

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

ORIGINAL

API NO. 15-129-21,220-00-00

County Morton

NE - NE - SE - SW Sec. 32 Twp. 34S Rge. 43 X ^E _W

1250 Feet from S/W (circle one) Line of Section

2480 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 Linscott "B" Well # 9

Field Name Greenwood

Producing Formation Wabaunsee, Topeka

Elevation: Ground 3532 KB

Total Depth 3000 PBTD 2875

Amount of Surface Pipe Set and Cemented at 679 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth: set Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

Drilling Fluid Management Plan ALT 1 27 10-7-94
(Data must be collected from the Reserve Pit)

Chloride content 95,548 ppm Fluid volume 700 bbls

Dewatering method used Natural Evaporation

Location of fluid disposal if hauled offsite:

RECEIVED

Operator Name KANSAS CORPORATION COMMISSION

Lease Name 5-24-1994 License No.

Quarter Sec. MAY 2 4, 1994 Twp. S Rng. E/W

County CONSERVATION DIVISION Docket No. WICHITA, KS.

Operator: License # 4549

Name: Anadarko Petroleum Corporation

Address P. O. Box 351

City/State/Zip Liberal, KS 67905-0351

Purchaser: Panhandle Eastern Pipe Line Company

Operator Contact Person: J. L. Ashton

Phone (316) 624-6253

Contractor: Name: Norseman Drilling

License: 3779

Wellsite Geologist: NA

Designate Type of Completion

X New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.

Gas ENHR X 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 PBTD

Commingled Docket No.

Dual Completion Docket No.

Other (SWD or Inj?) Docket No.

11/30/93 12/3/93 2/28/94

Spud Date Date Reached TD Completion Date

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 Leslie I. Barnes

Title Sr. Technical Assistant Date 5/18/94

Subscribed and sworn to before me this 18th day of May 1994.

Notary Public Cheryl Steers

Date Commission Expires

CHERYL STEERS
Notary Public - State of Kansas
My Appt. Expires 6-1-97

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

Operator Name Anadarko Petroleum Corporation Lease Name Linscott "B" Well # 9

Sec. 32 Twp. 34S Rge. 43
 East
 West

County Morton

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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" 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	Stone Corral	1225	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Wabaunsee	2555	
		Topeka	2745	
		Greenwood Lansing	2920	

List All E.Logs Run: COMPENSATED NEUTRON DENSITY
MICRO-RESISTIVITY
CEMENT BOND
SPECTRAL GAMMA RAY
DUAL INDUCTION

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	12 1/4	8 5/8	24	679	25/75 Pozmix Class "C"	275 150	2% cc, 1/2#/sx flocele 2% cc
Production	7 7/8	5 1/2	15.5	2976	Class "C" Class "C"	315 40	20% DCD, 2% cc 1/2#/sx flocele 10% DCD, 1/2#/sx flocele

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	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth
4	2882-2890	Brk dwn 2/600 gal 2% KCL wtr + 48 BS (1.3 SG). 2882-90
4	2840-50, 2815-21, 2785-2804, 2745-48	A/in 2' intervals w/100 gals 15% HCL acid/ft. Total acid 4900. Fl w/400 gals 2% KCL wtr. 2693-2850
	2730-32, 2693-95	
	CIBP @ 2875'	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8	2702		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. _____ Producing Method Flowing Pumping Gas Lift Other (Explain) _____
 SI for Evaluation _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas TSTM	Ncf	Water Bbls.	Gas-Oil Ratio	Gravity
	-			25	-	-

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

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval: 2693-2850

ORIGINAL

NORSEMAN DRILLING, INC.
WICHITA, KANSAS
DRILLERS' WELL LOG

WELL NAME: LINSCOTT B #9
SECTION 32-34S-43W
MORTON COUNTY, KANSAS

API#15-129-21220

COMMENCED: NOVEMBER 30, 1993

COMPLETED: DECEMBER 4, 1993

OPERATOR: ANADARKO PETROLEUM CORPORATION

Depth		Formation	Remarks
From	To		
0	859	Sand & Redbed	Ran 16 jts of 24#
860	990	Glorietta Sand	8 5/8" csg set @
991	1820	Redbed	679'; w/275 SX of
1821	3000	Lime-Shale	25/75 pozmix-2% CC 1/4# SX Floceal Tailed with 150 SX Common; 2% CC; Plug down 12:30 p.m. 12/01/93.

