

ORIGINAL  
SIDE ONE

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

API NO. 15- 051-24,685 0000

County Ellis  
Approx. SW NW SW Sec. 19 Twp. 11S Rge. 17 x East West

Operator: License # 09346

1670  Ft. North from Southeast Corner of Section

Name: Diehl Oil, Inc.

4890  Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

Address P. O. Box 234

Lease Name Peavey 'D' Well # 4

City/State/Zip Hays, KS 67601

Field Name Bemis-Shutts

Producing Formation \_\_\_\_\_

Purchaser: \_\_\_\_\_

Elevation: Ground 1926' KB 1931'

Operator Contact Person: Glenn D. Diehl

Total Depth 3500' PBD \_\_\_\_\_

Phone (913) -625-6711

Contractor: Name: Emphasis Oil Operations

License: 8241

Wellsite Geologist: Glenn D. Diehl

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

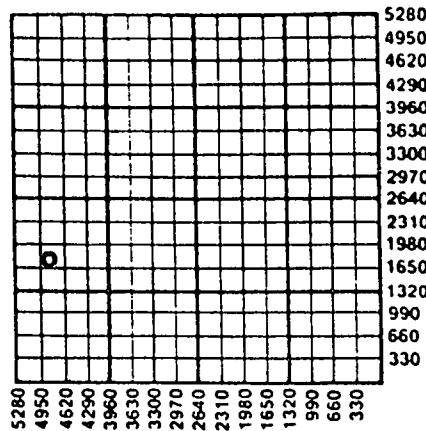
If **OWMO**: old well info as follows:  
Operator: \_\_\_\_\_

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

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

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

9/5/90 9/11/90  
Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 279 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set 1183 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 Glenn D. Diehl 2000-01-04-91  
Title President Date 01/03/91

Subscribed and sworn to before me this 3rd day of January  
19 91.

Notary Public Rebecca Diehl  
Date Commission Expires 02-05-94

**REBECCA DIEHL**  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 02-05-94

**K.C.C. OFFICE USE ONLY**  
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 Diehl Oil, Inc. Lease Name Peavey 'D' Well # 4  
 Sec. 19 Twp. 11S Rge. 17  East  West  
 County Ellis

**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 type="checkbox"/> Yes <input checked="" 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.)	<p style="text-align: center;"><b>Formation Description</b></p> <p><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:60%;">Name</th> <th style="width:20%;">Top</th> <th style="width:20%;">Bottom</th> </tr> </thead> <tbody> <tr> <td>Anhydrite</td> <td>1166 +</td> <td>763</td> </tr> <tr> <td>Topeka</td> <td>2885 -</td> <td>956</td> </tr> <tr> <td>Heebner</td> <td>3107 -</td> <td>1178</td> </tr> <tr> <td>Toronto</td> <td>3128 -</td> <td>1200</td> </tr> <tr> <td>Lansing</td> <td>3150 -</td> <td>1221</td> </tr> <tr> <td>Base KC</td> <td>3388 -</td> <td>1459</td> </tr> <tr> <td>Arbuckle</td> <td>3425 -</td> <td>1496</td> </tr> <tr> <td>RTD</td> <td>3500 -</td> <td>1571</td> </tr> </tbody> </table>	Name	Top	Bottom	Anhydrite	1166 +	763	Topeka	2885 -	956	Heebner	3107 -	1178	Toronto	3128 -	1200	Lansing	3150 -	1221	Base KC	3388 -	1459	Arbuckle	3425 -	1496	RTD	3500 -	1571
Name	Top	Bottom																										
Anhydrite	1166 +	763																										
Topeka	2885 -	956																										
Heebner	3107 -	1178																										
Toronto	3128 -	1200																										
Lansing	3150 -	1221																										
Base KC	3388 -	1459																										
Arbuckle	3425 -	1496																										
RTD	3500 -	1571																										

DST (1) 3430-3450/30-60-60-60, REC 35' HOCM  
 30% oil 70% mud, SIP 589-475, FP 43-43/43-59  
 HP 1921-1865, BHT 105°F  
 DST (2) 3450-3474/30-60-60-60, REC 40' HOCM  
 45% oil, 60'GHOCWM 25% oil 5% water, 60' SOCWM  
 10% oil 10% water, 60' SOCW 5% oil 90%water  
 SIP 860-842, FP 45-69/81-110, HP 1926-1890, BHT 106°F

