

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

API NO. 15-129-21497-0000 ORIGINAL

County Morton
-NW -SE - SE Sec. 8 Twp. 32S Rge. 39 X E W

Operator: License # 5447

1270 FSL Feet from (X) NW (circle one) Line of Section

Name: OXY USA Inc.

1525 FEL Feet from (X) NW (circle one) Line of Section

Address P. O. Box 300

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

City/State/Zip Tulsa, OK 74102-0300

Lease Name Renshaw B Well # 5

Purchaser: None (Dry)

Field Name East Kinsler

Operator Contact Person: Raymond Hui

Producing Formation (Dry)

Phone (918) 561-3548

Elevation: Ground 3263 KB 3274

Contractor: Name: Beredco Drilling Co.

Total Depth 6025 PBTD 2939

License: 5147

Amount of Surface Pipe Set and Cemented at 1729 Feet

Wellsite Geologist: None on site

Multiple Stage Cementing Collar Used? Yes X No

Designate Type of Completion

If yes, show depth set _____ Feet

X New Well Re-Entry Workover

If Alternate II completion, cement circulated from _____

Oil SWD SLOW Temp. Abd.

feet depth to _____ w/ _____ sx cmt.

Gas ENHR SIGW

X Dry Other (Core, WSW, Expl., Cathodic, etc)

Drilling Fluid Management Plan D&A JKH, 12-4-97
(Data must be collected from the Reserve Pit)

If Workover:

Chloride content 3200 ppm Fluid volume 800 bbls

Operator: OXY USA Inc.

Dewatering method used Evaporation

Well Name: Renshaw B 5

Location of fluid disposal if hauled offsite:

Comp. Date 4-17-97 Old Total Depth 6025

Deepening Re-perf. Conv. to Inj/SWD

X Plug Back PBTB

Commingled Docket No.

Dual Completion Docket No.

Other (SWD or Inj?) Docket No.

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

2-19-97 3-3-97 3-4-97

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 Raymond Hui

Title Analyst Date 5-15-97

Subscribed and sworn to before me this 15th day of May, 1998.

Notary Public Karen Anne Wells

Date Commission Expires 9-22-97

6-23-97

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

NGPA Other (Specify)

1997 JUN 23 10 55 AM KANSAS CORPORATION COMMISSION

Operator Name COY USA, Inc. Lease Name Renshaw B Well # 5
 Sec. 8 Twp. 32S Rge. 39 County Morton
 East West

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
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Morrow	6025	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E.Logs Run:	Ran Gamma Ray/CCL lgo			

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	1729'	CL A	530 sx	3%cc
Production	7 7/8"	5 1/2"	14	2947	CL A	375 sx	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	Spotted	50 sx CL H cmt	5200-5375.	20 sx CL H cmt from 3310-3000

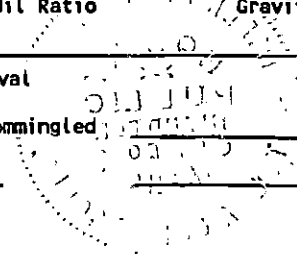
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	Not perf.		

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. Pump Testing	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. Dually Comp. Commingled Other (Specify) _____

