

CONFIDENTIAL ORIGINAL

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

API NO. 15- 175-21392-0000

County Seward
SE NW NW Sec. 28 Twp. 32 Rge. 34 X W

Operator: License # 5447

4030 Feet from (S)X (circle one) Line of Section

Name: OKY USA Inc.

4030 Feet from (S)W (circle one) Line of Section

Address P. O. Box 26100

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

City/State/Zip Oklahoma City, Ok 73126-0100

Lease Name Hitch E Well # 4

Purchaser: _____

Field Name Hugoton

Operator Contact Person: Jerry Ledlow

Producing Formation Chase

Phone (405) 749-2309

Elevation: Ground 2930 KB _____

Contractor: Name: Cheyenne

Total Depth 2990 PBDT 2936

License: 5382

Amount of Surface Pipe Set and Cemented at 617 Feet

Wellsite Geologist: _____

Multiple Stage Cementing Collar Used? Yes _____ No X

Designate Type of Completion
X New Well _____ Re-Entry _____ Workover _____

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 2962

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

feet depth to surface _____ w/ 570 sx cmt.

If Workover:

Drilling Fluid Management Plan ALT 2 12-19-94
(Data must be collected from the Reserve Pit)

Operator: _____

Chloride content 12,000 ppm Fluid volume 600 bbls

Well Name: _____

Dewatering method used Evaporation

Comp. Date _____ Old Total Depth _____

Location of fluid disposal if hauled offsite: _____

Deepening _____ Re-perf. _____ Conv. to Inj/SWD _____
Plug Back _____ PBDT _____
Commingled _____ Docket No. _____
Dual Completion _____ Docket No. _____
Other (SWD or Inj?) Docket No. _____

Operator Name RELEASED

Lease Name _____ License No. 11

4/4/94 4/6/94 Pending _____
Spud Date Date Reached TD Completion Date

Quarter 1 Sec. _____ Twp. (S)Rng

County CONFIDENTIAL Docket No. _____

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 _____

Title Staff Analyst Date 7/12/94

Subscribed and sworn to before me this 12th day of July 19 94.

Notary Public Jimmy L. Padilla

Date Commission Expires 8-21-96

K.C.C. OFFICE USE ONLY			
F	<input checked="" 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"/> NGPA
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug	<input type="checkbox"/> Other (Specify)

RECEIVED
STATE CORPORATION COMMISSION

Form ACO-1 (7-91)

JUL 14 1994

C:\DATA\WPFILES\KCCC\COMP\WC_HUG

CONSERVATION DIVISION
Wichita, Ks.

PI

SIDE TWO

Operator Name OXY USA Inc. Lease Name Hitch E Well # 4

Sec. 28 Twp. 32S Rge. 34 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 Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input 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: MSG Gamma Collar Gamma Dual Spaced Neutron	<input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample Formation (Top), Depth and Datum <table style="width:100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> <tr> <td>Hollenberg</td> <td>2594</td> <td>+ 337</td> </tr> <tr> <td>Herington</td> <td>2620</td> <td>+ 311</td> </tr> <tr> <td>Krider</td> <td>2656</td> <td>+ 275</td> </tr> <tr> <td>Winfield</td> <td>2696</td> <td>+ 235</td> </tr> <tr> <td>Towanda</td> <td>2752</td> <td>+ 179</td> </tr> <tr> <td>Ft Riley</td> <td>2806</td> <td>+ 125</td> </tr> </table>	Name	Top	Datum	Hollenberg	2594	+ 337	Herington	2620	+ 311	Krider	2656	+ 275	Winfield	2696	+ 235	Towanda	2752	+ 179	Ft Riley	2806	+ 125
Name	Top	Datum																				
Hollenberg	2594	+ 337																				
Herington	2620	+ 311																				
Krider	2656	+ 275																				
Winfield	2696	+ 235																				
Towanda	2752	+ 179																				
Ft Riley	2806	+ 125																				