CASING RECORD <input type="checkbox"/> New <input checked="" 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	8-5/8"	19#	279'		150	
Production	7-7/8"	5 1/2"	14#	3499'	Surefill	150	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used) Depth			
2	3488-3490, 3483-85			150 gal 15%			
2	3466-3472, 3442-3448, 3434-3438			Communicated, 110 sks common			
2	3426-3438			250 gal 15%, communicated			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
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 \_\_\_\_\_



ORIGINAL

INVOICE DATE  
09/05/90

DIRECT BILLING INQUIRIES TO: 713-895-5821	TERMS: NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	REMIT TO: B.J. SERVICES P.O. BOX 100806 HOUSTON, TX 77212
----------------------------------------------	-------------------------------------------------------------	--------------------------------------------------------------------

PAGE	INVOICE NO.
1	30054

AUTHORIZED BY
627544

PURCH. ORDER REF. NO.

DIEHL OIL INC.  
P.O. BOX 234  
HAYS,

KS 67601

WELL NUMBER : 4

CUSTOMER NUMBER : 13933000

LEASE NAME AND NUMBER PEAVY D	STATE 15	COUNTY/PARISH	CITY	DISTRICT NAME HAYES	DISTR. NO. 3370
JOB LOCATION/FIELD	MTA DISTRICT	DATE OF JOB 09/05/90	TYPE OF SERVICE LAND-CONDUCTOR/SURFACE		

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10100302	1.00	CEMENT CASING 0 TO 300 FEET	440.00		440.00
10109005	14.00	MILEAGE CHRG. FROM NEAREST BASE OF	2.35		32.90
10410504	96.00	CLASS "A" CEMENT	5.45	CF	523.20
10415018	64.00	FLY ASH	2.88	CF	184.32
10420145	275.00	BJ-TITAN GEL, BENTONITE, BULK SALES	0.13	LB	35.75
10415049	413.00	A-7-P CALCIUM CHLORIDE PELLETS	0.46	LB	189.98
10430539	1.00	8 5/8" TOP HOLE (SURFACE) PLUG	17.00	EA	17.00
10880011	160.00	HANDLING AND DUMPING CHARGE FOR CUS	0.95		152.00
10940101	100.80	DRAYAGE, PER TON MILE	0.75		75.60
SUBTOTAL					1,650.75
DISCOUNT					247.62

received  
9/21/90Ple  
CDS 8

ACCOUNT 4.25000% STATE TAX 1403.13 59.63

PAID  
CHECK NO. 3095  
AMOUNT 10368.18  
DATE 9/30/90

TAX EXEMPTION STATUS: PAY THIS AMOUNT 17402.69



ORIGINAL

INVOICE DATE  
09/11/90

DIRECT BILLING INQUIRIES TO: 713-895-5821	TERMS: NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	REMIT TO: B.J. SERVICES P.O. BOX 100806 HOUSTON, TX 77212
----------------------------------------------	-------------------------------------------------------------	--------------------------------------------------------------------

PAGE	INVOICE NO.
1	31006

AUTHORIZED BY
627548

PURCH. ORDER REF. NO.

DIEHL OIL INC.  
P.O. BOX 234  
HAYS,

KS 67601

WELL NUMBER : 4

CUSTOMER NUMBER : 13933000

LEASE NAME AND NUMBER PEAVY D	STATE 15	COUNTY/PARISH	CITY	DISTRICT NAME HAYES	DISTR. NO. 3370
JOB LOCATION/FIELD	MTA DISTRICT	DATE OF JOB 09/11/90	TYPE OF SERVICE LAND-LONG STRING/PRODUC		