Production Interval: _____





HALLIBURTON ENERGY SERVICES

HAL-1906-P

CHARGE TO
Oxy USA Inc

ADDRESS

CITY, STATE, ZIP CODE

ORIGINAL - DUNCAN COPY TICKET

No. 196279 - 6

RECEIVED
KANSAS CORP COMM

PAGE 1 OF 2

SERVICE LOCATIONS 1. <i>Hays Ks 025525</i>	WELL/PROJECT NO. <i>B.*5</i>	LEASE <i>Renshaw</i>	COUNTY-PARISH <i>Morton</i>	STATE <i>Ks</i>	CITY-OFFSHORE LOCATION <i>23 12:57</i>	DATE <i>3-2-97</i>	OWNER <i>Same</i>
2. <i>Angton Ks 025535</i>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <i>Berardo Only</i>	RIG NAME NO <i>#1</i>	SHIPPED VIA <i>CT</i>	DELIVERED TO <i>Well Site</i>	ORDER NO
3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE <i>135-025 6075</i>	WELL PERMIT NO	WELL LOCATION <i>8-325-39W</i>		
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 on PT 53292 RT	124				2.99	370.74
009-308					Pump chg Bng Back	5370				1180.00	1180.00
001-016					Pump chg Prod chg	2995				1500.00	1500.00
000-417					Crow Mileage	124				1.60	198.40
018-315					Mud Flush	500				.65	325.00
030-016					5w Top Plug	1		5 1/2"		60.00	60.00
12A	825.205				Guide Shoe	1		5 1/2"		121.00	121.00
24A	815.19251				Insert Float Valve	1		5 1/2"		131.00	131.00
27	815.19315				Fill up Assy	1				69.00	69.00
40	806.60022				Centralizers -S-4	10		5 1/2"		60.00	600.00
320	806.71430				Cement Basket	1		5 1/2"		104.00	104.00

ORIGINAL

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.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X *[Signature]*

DATE SIGNED: *3-2-97* TIME SIGNED: *20:30*

A.M. P.M.

do do not require IPC (Instrument Protection). Not offered

SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN		SURVEY		AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL <i>465916</i>
TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					
BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?					FROM CONTINUATION PAGE(S) <i>1160950</i>
TYPE OF EQUALIZING SUB.	CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
TUBING SIZE	TUBING PRESSURE	WELL DEPTH	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				
TREE CONNECTION	TYPE VALVE	ARE YOU SATISFIED WITH OUR SERVICE?		<input type="checkbox"/> YES	<input type="checkbox"/> NO		
		<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE <i>16,268.66</i>

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	EMP #	HALLIBURTON APPROVAL
	X <i>[Signature]</i>	<i>John E Beecher</i>	<i>43223</i>	



HALLIBURTON

HALLIBURTON ENERGY SERVICES

TICKET CONTINUATION

ORIGINAL

TICKET No. 196279

FORM 1911 R-10

DM

CUSTOMER

OXY USA INC.

RECEIVED KANSAS 1997 JUN 23 12

WELL

Renshaw B 5

DATE

3-2-97

PAGE OF

2 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
504-043	516.00272	2			Premium Cement	170		sk		13.70	2329.00
507-281 504-282		2			Midcon Premium Plus	400		sk		17.06	6824.00
507-285	70.15250										
508-127	516.00335										
507-395	890.50077	2			HR-5 0.1% w/50 prem	5		lbs		2.90	14.50
509-406	890.50812	2			Calcium Chloride 2% w/400 midcon	8		sk		40.75	326.00
507-210	890.50071	2			Flocele 1/4# w/400 midcon	100		lbs		1.65	165.00
018-303		1			Clayfix II	3		gal		28.00	84.00
314-163		1			SSD - 21	3		gal		30.25	90.75
818-519		1			BE - 6	1		lb		70.00	70.00
313-396		1									
500-207		2			SERVICE CHARGE	CUBIC FEET		613		1.35	827.55
500-306		2			MILEAGE CHARGE	TOTAL WEIGHT	LOADED MILES	TON MILES		1.05	878.70
					55791	30		836.86			

ORIGINAL

No. B 389065

CONTINUATION TOTAL

11609.50

CUSTOMER Day Well Co.
LEASE Franklin
WELL NO. B-25
JOB TYPE Plug Rod - Log Rod Log
DATE 2-3-99

WELL DATA
FIELD East Kinsler SEC 8 TWP. 32^s RNG. 39^w COUNTY Morton 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	N	14	5 1/2'	0	2925	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>2-2-99</u>	DATE <u>2-2-99</u>	DATE <u>2-2-99</u>	DATE _____
TIME <u>14:00</u>	TIME <u>20:15</u>	TIME <u>21:00</u>	TIME _____

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT <u>Insert 7" Fill-up</u>	<u>1</u>	
GUIDE SHOE <u>Reg</u>	<u>1</u>	
CENTRALIZERS <u>S-11</u>	<u>10</u>	
BOTTOM PLUG		
TOP PLUG <u>SW</u>	<u>1</u>	
HEAD <u>KO</u>	<u>1</u>	
PACKER		
OTHER <u>Cmt Basket</u>	<u>1</u>	

