

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

Operator: License # 4549

Name: ANADARKO PETROLEUM CORPORATION

Address P.- O. BOX 351

City/State/Zip LIBERAL, KANSAS 67905-0351

Purchaser: ANADARKO TRADING COMPANY

Operator Contact Person: J. L. ASHTON

Phone (316) 624-6253

Contractor: Name: BIG 'A' DRILLING INC.

License: 31572

Wellsite Geologist: NA

Designate Type of Completion

New Well Re-Entry Workover

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

If Workover:

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. _____

1-9-95 1-13-95 3-27-95
 Spud Date Date Reached TD Completion Date

API NO. 15- 175-21440-0000

County SEWARD

SE - SE - NW - NW Sec. 22 Twp. 33 Rge. 33 E

1250 Feet from X(N) (circle one) Line of Section

1250 Feet from X(W) (circle one) Line of Section

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

Lease Name NIX 'J' Well # 1H

Field Name HUGOTON

Producing Formation CHASE

Elevation: Ground 2831.9 KB --

Total Depth 2815 PBTB 2757

Amount of Surface Pipe Set and Cemented at 639 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 alt I 5-14-96
(Data must be collected from the Reserve Pit) Le

Chloride content 11000 ppm Fluid volume 400 bbls

Dewatering method used NATURAL EVAPORATION

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, 130 S. Market - Room 2078, 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.

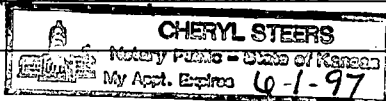
Signature L. Marc Harvey
L. MARC HARVEY

Title DRILLING TECHNICAL ASSISTANT Date 5-3-95

Subscribed and sworn to before me this 3rd day of May, 19 95.

Notary Public Cheryl Steers

Date Commission Expires _____



K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
		<input type="checkbox"/> NGPA
		<input type="checkbox"/> Other (Specify)

RECEIVED
KANSAS CORPORATION COMMISSION

MAY 15 1995

SIDE TWO

Operator Name ANADARKO.PETROLEUM CORPORATION Lease Name NIX 'J' Well # 1H

Sec. 22 Twp. 33 Rge. 33 East West
 County SEWARD

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 Datums <input type="checkbox"/> Sample Name Top Datum HERRINGTON 2575 KRIDER 2606 WINFIELD 2694 TOWANDA 2755
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 (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

List All E.Logs Run: CCL-CBL-GR, DIL, CNL-LDT, SONIC, MSFL, NGR.

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
PRODUCTION	7 7/8	5 1/2	15.5	2815	PREM PLUS/ PREM PLUS	175/75	20%DCD, 2%CC, 1/4#/SX FLC/ 10%DCD, 2%CC, 1/4#/SX FLC

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	
		2	2608-2616', 2578-2592'
2	2616-2678	NONE	

TUBING RECORD	Size 2-3/8	Set At 2708	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. FIRST PRODUCTION: 4-29-95	Producing Method <input checked="" 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 36 Mcf	Water 22 Bbls.	Gas-Oil Ratio Gravity

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: 2578-2670 (OA)

BIG A DRILLING

ORIGINAL

P.O. Box 1856

Liberal, KS. 67905-1856

316-624-1904

API #15-175-21440

DRILLERS' WELL LOG

WELL NAME: Nix J1H
 Sec 22/33W/33W
 Seward Co. KS.

COMMENCED: 1-9-95

COMPLETED: 1-14-95

OPERATOR: Anadarko Petroleum Corporation

Depth		Formation	Remarks
From	To		
0	267	Grass Roots & Surface Ground	Rig up & ran 15 jts. new 24# 8 5/8 Csg. Tally 637 set @ 639 cement w/155 SX. 65% Class C, 35% Pozmix, w/6% total gel, 2% CaCL2 + 1/4#/SX Flocele. Tail w/120 SX Class C, w/2% CaCL2 + 1/4#/SX Flocele. Plug down @ 11:30 A.M. Cement did not Cir. 1" w/200SX. Common did not Cir. Job completed @ 2:15P.M. 1-10-95. Put 6 yards pea gravel to fill hole to bottom cellar.
268	487	Water Sand	
488	1139	Red Bed	
1140	1251	Glorietta Sand	
1252	1586	Red Bed	
1587	1630	Anyhidrite	
1631	2507	Red Bed & Shale	
2508	2815	Lime & Shale	

Rig up & ran 66 jts. new & used 5 1/2 15.50# 5 1/2 Csg. Tally 2 8/5 set @ 2815. Cement w/200 SX. Class C, w/20% Diacel D, 2% CaCL2 + 1/4#/SX. Flakes Tail w/40 SX. Class C, w/10% Diacel D, 2% CaCL2 + 1/4#/SX. Flakes plug down @ 1:30 P.M. 1/14/95. Rig released @ 2:30 P.M. 1/14/15 by Jim Barlow

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

COUNTY OF SEWARD Office.