Ran 68 jts. 5 1/2" 15.50#, Set @ 2976'; Cement w/315 SX Premium Light; 20% Diacel D; 2% CC; 1/4# Floceal; Tailed w/40 SX Premium Light; 10% Diacel D, 1/4# Floceal; Plug down @ 5:15 p.m. on 12/04/93.

STATE OF KANSAS

)I, the undersigned, being duly sworn on
)oath, state that the above Drillers' Well
)Log is true and correct to the best of my
)knowledge and belief and according to the
)records of this office.

COUNTY OF SEDGWICK

NORSEMAN DRILLING, INC.

James P. Reilly
JAMES P. REILLY, PRESIDENT

RECEIVED
KANSAS CORPORATION COMMISSION

Subscribed & sworn to before me this

December 16, 1993

MAY 24 1994

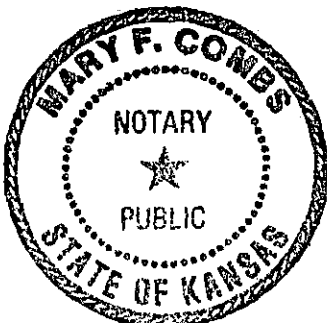
CONSERVATION DIVISION
WICHITA, KS

My Appointment Expires:

August 25, 1996

Mary F. Combs

Mary F. Combs, Notary Public
8515 S. West Street
Wichita, KS 67233



JOB LOG FORM 2013 R-4

 CUSTOMER Amundson Prod Co WELL NO. 139 LEASE Linscott JOB TYPE 5% Prod Str TICKET NO. 6149756

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0900							Time Called
	1000	1130						Time Back
	1145							Time out
								Start Pump casing
	1345							Casing in hole
	1346							Hook up to Circulate casing
	1352							Circulate casing w/ 1210 Pump
	1354							Circulate Mat to Central Landing
	1615							Hook up to Pump Truck
	1618		10			400		Start 2% KCl Neph
	1620		30			400		Start Mat Fluid
	1626		10			400		Start 2% KCl Return
	1628	6.6				326		Start Mix Cement
	1647	/	156.91			300		Start Tail Cement
	1649		14.88			350		Final Mix Cement
	1650		165.79			350		SHUT DOWN
	1653	5						Start Displacement
		301	70.8					and Pumps + Lines
	1715							Plug Down
								Flare Held.
								Last Circulation about 10 ³⁰
								Thanks For Calling
								Halliburton
								Energy Services
								Olson
								Coen

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 MAY 24 1994
 CONSERVATION DIVISION
 WICHITA, KS



HALLIBURTON
ENERGY SERVICES

TICKET CONTINUATION

COPY

35

TICKET No. 64970

FORM 1911 R-9

CUSTOMER		WELL		DATE		PAGE		OF							
Anadarko		B-9		12-4-93		3		12							
PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M	QTY.	U/M	UNIT PRICE		AMOUNT	
		LOC	ACCT	DF											
504-050	516.00265					Premium Plus Cement	355		sk			9 22	3,273	10	
500-959	70.15524					Diacel "D" B/ ^{10% W/ 40} 20% W/ 315	6300		lb			42	2,646	00	
507-210	890.50071					Flocele B/ 1/4" W/ 355	89		lb			1 40	124	60	
509-406	890.50812					Calcium chloride B/ 2% W/ 315	6		sk			28 25	169	50	
<p>RECEIVED KANSAS CORPORATION COMMISSION MAY 2 1994 CONSERVATION DIVISION WICHITA, KS</p>															
500-207						SERVICE CHARGE				CUBIC FEET	744	1 35	1,004	40	
500-306						MILEAGE CHARGE	TOTAL WEIGHT 40,233	LOADED MILES 41		TON MILES	824,777	95	783	54	

ORIGINAL

CONTINUATION TOTAL 7007.14



HALLIBURTON ENERGY SERVICES

FORM 1906 R-13

CHARGE TO: *Anadarko Petroleum Corp*
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

COPY

TICKET

No.