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10100318	1.00	CEMENT CASING 3,000 TO 3,500	1,095.00		1,095.00
10109005	14.00	MILEAGE CHRG. FROM NEAREST BASE OF	2.35		32.90
10410504	150.00	CLASS "A" CEMENT	5.45	CF	817.50
10420145	564.00	BJ-TITAN GEL, BENTONITE, BULK SALES	0.13	LB	73.32
10415049	106.00	A-7-P CALCIUM CHLORIDE PELLETS	0.46	LB	48.76
10428020	846.00	A-10 GYPSEAL	0.22	LB	186.12
10425010	500.00	MUD-SWEEP, WITH BJ-TITAN PUMPING EQ	1.45	GL	725.00
10880011	150.00	HANDLING AND DUMPING CHARGE FOR CUS	0.95		142.50
10940101	109.20	DRAYAGE, PER TON MILE	0.75		81.90
10409600	1.00	PORT COLLAR	1,500.00	GL	1,500.00
10409600	6.00	CENTRALIZER	46.75	GL	280.50
10409600	1.00	BASKET	140.00	GL	140.00
10409600	1.00	INSERT	188.00	GL	188.00
10409600	1.00	SHOE	130.00	GL	130.00
10409600	1.00	PLUG 5 1/2	60.00	GL	60.00
SUBTOTAL					5,501.50
DISCOUNT					825.25

ACCOUNT 4.25000% STATE TAX 4676.25 198.75

Ple  
CDS 8received  
9/21/90PAID  
CHECK NO. 3095  
AMOUNT 10368.18  
DATE 9/30/90

TAX EXEMPTION STATUS: PAY THIS AMOUNT 5775.00

TELEPHONE:  
AREA CODE 913 483-2627

**ALLIED CEMENTING COMPANY, INC.**

P. O. BOX 31  
RUSSELL, KANSAS 67665

TO: Diehl Oil Inc.  
Box 234  
Hays, Kansas 67601

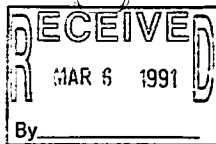
INVOICE NO. 58906  
PURCHASE ORDER NO. \_\_\_\_\_  
LEASE NAME Peavey D-4  
DATE Feb. 28, 1991

SERVICE AND MATERIALS AS FOLLOWS:

Common 165 sks @\$5.25	\$ 866.25	
Pozmix 110 sks @\$2.25	247.50	
Gel 14 sks. @\$6.75	94.50	\$ 1,208.25
Handling 275 sks @\$1.00	275.00	
Mileage (15) @\$0.04c per sk per mi	165.00	
Plugging	360.00	
Mi @\$2.00 pmp. trk.	30.00	
	S. Tax	830.00
		107.01
	Total	\$ 2,145.26
		(429.05)
		<u>\$ 1716.21</u>

If account CURRENT 20% discount will be allowed ONLY if paid within 30 days from date of invoice.

THANK YOU



All Prices Are Net, Payable 30 Days Following Date of Invoice. 1 1/2% Charged Thereafter.

RECEIVED  
STATE CORPORATION COMMISSION

MAR - 7 1991

CONSERVATION DIVISION  
Wichita, Kansas

Phone 913-483-2627, Russell, Kansas

Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

No 1781

**ALLIED CEMENTING CO., INC.**

Home Office P. O. Box 31

Russell, Kansas 67665

Date	2-28-91	19	11	17	Called Out	On Location	Job Start	Finish
Lease	Peavey	Well No.	D-4	Location	Hays N to River 2E 1A125	County	Ellis	State
Contractor	GREAT BEND Casing Pulling			Owner	Same			
Type Job	Plug			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.				
Hole Size	7 7/8	T.D.	3500					
Csg.	8 SA	Depth	279					
Tbg. Size		Depth		Charge To <u>Diehl Oil Inc</u>				
Drill Pipe		Depth		Street <u>Box 234</u>				
Tool		Depth		City <u>Hays</u> State <u>KANSAS 67601</u>				
Cement Left in Csg.		Shoe Joint		The above was done to satisfaction and supervision of owner agent or contractor.				
Press Max.	200	Minimum		Purchase Order No. _____				
Meas Line		Displace		X <u>Gary J. Burke</u>				
Perf.				CEMENT				
EQUIPMENT				Amount Ordered <u>275</u>				
No.	Cement	R. Davis		300 SKS 6040 878 GEL				
Pumperk 83	Helper			Consisting of				
No.	Cement			Common 165 SKS 25.25 866.25				
Pumperk	Helper			Poz. Mix 110 SKS 22.25 247.50				
Bulktrk 14	Driver	Jim Lawrence		Gel 14 SKS 6.75 94.50				
Bulktrk 150	Driver			Chloride				
				Quickset				
				Sales Tax				
DEPTH of Job				Handling 1.00 per sk 275.00				
Reference:		360.00		Mileage 44 per sk/mile 165.00				
	29 PER MILE	30.00		15*				
				Sub Total				
				Tax				
				Total 1,648.25				
				Flooding Equipment				
Remarks:								