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>J Becker</u>	<u>43222 PU 41285</u>	<u>Hays Ks</u>
<u>T Pannas</u>	<u>41682 Comb 53292</u>	<u>Hays Ks</u>
<u>H Patterson</u>	<u>48766 BT 4115 75237</u>	<u>Hugoton</u>
<u>S Grant</u>	<u>44639 BT 50404 6616</u>	<u>Hugoton</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 PBE 5375 - BP 3310' Cmt Prod Log
JOB DONE THRU: TO TOP CASING ANNULUS TBG/ANN.
CUSTOMER REPRESENTATIVE X
HALLIBURTON OPERATOR John E Becker COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU FT / SK.	MIXED LBS./GAL.
<u>1</u>	<u>50</u>	<u>Am</u>		<u>B</u>	<u>.19 AR-5</u>	<u>1.18</u>	<u>15.2</u>
<u>2</u>	<u>120</u>	<u>Free</u>		<u>B</u>	<u>-</u>	<u>1.18</u>	<u>15.2</u>
<u>3</u>	<u>150</u>	<u>Milton Am Plus</u>		<u>B</u>		<u>3.22</u>	<u>11.1</u>
<u>3</u>	<u>225</u>	<u>Milton Pge. Plus</u>		<u>B</u>		<u>1.84</u>	<u>13.2</u>

PRESSURES IN PSI
CIRCULATING _____ DISPLACEMENT _____
BREAKDOWN _____ MAXIMUM _____
AVERAGE _____ FRACTURE GRADIENT _____
SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN. _____
HYDRAULIC HORSEPOWER _____
ORDERED _____ AVAILABLE _____ USED _____
AVERAGE RATES IN BPM _____
TREATING _____ DISPL. _____ OVERALL _____
CEMENT LEFT IN PIPE _____
FEET 42' REASON Request

SUMMARY

VOLUMES

PRESLUSH: BBL.-GAL. _____ TYPE _____
LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. _____
CEMENT SLURRY: BBL.-GAL. (10.5)(25.2) (86+73.7)
TOTAL VOLUME: BBL.-GAL. _____

REMARKS

See Job Log & Chart
Thank you John E Becker
RECEIVED
SAS
JUN 23 10 57 AM '99

JOB LOG HAL-2013-C

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
Oxy USA Inc		B-5		Renshaw		Plug Back Cement And Log		196279	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
	14:00					DP		Called Out	
	20:15							On Loc - Rig Circ @ 5375' Spot + Set up Equip - Discuss Job Safety Meeting	
	21:15	3				200	2	Start Pump Spacer - 6 BBL - FW	
	21:17	3	4			200		Spacer in	
	21:19	3 1/2				225		Start Pump Cement - 50sk Prem 7/16" HR-5	
	21:22	3 1/2	10 1/2			100		Finish Pump Cement	
	21:23	2	2			100		Start Pump Spacer - 2 BBL - FW	
	21:24	5				0		Start Pump Displ - Mud	
	21:38	5	71			50		Finish Pump Displ 71 BBL Rig Pull DP to 3310' + Circ	
	23:17	3				200		Start Pump Spacer - 6 BBL FW	
	23:19	3	4			200		Spacer in	
	23:23	3				225		Start Pump Cement 124sk Prem	
	23:31	3	25 1/4			150		Finish Pump Cement	
	23:32	2	2			100		Start Pump Spacer - 2 BBL - FW	
	23:33	6 1/2				200		Start Pump Displ - Mud	
	23:39	6 1/2	38			200		Finish Pump Displ - 38 BBL Rig Lay Down DP - RH & MH	
	05:20							Start 5 1/2" x 14 1/4" Csg in Hole ~ 1 Guide Shoe 1 Float Valve 7 Fill-up 10 Centralizers (1-3-5-7-9-11-13-15) 1 Cmt Basket	
ORIGINAL									
	06:50							Csg in Hole - Hook up PCe Manifold	
	07:00							Brake Circ 7/8 Rig Pump + Circ for 30 min	
	07:33					100		Start Pump Mud Flush - 12 BBL	
	07:38					125		Mud Flush in - Pump 15sk RH + 10sk MH	
	07:48	4 3/4				175		Start Pump Cmt 150sk Mid Con Plus 7/28cc 1/4" Placers 225sk Mid Con Plus 7/28cc 1/4" Placers @ 13.2	
	08:13					225		Finish Pump Cmt - Release Plug & Wash out Pump	
	08:14	5 1/2				150		Start Displ	
	08:29					925		Finish Displ Cmt Old Circ 14 BBL	
	08:29					2000		Plug Landed - Float Hold Thank you John Jimmy Lowman	

