBUCKLE  
Address 524 ST. JOHN RUSSELL, KS 67665 Elevation 2300 KB  
Co. Rep./Geo. MIKE DAVIGNON Cont. VONFELDT #1 Est. Ft. of Pay \_\_\_\_\_  
Location: Sec. 28 Twp. 9S Rge. 20W Co. ROOKS State KS

Interval Tested 3856-3874  
Anchor Length 18  
Top Packer Depth 3851  
Bottom Packer Depth 3856  
Total Depth 3874

Drill Pipe Size 4.5 XH  
Wt. Pipe I.D. - 2.7 Ft. Run \_\_\_\_\_  
Drill Collar - 2.25 Ft. Run \_\_\_\_\_

Mud Wt. 10.2 lb / gal. Viscosity 49 Filtrate 14

Tool Open @ 8:45 PM Initial Blow VERY WEAK - DIED IN 2 MINUTES

Final Blow \_\_\_\_\_

Recovery - Total Feet 5 Flush Tool? NO

Rec. 5 Feet of DRILLING MUD WITH OIL SPOTS

Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

BHT 110 °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API

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

(A) Initial Hydrostatic Mud 2412.3 PSI AK1 Recorder No. 13754 Range 4000

(B) First Initial Flow Pressure 23.1 PSI @ (depth) 3860 w/Clock No. 26191

(C) First Final Flow Pressure 23.1 PSI AK1 Recorder No. 13849 Range 4375

(D) Initial Shut-In Pressure 75.6 PSI @ (depth) 3870 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 2368.1 PSI Initial Shut-In 15 Final Shut-In \_\_\_\_\_

Our Representative DAN BANGLE TOTAL PRICE \$ 550

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Wichita, Kansas

# TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

ORIGINAL

## Drill-Stem Test Data

Well Name JACKSON #5 Test No. 2 Date 7/24/91  
Company VONFELDT OIL OPERATIONS Zone Tested ARBUCKLE  
Address 524 ST. JOHN RUSSELL, KS 67665 Elevation 2300 KB  
Co. Rep./Geo. MIKE DAVIGNON Cont. VONFELDT #1 Est. Ft. of Pay \_\_\_\_\_  
Location: Sec. 28 Twp. 9S Rge. 20W Co. ROOKS State KS

Interval Tested 3873-3885 Drill Pipe Size 4.5 XH  
Anchor Length 12 Wt. Pipe I.D. - 2.7 Ft. Run \_\_\_\_\_  
Top Packer Depth 3868 Drill Collar - 2.25 Ft. Run \_\_\_\_\_  
Bottom Packer Depth 3873  
Total Depth 3885

Mud Wt. 10.2 lb / gal. Viscosity 49 Filtrate 14

Tool Open @ 7:07 AM Initial Blow WEAK - BUILDING TO 1 1/4"

Final Blow WEAK - STEADY SURFACE BLOW

Recovery - Total Feet 50 Flush Tool? NO

Rec. 30 Feet of OIL CUT MUD 20%OIL/80%MUD

Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

BHT 111 °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity 30 °API

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

(A) Initial Hydrostatic Mud 2369.2 PSI AK1 Recorder No. 13754 Range 4000

(B) First Initial Flow Pressure 90.1 PSI @ (depth) 3877 w/Clock No. 26191

(C) First Final Flow Pressure 90.1 PSI AK1 Recorder No. 13849 Range 4375

(D) Initial Shut-In Pressure 115.7 PSI @ (depth) 3881 w/Clock No. 26199

(E) Second Initial Flow Pressure 90.1 PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_

(F) Second Final Flow Pressure 90.1 PSI @ (depth) \_\_\_\_\_ w/Clock No. \_\_\_\_\_

(G) Final Shut-In Pressure 115.7 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 2151.6 PSI Initial Shut-In 30 Final Shut-In 60

Our Representative DAN BANGLE TOTAL PRICE \$ 550

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# TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

ORIGINAL

## Drill-Stem Test Data

Well Name JACKSON #5 Test No. 3 Date 7/24/91  
Company VONFELDT OIL OPERATIONS Zone Tested ARBUCKLE  
Address 524 ST. JOHN RUSSELL, KS 67665 Elevation 2300 KB  
Co. Rep./Geo. MIKE DAVIGNON Cont. VONFELDT #1 Est. Ft. of Pay \_\_\_\_\_  
Location: Sec. 28 Twp. 9S Rge. 20W Co. ROOKS State KS