RECEIVED
 KANSAS CORPORATION COMMISSION

BIG A DRILLING, LC

MAY 15 1995

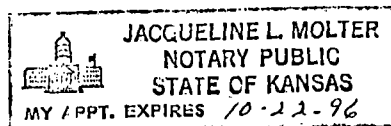
CONSERVATION DIVISION
 WICHITA, KS

William Heskett

William Heskett, Toolpusher

Subscribed & sworn to before me this

19th Day of January, 1995



My Appointment Expires:

10-22-96

Jacqueline L. Molter
 Jacqueline L. Molter, Notary Public
 P. O. Box 1597
 Liberal, KS 67905-1597

RECEIVED
KANSAS CORPORATION COMMISSION

MAY 15 1995

CONSERVATION DIVISION
WICHITA, KS

WELL DATA

FIELD _____ SEC. 22 TWP. 33^S RING. 33^W COUNTY Sevier 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 _____ SET AT _____
 BOTTOM HOLE TEMP. _____ PRESSURE _____
 MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING		24	8 7/8	KB	655	
LINER						
TUBING						
OPEN HOLE			12 1/4	GL	640	SHOTS/FT.
PERFORATIONS			ORIGINAL			
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>1-10</u>	DATE <u>1-10</u>	DATE <u>1-10</u>	DATE <u>1-10</u>
TIME <u>0700</u>	TIME <u>0900</u>	TIME <u>1020</u>	TIME <u>1115</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
Float Collar <u>Turret Float</u>	<u>1</u>	<u>Houma</u>
Float Shoe <u>E.H. 140</u>	<u>1</u>	
Guide Shoe <u>Turret</u>	<u>1</u>	
Centralizers	<u>3</u>	
Bottom Plug		
Top Plug	<u>1</u>	
Head		
Packer <u>Basket</u>	<u>1</u>	
Other <u>Flux Weld</u>	<u>1 LB</u>	

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>Deane</u>	<u>40075</u>	<u>Liberal</u>
<u>DM</u>	<u>529384</u>	<u>"</u>
<u>Parsons</u>	<u>E1591</u>	<u>781-18</u>
<u>J. Booth</u>	<u>C8213</u>	<u>75817</u>
	<u>G9511</u>	<u>50737</u>
		<u>6612</u>

TREAT. FLUID _____ DENSITY _____ LB./GAL. °API
 DISPL. FLUID _____ DENSITY _____ LB./GAL. °API
 PROP. TYPE _____ SIZE _____ LB.
 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 _____

DEPARTMENT Cement
 DESCRIPTION OF JOB 8 3/4 Surface

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

CUSTOMER REPRESENTATIVE X Jim Burlaw

HALLIBURTON OPERATOR Deane COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>160</u>	<u>Prem Plus</u>	<u>LTWT</u>		<u>2% CC</u>	<u>2.05</u>	<u>12.3</u>
	<u>120</u>	<u>Prem Plus</u>			<u>2% CC</u>	<u>1.32</u>	<u>14.8</u>
	<u>700</u>	<u>Premium</u>			<u>2% CC</u>	<u>1.18</u>	<u>15.6</u>

PRESSURES IN PSI _____ SUMMARY _____ VOLUMES _____
 CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL.-GAL. 40 TYPE Water
 BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 39.0
 SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY: BBL.-GAL. 86.62 42.32 1"
 HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____

ORDERED _____ AVAILABLE _____ USED _____
 AVERAGE RATES IN BPM _____
 TREATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 REASON Shoe Joint

RECEIVED

KANSAS CORPORATION COMMISSION

MAY 15 1995

CUSTOMER CONSERVATION DIVISION WICHITA, KS

in writing by 77056.

5-R4

CUSTOMER Avondale Pinedale Co. Co. Co. LEASE 1-10-95 WELL NO. 1-H JOB TYPE 8 3/4 Surface DATE 1-10-95

JOB LOG HAL-2013-C

CUSTOMER: *Amesbury P. Co.* WELL NO.: *1-H* LEASE: *Nix 1* JOB TYPE: *8 3/4 Sucker* TICKET NO.: *706131*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	

	0700							Time Colled
	0800							Time Ready
	0900							Time onloc. Big Pilling DP out of hole

RECEIVED
KANSAS CORPORATION COMMISSION

MAY 15 1995

ORIGINAL

CONSERVATION DIVISION
WICHITA, KS

	0930							Start Pump Casing
	1020							Casing, in Hole
	1028							Hook up to Circulate Casing
	1030	4	40					Circulate Casing, 40 Prop Ball 40 Then Circulate Casing To Ground Level NO CIRC AT ALL
	1040							Hook up to Pump Truck