INVOICE

Hertel Tank Service, Inc.  
2203 Henry  
Hays, Kansas 67601  
913/628-2445

Invoice No: 001203

Invoice Date: 02/28/91

Sold Diehl Oil, Inc.  
To: 205 East 13th Street Suite B  
P. O. Box 234  
Hays, Kansas 67601

Lease: Peavy "D" #4 Purchase Order: Net 30 Days  
Terms:

PRODUCT	HRS	DESCRIPTION	DATE	PRICE	AMOUNT
02	2	85 bbl Water Truck	02/23	33.00	66.00
Load hole for Great Bend Casing Pullers.					
12		Fresh Water	02/28	26.00	26.00
02	6.5	85 bbl Water Truck	02/28	33.00	214.50
2 Trucks: Load fresh water to plug well.					
18		6% Surcharge		0.00	16.83

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By \_\_\_\_\_

*nu  
COU7*

Subtotal 323.33  
Sales Tax 0.00  
Invoice Total 323.33

Invoice amounts due 30 days from invoice date. Finance charges of 1.5% per month or 18% annually, on past due balances.

**Great Bend Casing Pullers, Inc.**

P. O. Box 768 Great Bend, Kansas 67530 (316) 793-9711

In Account With \_\_\_\_\_ Date 2-28-91  
Authorized By Glenn  
Diehl Oil Company  
P. O. Box 234  
Hays, Kansas 67601  
Customer Order No. \_\_\_\_\_  
Lease & Well No. Peavey D-4  
Work Performed Plug well

County Ellis Legal Description—Sec 19 Twp 11 Rge 17  
TERMS: Net 30 Days from Date of Invoice unless authorized by Great Bend Casing Pullers, Inc.  
Details of Work Ordered and Services Performed

Quantity	Description	Amount
1	Move in & set up charge	600.00
1	Fuel surcharge	25.00
1	Bottom plug-sand & cement	50.00
1	Hr. gin truck @ 50/Hr - move tubing	50.00
3	Casing shots @ 80.00 (2516, 2225, 704)	240.00
1950.10'	5 1/2" casing recovery @ .55/ft	1072.56
3	Hrs. rig time @ 75.00 - spot cement through casing	225.00
	Had to set jacks back up & jack pipe free after it locked up while pumping cement.	2262.56
	Sales tax	118.78
	Total	2381.34

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STATE CORPORATION COMMISSION  
*nu  
COU7*

MAR 7 1991

RECEIVED  
MAR 4 1991  
By \_\_\_\_\_

CONSERVATION DIVISION  
Wichita, Kansas

COMPANY Oehl Oil Operations FARM Reguey WELL NO. 4  
 SEC. TWP. RGE. LOC. COUNTY Ellis STATE KS  
 CONTRACTOR \_\_\_\_\_ SIZE HOLE \_\_\_\_\_ DRILL PIPE \_\_\_\_\_  
 REMARKS: \_\_\_\_\_ SIZE PUMP LINERS \_\_\_\_\_ LENGTH STROKE \_\_\_\_\_