Interval Tested 3886-3898 Drill Pipe Size 4.5 XH  
Anchor Length 12 Wt. Pipe I.D. - 2.7 Ft. Run \_\_\_\_\_  
Top Packer Depth 3881 Drill Collar - 2.25 Ft. Run \_\_\_\_\_  
Bottom Packer Depth 3886  
Total Depth 3898

Mud Wt. 10.2 lb / gal. Viscosity 49 Filtrate 14

Tool Open @ 5:32 PM Initial Blow STRONG - OFF BOTTOM OF BUCKET

Final Blow STRONG - OFF BOTTOM OF BUCKET IN 5 MINUTES

Recovery -- Total Feet 1700 Flush Tool? NO

Rec. 1700 Feet of WATER WITH SCUM OF OIL 2%OIL/98%MUD

Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

BHT 114 °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API

RW 0.06 @ 0.87 °F Chlorides 32000 ppm Recovery Chlorides \_\_\_\_\_ ppm System

(A) Initial Hydrostatic Mud 2148.9 PSI AK1 Recorder No. 13754 Range 4000

(B) First Initial Flow Pressure 115.4 PSI @ (depth) 3890 w/Clock No. 26191

(C) First Final Flow Pressure 467.8 PSI AK1 Recorder No. 13849 Range 4375

(D) Initial Shut-in Pressure 756.9 PSI @ (depth) 3894 w/Clock No. 26199

(E) Second Initial Flow Pressure 523.4 PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_

(F) Second Final Flow Pressure 579.1 PSI @ (depth) \_\_\_\_\_ w/Clock No. \_\_\_\_\_

(G) Final Shut-in Pressure 756.9 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 2096.3 PSI Initial Shut-in 30 Final Shut-in 30

Our Representative DAN BANGLE TOTAL PRICE \$ 585

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# TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

ORIGINAL

## Drill-Stem Test Data

Well Name JACKSON #5 Test No. 4 Date 7/25/91  
Company VONFELDT OIL OPERATIONS Zone Tested ARBUCKLE  
Address 524 ST. JOHN RUSSELL, KS 67665 Elevation 2300 KB  
Co. Rep./Geo. MIKE DAVIGNON Cont. VONFELDT #1 Est. Ft. of Pay \_\_\_\_\_  
Location: Sec. 28 Twp. 9S Rge. 20W Co. ROOKS State KS

Interval Tested 3893-3905 Drill Pipe Size 4.5 XH  
Anchor Length 12 Wt. Pipe I.D. - 2.7 Ft. Run \_\_\_\_\_  
Top Packer Depth 3893 Drill Collar — 2.25 Ft. Run \_\_\_\_\_  
Bottom Packer Depth 3905  
Total Depth 3936

Mud Wt. 10.1 lb / gal. Viscosity 40 Filtrate \_\_\_\_\_

Tool Open @ 10:45 AM Initial Blow STRONG - OFF BOTTOM OF BUCKET  
IN 1 MINUTE

Final Blow STRONG - OFF BOTTOM OF BUCKET IN 2 MINUTES

Recovery — Total Feet 1750 Flush Tool? NO

Rec. 1750 Feet of WATER

Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

BHT 114 °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API

RW 0.06 @ 82.6 °F Chlorides 29000 ppm Recovery Chlorides \_\_\_\_\_ ppm System

(A) Initial Hydrostatic Mud 2261.3 PSI Ak1 Recorder No. 13754 Range 4000

(B) First Initial Flow Pressure 190.4 PSI @ (depth) 3879 w/Clock No. 26199

(C) First Final Flow Pressure 614.5 PSI AK1 Recorder No. 13849 Range 4375

(D) Initial Shut-in Pressure 778.9 PSI @ (depth) 3897 w/Clock No. 26191

(E) Second Initial Flow Pressure 667.2 PSI AK1 Recorder No. 7437 Range 4200

(F) Second Final Flow Pressure 780.3 PSI @ (depth) 3932 w/Clock No. 26814

(G) Final Shut-in Pressure 814.5 PSI Initial Opening 15 Final Flow 15

(H) Final Hydrostatic Mud 2204.6 PSI Initial Shut-in 15 Final Shut-in 15

Our Representative DAN BANGLE TOTAL PRICE \$ 985

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