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	617	c	350	2% cacl 88lbs
Production	7 3/4"	5 1/2"	14	2962	c	570	2% cacl 111lbs 143 lbs Flocele

Flocele
Halad
322

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose: <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			

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
2	2596-2600, 2624-28, 2662-66, 2700-04	Acidize w/ 3000 gal 15 % HCL
		Frac w/ 52,400 gal gel wtr.,
		146,000 # 10/20 Brady Sand

TUBING RECORD		Size <u>2 3/8</u>	Set At <u>2723</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. Pending			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 Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: **METHOD OF COMPLETION** Production Interval 2596-2704

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, submit ACO-18.) Other (Specify) _____

CONFIDENTIAL

DRILLERS LOG

OXY USA, INC.
HITCH E-4
SECTION 28-T32S-R34W
SEWARD COUNTY, KANSAS

ORIGINAL

COMMENCED: 04-04-94
COMPLETED: 04-07-94

SURFACE CASING: 618' OF 8 5/8"
CMTD W/200 SX PREM PLUS LITE, 2% C.C.,
1/4#/SX FLO-CELE; TAILED IN W/
150 SX PREM PLUS, 2% C.C., 1/4#/SX FLO-CELE

FORMATION	DEPTH
SURFACE HOLE	0- 620
RED BED	620-1200
GLORIETTA SAND	1200-1360
RED BED & ANHYDRITE	1360-1680
RED BED	1680-2055
SHALE	2055-2565
CHASE	2565-2990

RELEASED
AUG 1 3 1995

FROM CONFIDENTIAL

RTD

JUL 1 1995
CONFIDENTIAL

I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CHEYENNE DRILLING, INC.

Wray Valentine
WRAY VALENTINE

STATE OF KANSAS : ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 8TH DAY OF APRIL, 1994.

BECKY J. WHETSTONE
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 4/29/95

Becky J. Whetstone
BECKY J. WHETSTONE, NOTARY PUBLIC

JOB LOG FORM 2013 R-4

 DATE 4-6-94 PAGE NO. 1

 CUSTOMER Oxy U.S.A WELL NO. E-4 LEASE HITCH JOB TYPE 5 1/2' LONG STRING TICKET NO. 677014

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1630							JOB READY
	1700							CALLED OUT FOR JOB
	1530							PUMP TRUCK ON LOCATION RIG STILL DRILLING
								SET UP PUMP TRUCK
	1615							RIG THROUGH DRILLING 2990' OF 7 7/8 HOLE ON BOTTOM CIRCULATING
	1730							START LAYING DOWN DRILL PIPE
	1930							D. PLAYED DOWN, RIG UP TO RUN 5 1/2 CSG
	2000							START RUNNING 5 1/2 CSG & FRONT EQUIP
	2136							CASING ON BOTTOM 2990'
	2140							HOOK UP P/C & CIRCULATING IRON
								START CIRCULATING WITH RT PUMP THROUGH CIRCULATING
								HOOK UP TO PUMP TRUCK
	2212	6.0	198.0					START MIXING LEAD CEMENT
	2232	6.0	152.0			2.50		START MIXING TAIL CEMENT
	2240		180.0					THROUGH MIXING CEMENT
								SHUT DOWN
								WASH UP PUMP TRUCK
								RELEASE PLUG
	2245	6.0				275'		START DISPENSING
								HAVE 50 BBL'S DISPLACED GETTING CMT RETURNS TO SURFACE
	2300		720			1500		PLUG DOWN
								RELEASE FLT
								PLUG HELD
								CIRCULATED (60 SACS)
								THANK YOU!
								WOODY TIGHT & CREW