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2800	2:31	1	
	32	1	
	33	1	
	34	1	
	35	1	
5	37	2	
	39	2	
	41	2	
	43	2	
	45	2	
2810	46	1	
	47	1	
	49	2	
	50	1	
	52	2	
15	54	2	
	55	1	
	57	2	
	59	2	
	1:01	2	
2820	3	2	
	5	2	
	8	3	
	11	3	
	13	2	
25	16	3	
	18	2	
	20	2	
	22	2	
	24	2	
2830	35	2	
	39	2	
	41	2	
	42	1	
	44	2	
35	45	2	
	47	2	
	49	2	
	50	1	
	52	2	
2840	54	2	
	55	1	
	56	1	
	58	2	
	59	1	
45	2:01	2	
	2	1	
	4	2	
	5	1	
	6	1	
2850	8	2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2850	8	1	
	9	1	
	11	2	
	14	3	
	17	3	
55	20	3	
	22	2	
	25	3	
	27	2	
	29	2	
2860	32	3	
	40	2	
	44	2	
	46	2	
	48	2	
65	50	2	
	51	1	
	52	1	
	54	2	
	55	1	
2870	56	1	
	57	1	
	58	1	
	58	1/2	
	59	1/2	
75	59	1/2	
	3:00	1/2	
	02	2	
	05	3	
	07	2	
2880	09	2	
	11	2	
	13	2	
	15	2	
	17	2	
85	19	3	
	21	2	
	24	3	
	26	2	
	28	2	
2890	31	3	
	32	1/2	
	34	1/2	Conn to Rig ✓
	35	1	Add
	53	2	
95	55	2	3000's
	54	1	
	58	2	oil
	59	1	
	4:01	2	
2900	03	2	

ROTARY DRILLING TIME SHEET # 503  
 BARBAR BLAIR PRINT CO., WICHITA, KAN.

COMPANY *Dickl Oil & Minerals* FARM *Parry* '0' WELL NO. *4*  
 SEC. TWP. RGE. LOC. COUNTY *Ellis* STATE *Ks.*  
 CONTRACTOR *Kaplanis* *Big #8* SIZE HOLE *7 7/8* DRILL PIPE *4 1/2*  
 REMARKS: SIZE PUMP LINERS *5-3/4* LENGTH STROKE *14*

DATE *9/8/90 a.m.*

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>1900</del>	<del>4:05</del>	<del>2</del>	<del>falling 0'</del>
	07	2	
	09	2	
	11	2	
	13-3/4		
	15-	2	
	17	1 1/2	
	18	1	
	19-	1 1/2	
10	20-	1	
	21-	1	
	23	1 1/2	
	23-	1 1/2	
	24	1 1/2	
	25-	1	
	26	1	
	28	2	
	29-	1 1/2	
	31	1 1/2	
20	34	3	
	36	2	
	38	2	
	40	2	Fun - Open Hopper
	42/49	2	Mixing
	52	3	
	53	3	6 1/2" 5" Arch
	2 1/2 23	3	V Valves
	26	3	
	28	2	
30	30	2	
	33	3	
	35	2	
	37	2	
	41	4	
	44	3	
	47	3	
	51	4	
	53	4	
	6:02	7	
40	08	6	
	15	7	
	21	6	
	27	6	
	32	5	
	34	2	
	36	2	
	37-1/2		
	39	1 1/2	
	41	2	
2950	44	3	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>2950</del>	<del>44</del>	<del>3</del>	
	50	3	
	53-	3 1/2	
	57	3 1/2	Conn
	0305	2	
	08	3	
	11	3	
	15	4	
	18	3	
60	21	3	
	24	3	
	27	3	
	30	3	
	33	3	
	34	3	
	39	3	
	40	1	
	41	1	
	42	1	
70	44	2	
	44	2	
	47-	1 1/2	
	50	2 1/2	
	53	3	
	56	3	
	59	3	Chart
	01/04	3	
	06	2	
	08	2	
80	10	2	
	12	2	
	14	2	
	17	3	
	19	2	
	22	3	
	25	3	
	28	3	
	49/19	2	Conn - Clean Screen
	46	4	
90	49	3	
	52	3	
	56	4	
	9:00	4	
	03	3	
	02	4	
	10	3	
	13	3	
	17	4	
	21	4	
3000	26	5	ris-36 wt-92

ROTARY DRILLING TIME SHEET # 503  
 KANSAS BLUE PRINT CO., WICHITA, KAN. 09-281  
 Recorder No.

wt

COMPANY Dahl Oil FARM Peavey 10' WELL NO. 4  
 SEC. TWP. RGE. LOC. COUNTY Ellis STATE Ks.  
 CONTRACTOR Emphasis Rig # 8 SIZE HOLE 7 7/8 DRILL PIPE 4 1/2  
 REMARKS: SIZE PUMP LINERS 5 3/4 LENGTH STROKE 14

DATE 9/8/90 pm.