	1047					700		START Mixing Cement
	1057	4.0	58.41			700		START Tail Cement
	1103		28.21			150		Finish Mixing Cement
	1104		36.62			150		Shut Down Drop Plug

	1105	4				50		START Displacement
	1130	2.1	39.0			450		Plug Down

RECEIVED
KANSAS CORPORATION COMMISSION

MAY 15 1995

CONSERVATION DIVISION
WICHITA, KS

	1135							Order 1" Cement 200 ⁵⁰ Prem 2% CC
	1320							Run 1" Pipe in hole 80 FT
	1340							Hook up to 1" Pipe
	1347	2						Start Mixing Cement 100 ⁵⁰
	1403		21 ⁵⁰					Start 100 ⁵⁰ more 200 ⁵⁰ Total
	1413		21 ⁵⁰					Finish Mixing Cement
	1415		42 Total BBL					Shut Down

Float Held. Did Not

Circulate Cement
Prem 2% CC

Did Not Circulate Cement
To The PT

Hole Did Not Circulate any Fluid at All

Thanks For Calling Halliburton Dennis Cooper



HALLIBURTON ENERGY SERVICES

FORM 1906 R-13

CHARGE TO: Anderson Petro Corp.
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

COPY

RECEIVED No. _____
 KANSAS CORPORATION COMMISSION

TICKET WP
 706131 - 8

PAGE 1 OF _____

MAY 15 1995

SERVICE LOCATIONS 1. <u>25540 Lizard Ks</u>	WELL/PROJECT NO. <u>1-H</u>	LEASE <u>Mix J</u>	COUNTY/PARISH <u>Sevier</u>	STATE <u>Ks</u>	CITY/OFFSHORE LOCATION	DATE <u>10-95</u>	OWNER <u>Anderson</u>
2. <u>25535 Houghton Ks</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR	RIG NAME/NO. <u>Rich A Dells #</u>	SHIPPED VIA	DELIVERED TO <u>Loc.</u>	ORDER NO.
3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE <u>010 8 1/2 SURFACE</u>	WELL PERMIT NO.	WELL LOCATION <u>N of Lizard Ks</u>		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS <u>02 03</u>					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
<u>000-117</u>		<u>1</u>			<u>MILEAGE</u>	<u>22</u>	<u>Miles</u>			<u>2.75</u>	<u>60.50</u>
<u>001-016</u>		<u>1</u>			<u>Pump charge</u>	<u>640</u>	<u>FT</u>				<u>890.00</u>
<u>030-018</u>		<u>1</u>			<u>5ul Top Pkg.</u>	<u>1</u>	<u>Exl</u>			<u>130.00</u>	<u>130.00</u>
<u>16A</u>	<u>830-2171</u>	<u>1</u>			<u>Guide shoe</u>	<u>1</u>	<u>Exl</u>			<u>161.00</u>	<u>161.00</u>
<u>24A</u>	<u>815-19502</u>	<u>1</u>			<u>Insert float</u>	<u>1</u>				<u>171.00</u>	<u>171.00</u>
<u>27</u>	<u>815-19415</u>	<u>1</u>			<u>Filhp</u>	<u>1</u>				<u>55.00</u>	<u>55.00</u>
<u>320</u>	<u>806-70060</u>	<u>1</u>			<u>Basket</u>	<u>1</u>				<u>122.00</u>	<u>122.00</u>
<u>350</u>	<u>890-10802</u>	<u>1</u>			<u>Hexes w/d A</u>	<u>1</u>	<u>US</u>			<u>14.50</u>	<u>14.50</u>

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 <u>Jim Barlow</u> DATE SIGNED _____ TIME SIGNED _____ <input type="checkbox"/> A.M. <input type="checkbox"/> P.M. <input type="checkbox"/> 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		SURVEY <input type="checkbox"/> AGREE <input type="checkbox"/> UN-DECIDED <input type="checkbox"/> DIS-AGREE		PAGE TOTAL <u>1604.00</u> FROM CONTINUATION PAGE(S) <u>3862.20</u> <u>2769.55</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	WELL DEPTH			
TREE CONNECTION	TYPE VALVE	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO <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>Jim Barlow</u>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <u>Jim Barlow</u>	HALLIBURTON OPERATOR/ENGINEER <u>Dennis Coar</u>	EMP # <u>59179</u>	HALLIBURTON APPROVAL
--	---	---	-----------------------	----------------------