RECEIVED
 MARCH 11 2000
 11:17 AM
 P. R. 17



HALLIBURTON ENERGY SERVICES

HAL-1906-P

CHARGE TO
Oxy USA

ADDRESS

CITY STATE ZIP CODE

ORIGINAL - DUNCAN COPY TICKET

No. *185419-3*

RECEIVED
1997 JUN 23
PAGE 1 OF 1

SERVICE LOCATIONS 1. <i>Liberal</i>	WELL/PROJECT NO <i>5</i>	LEASE <i>Renshaw B</i>	COUNTY/PARISH <i>Morton</i>	STATE <i>Ks</i>	CITY/OFFSHORE LOCATION	DATE <i>2-21-97</i>	OWNER <i>SAME</i>
2. <i>Hugoton</i>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <i>Beredco</i>	RIG NAME/NO <i>1</i>	SHIPPED VIA <i>Hes</i>	DELIVERED TO <i>LOC</i>	ORDER NO <i>57</i>
3.	WELL TYPE <i>02</i>	WELL CATEGORY <i>01</i>	JOB PURPOSE <i>010</i>	WELL PERMIT NO	WELL LOCATION		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
<i>000-117</i>				<i>41</i>	<i>MILEAGE</i>	<i>124</i>	<i>RT</i>				<i>299</i>	<i>37076</i>
<i>000-119</i>				<i>41</i>	<i>Crew Mileage</i>	<i>124</i>	<i>RT</i>				<i>160</i>	<i>19840</i>
<i>001-016</i>				<i>41</i>	<i>Pump Charge</i>	<i>1732</i>	<i>ET</i>	<i>6</i>	<i>hr</i>			<i>1360.00</i>
<i>12A</i>	<i>825.217</i>			<i>32</i>	<i>Guide Shoe</i>	<i>8 5/8</i>	<i>in</i>	<i>1</i>	<i>Eq</i>			<i>216.00</i>
<i>24A</i>	<i>815.19502</i>			<i>32</i>	<i>Insert float</i>	<i>8 5/8</i>	<i>in</i>	<i>1</i>	<i>Eq</i>			<i>221.00</i>
<i>27</i>	<i>815.19414</i>			<i>32</i>	<i>Fill Assy</i>			<i>1</i>	<i>Eq</i>			<i>64.00</i>
<i>41</i>	<i>806.61048</i>			<i>32</i>	<i>Centralizer</i>	<i>8 5/8</i>	<i>in</i>	<i>4</i>	<i>Eq</i>			<i>244.00</i>
<i>66</i>	<i>806.75750</i>			<i>32</i>	<i>Fas Grip</i>	<i>8 5/8</i>	<i>in</i>	<i>1</i>	<i>Eq</i>			<i>21.00</i>
<i>320</i>	<i>806.71460</i>			<i>32</i>	<i>Basket</i>	<i>11</i>		<i>1</i>	<i>Eq</i>			<i>124.00</i>
<i>350</i>	<i>890.10802</i>			<i>32</i>	<i>weld A</i>	<i>1</i>	<i>lb</i>					<i>16.75</i>
<i>0305018</i>				<i>41</i>	<i>Top Plug</i>	<i>8 5/8</i>	<i>in</i>					<i>130.00</i>

ORIGINAL

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MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

I do do not require IPC (Instrument Protection) Not offered

DATE SIGNED _____ TIME SIGNED _____ A.M. P.M.

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? _____

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?
 YES NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL	<i>2965</i>	<i>91</i>
FROM CONTINUATION PAGE(S)	<i>11339</i>	<i>95</i>
	<i>14305</i>	<i>36</i>
SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE	<i>8521</i>	<i>80</i>

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>Cal Wylie</i>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <i>X</i>	HALLIBURTON OPERATOR/ENGINEER <i>Ronald Crist 07653</i>	EMP #	HALLIBURTON APPROVAL <i>Larry Smith *</i>
-----------------------------------------------------------------	------------------------------------------------------	------------------------------------------------------------	-------	----------------------------------------------



JOB SUMMARY

HALLIBURTON DIVISION

MidContinent

HALLIBURTON LOCATION

Liberal

BILLED ON TICKET NO.