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>3000</del>	<del>9:30</del>	<del>4</del>	<del>vis-36 wt-9.7</del>
	35	5	NL-22
	39	4	Mixing Mud
	44	5	200'
	49	5	Pump Pressure
	54	5	
	10:00	4	
	06	4	
	14	8	
10	20	4	
	24	6	
	30	4	
	35	5	
	38	3	
	42	4	Conn.
	<del>48</del>	<del>3</del>	
	54	3	
	58	4	
	11:01	3	
20	05	4	
	09	4	
	13	4	
	17	4	
	21	4	
	26	5	
	30	4	
	33	3	
	36	3	
	39	3	
30	41	2	Vis 44
	44	3	wt 9.7
	47	3	wt 13
	50	3	
	54	4	
	58	4	
	12:02	4	
	07	5	
	10	3	
	14	4	
40	17	3	
	19	2	
	21	2	
	23	2	
	28	5	Conn 3044
	<del>44</del>	<del>4</del>	Hopper open
	52	4	
	56	4	
	1:00	4	
	04	4	
3050	07	3	

DEPTH	TIME O'CLOCK	MIN.	REMARKS	
<del>3150</del>	<del>07</del>	<del>10</del>	<del>3</del>	Hopper close
	17	4		
	17	3		
	20	3		
	24	4		
	27	3		
	31	4		
	35	4		
	39	4		
60	43	4		
	47	4		
	51	4		
	55	4		
	59	4		
	2:03	4		
	06	3		
	11	5		
	16	5		
	20	4		
20	23	3		
	25	2		
	28	3		
	30	2		
	32	2		
	34	2		
	36	2	Conn 3026	
	<del>42</del>	<del>2</del>		
	44	2		
	46	2		
	50	4		
80	54	4		
	59	5		
	3:02	3		
	06	4		
	10	4		
	14	4		
	18	4		
	22	4		
	25	3		
	29	4		
90	33	4		
	36	3		
	40	4		
	44	4		
	47	3		
	57	4		
	55	4		
	59	4		
	4:03	4	Vis 41 wt 9.6	
	07	4	wt 10	
3:00	10	3		

ROTARY DRILLING TIME SHEET # 803  
 KANSAS BLUE PRINT CO., WICHITA, KAN.  
 December No. 08-281



COMPANY Dick O. FARM Deary 118<sup>cr</sup> WELL NO. 4  
 SEC. TWP. RGE. LOC. COUNTY Ellis STATE KS  
 CONTRACTOR E.O. #8 SIZE HOLE 7 7/8 DRILL PIPE 4 1/2  
 REMARKS: SIZE PUMP LINERS 5 3/4 LENGTH STROKE 14

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3100	4:19	4	
	18	4	
	23	5	
	27	4	Conn 3104
	32	4	
	40	4	
	44	4	
	49	5	
	53	4	
40	55	2	
	57	2	
	59	2	
	5:03	4	
	08	5	
	13	5	
	17	4	
	20	3	
	23	3	
	26	3	
20	29	3	
	32	3	
	35	3	
	38	3	
	42	4	
	45	3	
	48	3	
	51	3	
	54	3	
	57	3	
30	6:00	3	
	04	4	
	09	5	
	14	5	
	18	4	
	22	4	Conn 3135
	27	3	
	33	3	
	36	3	
	39	3	
40	41	2	
	44	3	
	47	3	
	51	4	
	54	3	
	59	5	
	7:02	3	
	5	3	
	8	3	
	11	3	
3180	13	2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3150	13:15	2	V.S. 42
	18	3	wt 9"
	21	3	wt 8"
	26	5	LCM 2"
	31	5	
	37	6	
	40	3	
	44	4	
	47	3	
60	52	5	
	57	5	
	8:01	4	
	2	4	
	7	5	
	13	6	
	18	5	
	23	5	Conn 3167
	8:43	5	
	46	3	
70	50	4	
	54	4	
	57	3	
	9:01	4	
	4	3	
	8	4	
	11	3	
	15	4	
	18	3	
	21	3	
80	23	2	
	26	3	
	28	2	
	31	3	
	34	3	
	37	3	
	41	4	
	45	4	
	49	4	
	53	4	
90	56	3	
	10:00	4	
	4	4	
	7	3	
	11	4	
	15	4	
	19	4	
	23	4	
	28	4	Conn
	36	4	
3200	38	2	