TICKET CONTINUATION

DUNCAN COPY

TICKET No. 706131

HALLIBURTON ENERGY SERVICES

FORM 1911 R-10

33 PLC

CUSTOMER APC

WELL Nix JIH

DATE 1-10-94

PAGE 3 OF 5

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
504-043	516.00272				PREMIUM CEMENT	200	SK			10.61	2122.00
509-406	890.50812				Calcium Chloride 2%/2%on side	4	sk			36.75	147.00
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: 2em; font-weight: bold;">ORIGINAL</div> <div style="text-align: center;"> <p>RECEIVED KANSAS CORPORATION CONSERVATION MAY 15 1995 CONSERVATION DIVISION WICHITA, KS</p> </div> </div>											
500-207					SERVICE CHARGE			CUBIC FEET	204	1.35	275.40
500-306					MILEAGE CHARGE	TOTAL WEIGHT 18960	LOADED MILES 25	TON MILES	237.0	.95	225.15

No. B 263467

CONTINUATION TOTAL 2769.55



HALLIBURTON **JOB SUMMARY**

HALLIBURTON DIVISION
HALLIBURTON LOCATION

mid cont
Liberal Ks

BILLED ON TICKET NO. 205745

WELL DATA

FIELD Hugoton SEC. 22 TWP. 33S RING. 33W COUNTY Seward 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 _____ SET AT _____
BOTTOM HOLE TEMP. _____ PRESSURE _____
MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>U</u>	<u>1515</u>	<u>5 1/2</u>	<u>GL</u>	<u>2815</u>	
LINER						
TUBING				RECEIVED		
KANSAS CORPORATION COMMISSION						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS					<u>MAY 15 1995</u>	
PERFORATIONS						

JOB DATA

CONSERVATION DIVISION

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>Auto fill</u>	<u>1</u>	<u>Hausco</u>
FLOAT SHOE <u>Insert float</u>	<u>1</u>	
GUIDE SHOE <u>Reg</u>	<u>1</u>	
CENTRALIZERS <u>54</u>	<u>14</u>	
BOTTOM PLUG		
TOP PLUG <u>5W</u>	<u>1</u>	
HEAD <u>PC</u>	<u>1</u>	
PACKER		
OTHER		

CALLED OUT	ON LOCATION	WICHITA	JOB COMPLETED
DATE <u>1-14-95</u>	DATE <u>1-14-95</u>	DATE <u>1-14-95</u>	DATE <u>1-14-95</u>
TIME <u>0500</u>	TIME <u>0800</u>	TIME <u>1145</u>	TIME <u>1315</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>O Nicholas</u> <u>41525</u>	<u>40078</u>	<u>Liberal</u>
<u>H Tedder</u> <u>56623</u>	<u>4903</u> <u>7131</u>	<u>LI</u>
<u>P Boone</u> <u>69614</u>	<u>4449</u> <u>75565</u>	<u>Hugoton</u>
<u>J Booth</u> <u>69511</u>	<u>50737</u> <u>6612</u>	
		ORIGINAL

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 Cement
DESCRIPTION OF JOB 5hr long string
JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.
CUSTOMER REPRESENTATIVE Jim Bulaw
HALLIBURTON OPERATOR Ernie Nicholas COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>175</u>	<u>Prom Plus</u>			<u>20% Diacel D 2% CC 1/4" Floccle</u>	<u>2.69</u>	<u>12</u>
	<u>75</u>	<u>Prom AUS</u>			<u>10% Diacel P 2% CC 1/4" Floccle</u>	<u>2.09</u>	<u>13</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL.-GAL. _____ TYPE _____
BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 66.3
SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY: BBL.-GAL. 83.8 27.9
HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____
ORDERED _____ AVAILABLE _____ USED _____ REMARKS _____
AVERAGE RATES IN BPM _____
TREATING _____ DISPL. _____ OVERALL _____
CEMENT LEFT IN PIPE _____
FEET 41 REASON Insert float

CUSTOMER Anadarko Petroleum Lease
LEASE NIX
"IT"
WELL NO. 1 H
JOB TYPE 5hr Long String
DATE 1-14-95

JOB LOG HAL-2013-C

 CUSTOMER Anedenko PET WELL NO. 1-H LEASE NIX "5" JOB TYPE 5 1/2 Long string TICKET NO. 705745

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0500							called out for 0800
	0800							on location Bulk Trucks on location 0925 Rig up Safety meeting Lay down Drill pipe
	0945							Run csng
	1150							Drop Ball
	1206							Circulate with Rig pump
	1220							Hook up cement line
	1225	6	10			300		START KCL
	1228	6	30			350		START mud flush
	1234	6	10			300		START KCL
	1236	6	83.8			250		START lead cement
	1250	6	27.9			250		START Tail cement
	1256							Wash up Truck
	1300							Release Plug ORIGINAL
	1301	6	66.3			100 500		Displace Plug
	1313	1				1250		Land Plug
	1315							Release psi check float OK
								did NOT circulate cement

RECEIVED
 KANSAS CONSERVATION DIVISION
 MAY 15 1995
 CONSERVATION DIVISION
 WILSON, KS