185419

WELL DATA

FIELD _____ SEC. 8 TWP. 32S RNG. 39W COUNTY Morton 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	N	24	8 7/8	HB	1732	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES		
TYPE AND SIZE	QTY.	MAKE
TYPE AND SIZE <u>8 7/8</u>		
FLOAT COLLAR <u>Insert 1/2" 1</u>		
FLOAT SHOE		
GUIDE SHOE <u>Reg</u>	<u>1</u>	
CENTRALIZERS	<u>4</u>	
BOTTOM PLUG		
TOP PLUG	<u>1</u>	
HEAD	<u>1</u>	
PACKER <u>Weld A</u>	<u>1</u>	
OTHER <u>Fos Grip</u>	<u>1</u>	

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>2-21-97</u>	DATE <u>2-21-97</u>	DATE <u>2-21-97</u>	DATE <u>2-21-97</u>
TIME <u>0500</u>	TIME <u>0830</u>	TIME <u>1246</u>	TIME <u>1312</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>R Crist</u>	<u>420045</u>	<u>Liberal</u>
<u>D 7653</u>	<u>R/U</u>	
<u>Tim Broadfoot</u>	<u>75496</u>	<u>11</u>
<u>D 4504</u>	<u>52947</u>	
<u>R Corpening</u>	<u>4037</u>	<u>Hugoton</u>
<u>H 2441</u>	<u>6612</u>	
<u>Ben DARET</u>	<u>50502</u>	<u>11</u>
<u>H 1666</u>	<u>75505</u>	

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 5001
 DESCRIPTION OF JOB 010 Surface Pipe
 JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.
 CUSTOMER REPRESENTATIVE X
 HALLIBURTON OPERATOR Ron Crist COPIES REQUESTED _____

ORIGINAL

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./5K	MIXED LBS./GAL.
	<u>430</u>	<u>Midcon C</u>		<u>B</u>	<u>3%CC, 1/2 #/sk Floccle</u>	<u>0.22</u>	<u>11.1</u>
	<u>100</u>	<u>Midcon C</u>		<u>B</u>	<u>3%CC, 1/2 #/sk Floccle</u>	<u>1.32</u>	<u>14.8</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. 107
 SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN. _____ CEMENT SLURRY: BBL.-GAL. 246.6 CC 23.5 T
 HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____
 ORDERED _____ AVAILABLE _____ USED _____
 AVERAGE RATES IN BPM _____
 TREATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 FEET 46.39 REASON Show Joint

REMARKS

Circulated 35 BBLs CMT To Pit
61 SKS

CUSTOMER OKY
 LEASE Ren Shaw
 WELL NO. 8
 JOB TYPE 5
 DATE 2-21-97

JOB LOG HAL-2013-C

CUSTOMER	WELL NO.	LEASE	JOB TYPE
Oxy	5	Reynshaw B	010

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0500							Called out
	0830							on loc Pulling Drill Pipe
	1030							Run Csg
	1146							Csg Run Hook To Circulate
	1152							Circulating To Pit
	1155							SAFETY Meeting
	1207							Hook Iron To cmt
	1211							START lead cmt @ 11.1 $\frac{1}{2}$ gal
	1242	7	246.6					0-180 Lead cmt pumped start Tail cmt 14.8
	1246							180 Tail cmt Pumped Shut Down Drop
	-							- Plug
	1248							0-230 Start Displacement
	1259	6.5	72					SHUT DOWN Ran out of water
	1302							Hook iron Back To Rig pump
	1304	5	28					Displace with rig pump counting
	-							250-300 STROKES
	1309	2.4	7					App. 300 Slow Rate
	1312							300-900 Landed Plug Pressure Gauge on Rig used
								Released Pressure & Knocked iron loose Flat Held

ORIGINAL

Thank you for calling
Halliburton Energy Services
Ron Cant & Crew

RECEIVED
KANSAS CORP
1997 JUN 23 10 12 57 AM