ORIGINAL



CHARGE TO: 2XY USA
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

TICKET No. 677038 - X
 PAGE 1 OF 2

FORM 1906 R-13

SERVICE LOCATIONS 1. <u>Liberal 025540</u> 2. <u>Hugoton 025535</u> 3. 4.	WELL/PROJECT NO. <u>E-4</u>	LEASE <u>Hitch</u>	COUNTY/PARISH <u>Seward</u>	STATE <u>Ks</u>	CITY/OFFSHORE LOCATION	DATE <u>4-4-94</u>	OWNER <u>Dig USA</u>
TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <u>Chevron</u>	RIG NAME/NO. <u>5</u>	SHIPPED VIA <u>Co. Trk</u>	DELIVERED TO <u>loc</u>	ORDER NO.	
WELL TYPE <u>02</u>	WELL CATEGORY <u>01</u>	JOB PURPOSE <u>010</u>	WELL PERMIT NO.	WELL LOCATION <u>28-325-344</u>			
REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT.	DF							
000-119		1			MILEAGE	50	m			2.75	137.50
001-016		1			Pump charge	617	H				825.00
030-016		1			Top Rubber Plug	1	EA		87%		120.00
24A	R15-19502	1		30	Insert fill valve	1	EA		87%		171.00
27	R15-19415	1		30	Auto Fill up Assy	1	EA		87%		55.00
40	806-60059	1		30	Centralizers	3	EA		87%	72.00	216.00
350	890-10802	1		30	weld-A	1	lb				14.50

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.

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE <u>X Tom Harmel</u>	DATE SIGNED	TIME SIGNED <input type="checkbox"/> A.M. <input type="checkbox"/> P.M.	TUBING SIZE	TUBING PRESSURE	WELL DEPTH	SURVEY <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN 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 <input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND	SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN	TYPE LOCK DEPTH BEAN SIZE SPACERS TYPE OF EQUALIZING SUB. CASING PRESSURE TREE CONNECTION TYPE VALVE	AGREE UN-DECIDED DIS-AGREE	PAGE TOTAL FROM CONTINUATION PAGE(S) SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE	1539.00 4462.83 6001.83
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do do not require IPC (Instrument Protection). Not offered

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>Tom Harmel</u>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <u>X Tom Harmel</u>	HALLIBURTON OPERATOR/ENGINEER <u>Keith Boone</u>	EMP # <u>47841</u>	HALLIBURTON APPROVAL <u>740 3872 FE-3076</u>
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TICKET CONTINUATION

ORIGINAL

TICKET No. 677038

HALLIBURTON ENERGY SERVICES

FORM 1911 R-9

CUSTOMER OXY USA

WELL Hitch ~~B-1~~ ^{E-4}

DATE 04-04-94

PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT		
		LOC	ACCT	DF									
504-050	516.00265				Premium Plsu Cement	150	sk			9.95	1494.00		
504-120					Halliburton Light Cement	200	sk			8.75	1750.00		
504-050	516.00265												
506-105	516.00286												
506-121	516.00259												
507-210	890.50071				Flocele 1/2#W/ -350	88	lb			1.40	123.20		
509-406	890.50812				Calcium Chloride 2%W/ 350	7	sk			28.25	197.75		
500-207					SERVICE CHARGE				CUBIC FEET	370	1.35	499.50	
500-306					MILEAGE CHARGE	TOTAL WEIGHT	33548	LOADED MILES	25	TON MILES	419.35	.95	398.38

ORIGINAL

TICKET CONTINUATION

CONTINUATION TOTAL 4462.83



Wichita, Kansas
 RECEIVED
 NOISSIIMWOC
 SUMMARY
 1991 JUL 14 11:30 AM

HALLIBURTON DIVISION
 HALLIBURTON LOCATION

Mid-Continent
 Liberal

BILLED ON TICKET NO. 6277038

FIELD _____ SEC. 28 TWP. 32 S RNG. 34 W COUNTY. SEWARD STATE. KANSAS

FORMATION NAME _____
 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	0	617	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 4-4-94	DATE 4-4-94	DATE 4-4-94	DATE 4-5-94
TIME 17:00	TIME 19:30	TIME 23:30	TIME 00:05

