

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

API NO. 15-175-21533-000 ORIGINAL

County Seward  
SE - NW - NW Sec. 31 Twp. 32S Rge. 34 X E

Operator: License # 5447

Name: OXY USA Inc.

Address P. O. Box 300

City/State/Zip Tulsa, OK 74102-0300

Purchaser: PEPL

Operator Contact Persons: Raymond Hui

Phone ( 918 ) 561-3548

Contractor: Name: Cheyenne Drilling Co.

License: 5382

Wellsite Geologist: None on site

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. \_\_\_\_\_

4-10-96 4-12-96 4-25-96  
Spud Date Date Reached TD Completion Date

1250 FNL Feet from SE (circle one) Line of Section

1250 FWL Feet from SE (circle one) Line of Section

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

Lease Name Hitch J Well # 3

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 2927' KB 2940'

Total Depth 2865 PBTB \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 601 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  
(Data must be collected from the Reserve Pit)

Chloride content 1800 ppm Fluid volume 2500 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name 10-3-1999

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, 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 7-8-96

Subscribed and sworn to before me this 8th day of July, 1996.

Notary Public Karen Anne Bell

Date Commission Expires 9-22-97

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 OXY USA Inc. Lease Name Hitch J Well # 3

Sec. 31 Twp. 32S Rge. 34 County Seward

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  Yes  No  
(Attach Additional Sheets.)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
(Submit Copy.)

List All E.Logs Run: Ran Dual Spaced Neutron Gamma Collar Log

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Name	Top	Datum
Hollenberg	2600	340
Herrington	2632	308
Krider	2654	286
Winfield	2706	234
Towanda	2754	186

CASING RECORD <input 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	601	Midcon	230	3% cc
Production	7 7/8"	5 1/2"	14	2844	Midcon	400	1/2# sx Flo

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				

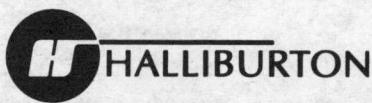
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	2600-2604; 2634-2636; 2656-2660;	Acidized w/1800 gal 7 1/2 %HCL	
	2676-2680; 2710-2714	Frac'd w/ 415000 gal	
		25 ppg Borate gel	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 3/8"	2781'		
Date of First, Resumed Production, SWD or Inj. Pump Testing	Producing Method <input type="checkbox"/> Flowing <input checked="" 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
		189		

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: \_\_\_\_\_



JOB LOG HAL-2013-C

DATE 4-14-96 PAGE NO.

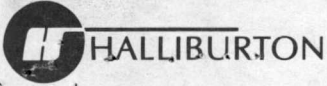
CUSTOMER OXY WELL NO. LEASE JOB TYPE 035 TICKET NO. 921495

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0140							Called out ORIGINAL
	0330							On loc Laying down Pipe
	0730							Start CSY
	0858							CSY Run Hook To Circulate
	0907							Circ Tap IT
	0915							SAFETY meeting
	0925							Hook To Cmt
	0928							Pressure Test 2400
	0932	1.5	10					Pump Spacer and flush
	0940	1	7					Plug Rat a mouse Hole
	0950							0-250 Pump Lead Cmt
	1015	6	172					250 Lead Cmt Pumped Start Tail
	1023		327					0 Tail Cmt Pumped Shut Down
								Drop Plug
	1025							0-110 Start Displacement
	1034	6	58					Slow Rate
	1040							Bump Plug
								Thank you For calling Halliburton Energy Serv

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SEP 03 1996

CONSERVATION DIVISION WICHITA, KS



# JOB SUMMARY

HALLIBURTON DIVISION MidContinent  
 HALLIBURTON LOCATION Liberal

BILLED ON TICKET NO. 921 495

## WELL DATA

FIELD \_\_\_\_\_ SEC. 31 TWP. 32S RNG. 34W COUNTY Seward STATE Ks

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
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 _____							

## JOB DATA

### TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
Float Collar <u>Insert w/ fill 5 1/2</u>	<u>1</u>	
Float Shoe		
Guide Shoe <u>Reg</u>	<u>1</u>	
Centralizers <u>S-500</u>	<u>10</u>	
Bottom Plug		
Top Plug <u>S Wiper</u>	<u>1</u>	
Head		
Packer		
Other <u>Basket</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. _____	IN _____
PERFPAC BALLS TYPE _____	QTY. _____	
OTHER _____		
OTHER _____		

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>4-14-96</u>	DATE <u>4-14-96</u>	DATE <u>4-14-96</u>	DATE <u>4-14-96</u>
TIME <u>0140</u>	TIME <u>0330</u>	TIME <u>0900</u>	TIME <u>1040</u>

### PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>RCrist</u>	<u>420045</u>	<u>Liberal</u>
<u>07653</u>		
<u>G Carnation</u>	<u>52947</u>	
<u>62569</u>	<u>75496</u>	
<u>Dennis Corpening</u>	<u>4037</u>	<u>Hugoton</u>
<u>H 2491</u>	<u>6610</u>	
<u>Dallas Corpening</u>	<u>4115</u>	
<u>G-2728</u>	<u>75237</u>	

DEPARTMENT 5001  
 DESCRIPTION OF JOB 035

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

CUSTOMER REPRESENTATIVE **X**

HALLIBURTON OPERATOR Ron Crist COPIES REQUESTED \_\_\_\_\_

## CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIONS	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>300</u>	<u>MidCon</u>		<u>B</u>	<u>2%CC 1/4" Flt</u>		
	<u>100</u>	<u>"</u>		<u>B</u>	<u>2%CC 1/4" Flt</u>		