649756 - 8

PAGE 1 OF _____

1. SERVICE LOCATION: <i>25540</i>	WELL/PROJECT NO.: <i>B9</i>	LEASE: <i>Linscott</i>	COUNTY/PARISH: <i>Montai</i>	STATE: <i>K</i>	CITY/OFFSHORE LOCATION: _____	DATE: <i>12-14-93</i>	OWNER: <i>Anadarko</i>
2. TICKET TYPE: <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR: _____	RIG NAME/NO.: <i>1st Anadarko Digs</i>	SHIPPED VIA: _____	DELIVERED TO: <i>Loc</i>	ORDER NO.: _____	
3. WELL TYPE: _____	WELL CATEGORY: _____	JOB PURPOSE: <i>0.35 5/8 Prod String</i>	WELL PERMIT NO.: _____	WELL LOCATION: <i>NW of ELK HWT</i>			
4. REFERRAL LOCATION: _____	INVOICE INSTRUCTIONS: <i>0265</i>						

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
<i>000+117</i>					MILEAGE	<i>82</i>				<i>2.75</i>	<i>225.00</i>
<i>001-016</i>					Pump charge	<i>2976</i>			<i>FT</i>		<i>1345.00</i>
<i>030-016</i>					5th Top Plug	<i>1</i>			<i>EXL 5%</i>	<i>60.00</i>	<i>60.00</i>
<i>HA</i>	<i>836-07100</i>				Float shoe 'Super Seal II'	<i>1</i>			<i>EXL 5%</i>	<i>253.00</i>	<i>253.00</i>
<i>HO</i>	<i>806-60022</i>				Centralizers	<i>18</i>			<i>EXL 5%</i>	<i>44.00</i>	<i>792.00</i>
<i>018-315</i>					Med. Fluid	<i>1260</i>			<i>BL</i>	<i>15.00</i>	<i>819.00</i>
<i>218-738</i>					Clay Fin II	<i>2</i>			<i>BL</i>	<i>24.00</i>	<i>48.00</i>

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 MAY 24 1994
 CONSERVATION DIVISION

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE: *[Signature]*
 DATE SIGNED: *12-4-93* TIME SIGNED: *5:30*
 A.M. P.M.
 do do not require IPC (Instrument Protection). Not offered

SUB SURFACE SAFETY VALVE WAS:
 PULLED & RETURN PULLED RUN

TYPE LOCK	DEPTH	
BEAN SIZE	SPACERS	
TYPE OF EQUALIZING SUB.	CASING PRESSURE	
TUBING SIZE	TUBING PRESSURE	WELL DEPTH
TREE CONNECTION	TYPE VALVE	

SURVEY	AGREE	UN-DECIDED	DIS-AGREE
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	<input checked="" type="checkbox"/>		
WE UNDERSTOOD AND MET YOUR NEEDS?	<input checked="" type="checkbox"/>		
OUR SERVICE WAS PERFORMED WITHOUT DELAY?	<input checked="" type="checkbox"/>		
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?	<input checked="" type="checkbox"/>		
ARE YOU SATISFIED WITH OUR SERVICE?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL: *3542.50*
 FROM CONTINUATION PAGE(S): *8001 14*
 SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE

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): <i>[Signature]</i>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE): <i>[Signature]</i>	HALLIBURTON OPERATOR/ENGINEER: <i>[Signature]</i>	EMP #: <i>59179</i>	HALLIBURTON APPROVAL: <i>[Signature]</i>
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ORIGINAL