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS 5-4 8 7/8	3	Hallib.
BOTTOM PLUG		
TOP PLUG 5-4 8 7/8	1	"
HEAD		
PACKER		
OTHER 1 used fit	1	"

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
K. Boone	47841	40076 Liberal
N. Tate	E0568	58823 "
M. Howe	F7343	52822 Hyoton
		75817

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 cement 617' of 8 7/8 casing

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

CUSTOMER REPRESENTATIVE X Tom Harmon

HALLIBURTON OPERATOR K. Boone COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	200	PT How		B	2 3/8 Cncl, 1/4 # Flocc	2.06	12.3
	150	PT		B	2 3/8 Cncl, 1/4 # Flocc	1.32	14.8

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL. 60/10 TYPE fw
 BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 36.5
 SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY: BBL.-GAL. 73-35
 HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____

ORDERED _____ AVAILABLE _____ USED _____
 AVERAGE RATES IN BPM _____

REMARKS

OK 25 SK

TREATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____

FEET 42 REASON shoe joint

ORIGINAL

CUSTOMER Oxy USA
 LEASE Hitch
 WELL NO. F-1
 JOB TYPE 8 7/8 Seward
 DATE 4-4-94

CUSTOMER Oxy USA	WELL NO. E-4	LEASE Hitch	JOB TYPE 8 7/8 Sphered	TICKET NO. 677038
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CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	19:30							on loc
								Safety Meeting
	23:30	5	10				150	Pump flow
	23:32	5	73				150	mix Lead cement
	23:44	5	55				150	mix Tail cement
	23:57							Release plug
	23:52							start Displacement
	00:05	5	36.5				200	plug down
	00:06							ok fit OK
								OK 25 SK

ORIGINAL



HALLIBURTON ENERGY SERVICES

FORM 1906 R-13

CHARGE TO:
OXY USA
 ADDRESS
 CITY, STATE, ZIP CODE

ORIGINAL

TICKET

No. 677014 - 8

PAGE 1 OF 2

SERVICE LOCATIONS 1. Libera 025540 2. Hugoton 025535	WELL/PROJECT NO. F-4	LEASE Hitch	COUNTY/PARISH Seward	STATE KS.	CITY/OFFSHORE LOCATION	DATE 4-6-94	OWNER OXY-USA
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. Cheyenne #5	SHIPPED VIA HONCO	DELIVERED TO Location	ORDER NO.	
WELL TYPE 02	WELL CATEGORY 01	JOB PURPOSE 035	WELL PERMIT NO.	WELL LOCATION			
REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			U/M				
000-017		1			MILEAGE	82	mi	2	Eq	2.75	231.00
001-016		1			PUMP charge	2990	ft	6	HR	1345.00	1345.00
630-016		1			TOP PLUG	1	Eq	5 1/2"		60.00	60.00
12A	825.205	1		30	guide shoe	1	Eq	5 1/2"		121.00	121.00
24A	815.19251	1		30	Insert	1	Eq	5 1/2"		110.00	110.00
27	815.19311	1		30	Fill up	1	Eq	5 1/2"		55.00	55.00
40	806.60022	1		30	centralizer	5	Eq	5 1/2"		44.00	220.00
350	890.10802	1		30	Weld A	1	Eq			14.50	14.50
313.394	516.00493	1			BE-5	6	lb			40.00	240.00
218.738		1			ClayFix JE	6	gal			24.00	144.00

ORIGINAL

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CUSTOMER OR CUSTOMER'S AGENT SIGNATURE: **X Tom Harmon**

DATE SIGNED: _____ TIME SIGNED: _____ 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 2540 50
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	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				SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE 10354 35
	<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) Tom Harmon	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) X Tom Harmon	HALLIBURTON OPERATOR/ENGINEER John Woodhew	EMP # 62523	HALLIBURTON APPROVAL HP 3870 FE-3070
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HALLIBURTON