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CONSERVATION DIVISION  
 WICHITA, KS

### PRESSURES IN PSI

### SUMMARY

### VOLUMES

CIRCULATING _____	DISPLACEMENT _____	PRESLUSH: BBL.-GAL. <u>420</u>	TYPE <u>Mud Flush</u>
BREAKDOWN _____	MAXIMUM _____	LOAD & BKDN: BBL.-GAL. _____	PAD: BBL.-GAL. _____
AVERAGE _____	FRACTURE GRADIENT _____	TREATMENT: BBL.-GAL. _____	DISPL: BBL.-GAL. <u>6816</u>
SHUT-IN: INSTANT _____	5-MIN _____ 15-MIN _____	CEMENT SLURRY: BBL.-GAL. <u>172 CC 23.5 TC</u>	TOTAL VOLUME: BBL.-GAL. _____

### HYDRAULIC HORSEPOWER

### REMARKS

ORDERED _____	AVAILABLE _____	USED _____
AVERAGE RATES IN BPM _____		
TREATING _____	DISPL. _____	OVERALL _____
CEMENT LEFT IN PIPE _____		
FEET <u>42</u>	REASON <u>Shoe</u>	

Circulated 15 RBIs = 26 Sks

CUSTOMER OXY  
 LEASE HITEK  
 WELL NO. 0-3  
 JOB TYPE 035  
 DATE 4-14-96



CUSTOMER Oxy USA  
LEASE  
WELL NO. J-3  
JOB TYPE 8 1/2" SURFACE  
DATE 4-11-96

WELL DATA

SEC 31 TWP 32S RNG. 3441 COUNTY STURGIS STATE KS

FORMATION NAME Red Bed 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 618

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>U</u>	<u>28'</u>	<u>8 1/8"</u>	<u>KB</u>	<u>613</u>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLLED OUT DATE	ON LOCATION DATE	JOB STARTED DATE	JOB COMPLETED DATE
<u>4-11-96</u>	<u>4-11-96</u>	<u>4-12-96</u>	<u>4-12-96</u>
TIME <u>2200</u>	TIME <u>2230</u>	TIME <u>0113</u>	TIME <u>0200</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		<u>H</u>
GUIDE SHOE		
CENTRALIZERS	<u>3</u>	<u>O</u>
BOTTOM PLUG		
TOP PLUG <u>3'-WIPER</u>	<u>1</u>	<u>W</u>
HEAD <u>P/C</u>	<u>1</u>	
PACKER <u>C</u>		
OTHER <u>BAFFLE PLATE</u>	<u>1</u>	<u>O</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>M. NOLSEN</u>	<u>PIU</u>	<u>ORNEAR</u>
<u>62275</u>	<u>38242</u>	<u>OKLAHOMA</u>
<u>J. WOODRICK</u>	<u>62573</u>	<u>LIBERAL</u>
	<u>R.C.M.</u>	<u>KANSAS</u>
<u>C. LAY</u>	<u>09254</u>	<u>HAGSTON</u>
	<u>BULK</u>	<u>KANSAS</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 CEMENT

DESCRIPTION OF JOB CEMENT 8 1/2" SURFACE CASING

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

CUSTOMER REPRESENTATIVE X DeWay Robinson

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>136</u>	<u>ppmdcon3</u>	<u>UNICO</u>	<u>B</u>	<u>3% CC 1/4 FLOCCLE</u>	<u>3.22</u>	<u>11.1</u>
	<u>100</u>	<u>PD</u>		<u>B</u>	<u>3% CC 1/4 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. \_\_\_\_\_ DISP: BBL.-GAL. 35.7

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN \_\_\_\_\_ CEMENT SLURRY BBL.-GAL. 74.5 LC

HYDRAULIC HORSEPOWER \_\_\_\_\_ TOTAL VOLUME: BBL.-GAL. 23.5 TC

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_ 98 REMARKS

AVERAGE RATES IN BPM \_\_\_\_\_

TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_

CEMENT LEFT IN PIPE \_\_\_\_\_

FEET 40 REASON SHOE JOINT

SEC JOB LOG

SEP 03 1996

CONSERVATION DIVISION  
WICHITA, KS



WELL NO. <b>OXY</b>	LEASE <b>HECH J-3</b>	JOB TYPE <b>HITCH</b>	TICKET NO. <b>8 3/4 surface</b>
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CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2000							CALL OUT
	2230							ON LOCATION
	<del>2235</del>							
	2235							SAFETY MEETING
	2345							HOOK UP
	2350							CIRCULATE HOLE
	0113	7.0	62.5				200	MIX 130 SACKS MIDCON 2 <sup>W</sup> 1/32 CC-1/2" FLOCCER 11.1 <sup>W</sup> gal - 322 <sup>W</sup> gal - 20.17 <sup>W</sup> gal
	0125	7.0	15.00				200	MIX 100 SACKS PROM PLUS <sup>W</sup> 2% C.C. - 1/4" FLOCCER 14.8 <sup>W</sup> gal - 132 <sup>W</sup> gal - 68 <sup>W</sup> gal
	0131							DROP PLUG
	0132	4.5	35.75					REPLACE PLUG
	0141						700	BUMP PLUG
								5
								CIRCULATE 30 SACKS CEMENT TO PIT
								5
								5
								5
								5
								5

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THANK YOU!  
MERN & WOODY