JOB LOG FORM 2013 R-4

CUSTOMER *Amadorke PET Corp* WELL NO. *9* LEASE *LINSCOTT B* JOB TYPE *8 5/8 Surface* TICKET NO. *679680*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	<i>1700</i>							<i>Called out ORIGINAL</i>
	<i>2100</i>							<i>on location ORIGINAL</i>
								<i>Rigged up</i>
								<i>Safety meeting</i>
								<i>Hook up to circulate with rig</i>
	<i>2340</i>							<i>Hook up cement iron</i>
	<i>2345</i>	<i>6</i>	<i>55</i>			<i>200</i>		<i>START Lead cement 275 SKS</i>
	<i>2400</i>	<i>6</i>	<i>28</i>			<i>200</i>		<i>START Tail cement 150 SKS</i>
	<i>0007</i>							<i>Release Plug</i>
	<i>0009</i>	<i>6</i>	<i>41.5</i>			<i>150/200</i>		<i>Displace Plug</i>
	<i>0019</i>	<i>1</i>				<i>800</i>		<i>Load Plug</i>
								<i>Release psi check float OK</i>
								<i>Circulated cement</i>

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 MAY 24 1994
 CONSERVATION DIVISION
 WICHITA, KS



HALLIBURTON ENERGY SERVICES

CHARGE TO:

Ameluko Petroleum Corp

ADDRESS

CITY, STATE, ZIP CODE

COPY

TICKET

No.

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PAGE 1 OF 1

FORM 1906 R-13

1. Liberal	WELL/PROJECT NO. 9	LEASE Linscott B	COUNTY/PARISH Houston	STATE KS	CITY/OFFSHORE LOCATION	DATE 11/20/93	OWNER Sumic
2. Houston	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO Location	ORDER NO.
3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION	32-345-43W	
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
000-117					MILEAGE	150	mi	1		2.75	412.50
001-016					Pump Charge	694	FT	1			325.00
030-018					Swivel Plug	1	EU	8 7/8 in			120.00
16 A	820-2171				Type in Guide shoe	1	EU	8 7/8 in			161.00
24 A	815-19502				Insert float	1	EU	8 7/8 in			171.00
27	815-19415				Auto fill	1	EU	8 7/8 in			55.00
40	806-6459				Centralizers	4	EU	8 7/8 in		72.00	288.00
225	816-7060				BASKET	1	EU	8 7/8 in			122.00
350	870-11502				Weld A	1	lb				14.50

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 MAY 24 1994
 CONSERVATION DIVISION
 WICHITA, KS

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.		SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN		CONSERVATION SURVEY <input type="checkbox"/> AGREE <input type="checkbox"/> UN-DECIDED <input type="checkbox"/> DIS-AGREE		PAGE TOTAL 2177.00
CUSTOMER OR CUSTOMER'S AGENT SIGNATURE <i>[Signature]</i>		TYPE LOCK DEPTH BEAN SIZE SPACERS		OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? WE UNDERSTOOD AND MET YOUR NEEDS? OUR SERVICE WAS PERFORMED WITHOUT DELAY? WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO		
DATE SIGNED 11-1-93		TIME SIGNED 1:30 P.M.		TYPE OF EQUALIZING SUB. CASING PRESSURE TUBING SIZE TUBING PRESSURE WELL DEPTH TREE CONNECTION TYPE VALVE		SUB-TOTAL 6322.09 APPLICABLE TAXES WILL BE ADDED ON INVOICE
<input type="checkbox"/> do <input type="checkbox"/> do not require IPC (Instrument Protection). <input type="checkbox"/> Not offered		<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)	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE)	HALLIBURTON OPERATOR/ENGINEER	HALLIBURTON APPROVAL
T. D. ...	<i>[Signature]</i>	<i>[Signature]</i>	41525

ORIGINAL