TICKET CONTINUATION

ORIGINAL

51

TICKET No. 677014

HALLIBURTON ENERGY SERVICES

FORM 1911 R-9

CUSTOMER Oxy USA	WELL Hitch	DATE 4-6-96	PAGE 2	OF 2
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PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE	AMOUNT	
		LOG	ACCT	DF		U/M	U/M			
504-120					Halliburton Light Cement	350	sk	8.75	3062.50	
504-050	516.00265									
506-105	516.00286									
506-121	516.00259									
					220 cu. ft. 50/50 Pozmix					
504-050	516.00265				Premium Plus Cement	110	sk	9.96	1095.60	
506-105	516.00286				Pozmix A	8140	lb	0.67	5453.8	
506-121	516.00259				Halliburton Gel 2%	4	sk		NC	
507-210	890.50071				Flocele 1/4#/570sk	143	lb	1.40	200.20	
509-406	890.50812				Calcium Chloride 2%/570sk	10	sk	28.25	282.50	
507-775	516.00144				Halad-322 6/10%/220sk	111	lb	7.00	777.00	
500-207					SERVICE CHARGE		CUBIC FEET	600	1.35	810.00
500-306					MILEAGE CHARGE	TOTAL WEIGHT 52,164	LOADED MILES 42	TON MILES 1.095.44	.95	1040.67

ORIGINAL

CONTINUATION TOTAL 7813.85



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

Mid CONTINENT

BILLED ON TICKET NO. 677014

WELL DATA

FIELD _____ SEC 28 TWP. 34S RNG. 38W 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	N	14'	5 1/2	KB	2996	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 4-6-94	DATE 4-6-94	DATE 4-6-94	DATE 4-6-94
TIME 1200	TIME 1530	TIME 2212	TIME 2360

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE <u>REG 5 1/2</u>	<u>1</u>	<u>HOWCO</u>
CENTRALIZERS <u>S-4 5 1/2</u>	<u>5</u>	<u>"</u>
BOTTOM PLUG		
TOP PLUG <u>S-6 5 1/2</u>	<u>1</u>	<u>"</u>
HEAD		
PACKER		
OTHER <u>A.F.F. 5 1/2</u>	<u>1</u>	<u>"</u>

MATERIALS

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. _____ IN
 PERFPAC BALLS TYPE _____ QTY. _____

NAME	UNIT NO. & TYPE	LOCATION
J. WOODROW 62573	4004B	LIBERAL KS
T. DAVIS F4550	5276/100 176800	"
R. MARTINEZ G2731	4673/BULK 17420	MUSKOGEE KS
G. CORNELSON G2569	52920/BULK 15303	"

DEPARTMENT CEMENT
 DESCRIPTION OF JOB CEMENT ST. PRODUCTION CASING
 JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE X Tom Z...
 HALLIBURTON OPERATOR Jed Woodrow
 COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	350	PREMIUM LITE	Howco	A	28 CC, 1/4" FLOCC	2.06	12.3
	220	PREMIUM 5% paper	"	B	28 CC, 1/4" FLOCC .68 HALLID-322	1.35	13.8

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____
 BREAKDOWN _____ MAXIMUM _____
 AVERAGE _____ FRACTURE GRADIENT _____
 SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____
 ORDERED _____ AVAILABLE _____ USED _____
 TREATING _____ DISPL. _____ OVERALL _____
 FEET 43 REASON INSERT FLOAT

PRESLUSH: BBL.-GAL. _____ TYPE _____
 LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 TREATMENT: BBL.-GAL. _____ DISPL.: BBL.-GAL. 720
 CEMENT SLURRY: BBL.-GAL. 128.4 CC
 TOTAL VOLUME (BBL.-GAL.) 52.8 TC
 REMARKS 181.8
DISPLACE WITH CU. MIXT WATER

ORIGINAL

CUSTOMER Oxy U.S.A. LEASE HITCH WELL NO. E-4 JOB TYPE 5 1/2 BUC STRING DATE 4-6-94