ROTARY DRILLING TIME SHEET # 803  
 BARBAR BLUM PRINT CO., WICHITA, KAN. 09-281

COMPANY Dicht Oil F.

FARM Peavey

WELL NO. 0-4

SEC. TWP. RGE. LOC.

COUNTY Ellis

STATE KS.

CONTRACTOR

SIZE HOLE

DRILL PIPE

REMARKS:

SIZE PUMP LINERS

LENGTH STROKE

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>3200</del>	<del>11:38</del>	<del>3</del>	
	41	3	
	43	2	
	46	3	
	49	3	
5	52	3	
	55	3	
	59	4	
	11:03	4	
	6	3	
3210	9	3	
	13	4	
	16	3	
	19	3	
	22	3	
15	25	3	
	28	3	
	32	4	
	35	3	
	38	3	
3220	40	2	
	43	3	
	47	4	
	50	3	
	51	4	
25	56	2	
	59	3	
	12:01	2	
	4	2	Conn
	12:16	4	
3230	20	4	
	24	4	
	27	3	
	31	4	
	36	5	
35	41	5	
	46	5	
	54	4	
	12	3	
	15	3	
3240	18	3	
	21	3	
	25	4	
	29	4	
	32	3	
45	35	3	
	39	4	
	43	4	
	46	3	
	51	5	
	55	4	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>3250</del>	<del>1:55</del>	<del>5</del>	
	2:00	5	
	5	5	
	10	5	
	17:00	3	
55	23	3	
	27	4	
	31	4	
	34	3	
	37	3	Conn
3260	43	3	
	49	3	
	52	4	
	57	4	
	3:00	3	
65	04	4	
	08	4	
	11	3	
	15	4	
	18	3	
3270	22	4	
	26	4	
	29	3	
	32	3	
	36	4	
75	39	3	
	42	3	
	44	2	
	47	3	
	51	4	
3280	54	3	
	54	2	
	58	2	
	4:01	3	
	04	3	
85	07	3	
	10	3	
	13	3	
	16	3	vis-37 wt-90
	20	4	wt-140
3290	23	3	Conn & Rig ✓
	35/39	4	
	43	4	
	47	4	
	52	5	Mixing Mud
95	56	4	
	5:00	4	
	05	5	
	12	7	
	18	6	
3300	25	7	

ROTARY DRILLING TIME SHEET # 503  
 Recorder No. 09-251  
 KANSAS BLUE PRINT CO., WICHITA, KAN.

COMPANY Dicht Oil Operations FARM Peavey 'D' WELL NO. 4  
 SEC. TWP. .RGE. LOC. COUNTY Ellis STATE Ks.  
 CONTRACTOR Emphasis Rig # 8 SIZE HOLE 2 3/8 DRILL PIPE 4 1/2  
 REMARKS: SIZE PUMP LINERS 5 3/4 LENGTH STROKE 14

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>3300</del>	<del>5:25</del>	<del>6</del>	<del>Mixing Mud</del>
	38	7	}
	44	6	
	50	6	
	57	7	
	6:01	4	
	06	5	
	09	3	
	13	4	
10	16	3	
	21	5	
	25	4	
	30	5	
	34	4	
	37	3	
	40	3	
	44	4	
	49	5	
	55	6	
20	2:00	5	
	05	5	
	14/16	2	
	19	3	
	21	2	
	24	3	
	27	3	
	30	3	
	32	2	
	35	3	
20	38	3	
	41	3	
	45	4	
	48	3	
	53	5	
	56	3	
	8:00	4	
	03	3	
	07	4	
	11	4	
40	17	6	
	20	3	
	25	5	
	31	6	
	35	4	
	39	4	
	44	5	
	48	4	
	52	4	
	56	4	
3350	9:00	4	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>3350</del>	<del>9:00</del>	<del>5</del>	<del>vis-45 wt. - 9%</del>
	09	4	wt-14%
	14	7	Conn
	24/29	5	
	34	5	
	40	6	
	45	5	
	50	5	
	55	5	
60	59	4	
	10:04	5	
	09	5	
	14	5	
	19	5	
	24	5	
	29	5	
	34	5	
	39	5	
	45	6	
70	49	4	
	53	4	
	58	5	
	11:02	4	
	07	5	
	11	4	
	15	4	
	20	5	
	25	5	
	30	5	
80	36	6	vis 47 wt 9.6
	41	5	wt 12 Lcm 4%
	46	5	
	52	6	
	56	4	Conn 3384
	12:10	3	
	15	5	
	20	5	
	25	5	
	30	5	
90	35	5	
	40	5	
	45	5	
	49	4	
	53	4	
	57	4	
	1:00	3	
	04	4	
	08	4	
	12	4	
3400	17	5	

ROTARY DRILLING TIME SHEET # 803  
 KANSAS BLUE PRINT CO., WICHITA, KAN.  
 Standard No. 09-231

COMPANY Dickel Oil Co FARM Peavey WELL NO. 4  
 SEC. TWP. RGE. LOC. COUNTY Ellis STATE KY  
 CONTRACTOR E.O.O. IP8 SIZE HOLE 7 7/8 DRILL PIPE 4 1/2  
 REMARKS: Wet fill SIZE PUMP LINERS 5 3/4 LENGTH STROKE 14

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>3400</del>	<del>1:17</del>	<del>4</del>	
	21	4	
	26	5	
	31	5	
	35	4	
	40	5	
	43	3	
	47	4	
	50	3	
	53	3	VIS 42 WT 9.6
10	55	2	WL 13 Len 4#
	58	3	
	2:00	2	
	2:03	3	CONV 3413
	09/11	2	HOPPER OPEN
	16	5	
	21	5	
	25	4	
	30	5	
	33	3	
20	37	4	
	43	6	
	49	6	
	55	6	
	3:00	5	
	04/05	5	DIT BALL UP
	18/11	3	CLEAN SCREEN
	25	4	
	28	3	
	30	2	
30	35	5	5' WET/DRY
	38	3	
	41	3	
	43	2	
	45	2	
	48	3	
	51	3	
	54	3	
	56	2	
	59	3	
40	402	3	
	05	3	
	08	3	
	11	3	CONV 3443
	12/20	3	
	22	2	VIS 48 WT 9.4T
	25	3	WL 9
	27	2	
	30	3	
	33	3	
3450	35	2	STOP CFS 30-60

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>3450</del>	<del>1:23</del>	<del>3</del>	
	28	3	
	31	3	
	34	3	
	38	4	
	41	3	
	44	3	
	48	4	
	57	3	
	55	4	
60	59	4	
	2:00	3	R
	06	4	
	11	5	
	16	5	
	21	5	
	27	6	
	31	4	
	35	4	SR
	37	2	R
70	41	4	STOP CFS 30-60
	45	4	
	48	3	
	52	4	CONV 3473
	55	4	STOP CFS 30-60
	12/09	3	
	11	2	
	13	2	
	16	3	
	19	3	
80	21	2	
	22 1/2	1 1/2	
	25	2 1/2	
	28	3	
	30	2	
	32	2	
	36	4	
	39	3	
	43	4	
	45	2	
90	46	1	
	48	2	
	50	2	
	54	4	
	58	4	
	1:01	3	
	05	4	
	08	3	
	10	2	
	13	3	
35:00	18	5	STOP CFS 30-60

ROTARY DRILLING TIME SHEET # 803  
 BARBAR BUREAU PRINT CO., WICHITA, KAN.  
 05-201