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KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM

KCC WICHITA

Form ACO-1  
September 1999

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form Must Be Typed

CORRECTED 11/25/02

ORIGINAL

Operator: License # 5447  
Name: OXY USA, Inc.  
Address: P.O. Box 2528  
City/State/Zip: Liberal, KS 67905  
Purchaser: CIG  
Operator Contact Person: Vicki Carder  
Phone: (316) 629-4242

Contractor Name: Key Energy

License: 32393

Wellsite Geologist: NA

Designate Type of Completion:

New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl, Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:

Operator: OXY USA, Inc.

Well Name: HENTSCHEL A-1

Original Comp. Date: 10/24/53 Original Total Depth: 3315

Deepening  Re-perf.  Conv. To Enhr./SWD

Plug Back 2919' Plug Back Total Depth

Commingled Docket No. \_\_\_\_\_

Dual Completion Docket No. \_\_\_\_\_

Other (SWD or Enhr.?) Docket No. \_\_\_\_\_

11/14/00 11/14/00 12/09/00

Date of START Date Reached TD Completion Date of

OF WORKOVER WORKOVER

API No. 15 - 129-10275-0001

County: MORTON

- NW - NW - SE Sec 22 Twp. 33 S. R. 42W

2310 feet from (S) N (circle one) Line of Section

2310 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE (SE) NW SW

Lease Name: HENTSCHEL A Well #: 1

Field Name: GREENWOOD

Producing Formation: TOPEKA

Elevation: Ground: 3501 Kelly Bushing: 3511

Total Depth: 3315 Plug Back Total Depth: 3277

Amount of Surface Pipe Set and Cemented at 600 feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan REWORK JFH 12/13/02

(Data must be collected from the Reserve Pit)

Chloride content NA ppm Fluid volume NA bbls

Dewatering method used NA

Location of fluid disposal if hauled offsite:

Operator Name: NA

Lease Name: NA License No.: NA

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

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 6702, 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 of 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: Vicki Carder

Title: CAPITAL PROJECTS Date November 23, 2002

Subscribed and sworn o before me this 23rd day of November

2002

Notary Public: [Signature]

Date Commission Expires: \_\_\_\_\_

NOTARY PUBLIC, State of Kansas  
Seward County  
HELEN M. SMITH  
My Appt. Exp. 12-5-2002

KCC Office Use Only

Letter of Confidentiality Attached

If Denied, Yes  Date: \_\_\_\_\_

Wireline Log Received

Geologist Report Received

UIC Distribution

Side Two

Operator Name: OXY USA, Inc. Lease Name: HENTSCHELA Well #: 1

Sec. 22 Twp. 33 S. R. 42W  East  West County: MORTON

Instructions: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				
*Gamma Correlation	<input checked="" type="checkbox"/>			

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
Conductor					C		
Surface	12 1/4	8 5/8		600'	C	300	4% GEL, 1/4# FLOCELE
Production	7 7/8	5 1/2	14	3313'	C	450	4% GEL., 1/4# 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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	2924-40, 2948-56, 2962-70, 2982-92, 3010-14,		
	3054-82, 3086-92, 3128-32, 3136-42, 3146-54,		
	3182-96, 3205-28, 3232-38, 3244-52 CIBP @ 2919		
2	2687-93, 2698-2702, 2705-08, 2724-32, 2755-62	2500 GALS 17% HCL, 2500 GALS 17% HCL	
	2800-07, 2896-2902		

TUBING RECORD	Size 2 3/8	Set At 2890	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. *12/12/2000	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil BBLs <b>NONE</b>	Gas Mcf 595	Water Bbls 72	Gas-Oil Ratio NA	Gravity NA
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Disposition of Gas  Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

METHOD OF COMPLETION

Production Interval **2687'-2902' OA**

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
**WELL COMPLETION FORM**

Form ACO-1

September 1999

Form Must Be Typed

WELL HISTORY - DESCRIPTION OF WELL & LEASE

**ORIGINAL**

Operator: License # 5447  
Name: OXY USA, Inc.  
Address: P.O. Box 2528  
City/State/Zip: Liberal, KS 67905  
Purchaser: CIG  
Operator Contact Person: Vicki Carder  
Phone: (316) 629-4242  
Contractor: Name: KEY ENERGY SERVICES  
License: 32393  
Wellsite Geologist: NA  
Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl, Cathodic, etc)  
If Workover/Re-entry: Old Well Info as follows:  
Operator: OXY USA, Inc.  
Well Name: HENTSCHEL A-1

API No. 15 - 129-10275-0001  
County: MORTON  
- NW - NW - SE Sec 22 Twp. 33 S. R. 42W  
2310 feet from (S) N (circle one) Line of Section  
2310 feet from (E) W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE (SE) NW SW  
Lease Name: HENTSCHELA Well #: 1  
Field Name: GREENWOOD  
Producing Formation: TOPEKA  
Elevation: Ground: 3501 Kelly Bushing: 3511  
Total Depth: 3315 Plug Back Total Depth: 3277  
Amount of Surface Pipe Set and Cemented at 600 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Original Comp. Date: 10/24/53 Original Total Depth: 3315  
 Deepening  Re-perf.  Conv. To Enhr./SWD  
 Plug Back 2919' Plug Back Total Depth  
 Commingled Docket No. \_\_\_\_\_  
 Dual Completion Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No. \_\_\_\_\_  
11/14/00 11/14/00 12/09/00  
~~11/14/00~~ Date of **START** Date Reached TD Completion Date  
**OF WORKOVER** **WORKOVER**

Drilling Fluid Management Plan **REWORK JH 12/13/02**  
(Data must be collected from the Reserve Pit)  
Chloride content NA ppm Fluid volume NA bbls  
Dewatering method used NA  
Location of fluid disposal if hauled offsite:  
Operator Name: NA  
Lease Name: NA License No.: NA  
Quarter 1 Sec. 22 Twp. 33 S. R. 42W  East  West  
County: MORTON 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 6702, 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 of 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: Vicki Carder  
Title: CAPITAL PROJECTS Date January 16, 2001  
Subscribed and sworn o before me this 16<sup>th</sup> day of January  
20 01  
Notary Public: Anita Peterson  
Date Commission Expires: Oct. 1, 2001

**KCC Office Use Only**

Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_

Wireline Log Received

Geologist Report Received

UIC Distribution

NOTARY PUBLIC, State of Kansas  
ANITA PETERSON  
My Appt. Exp. Oct 1, 2001

Operator Name: OXY USA, Inc. Lease Name: HENTSCHELA Well #: 1

Sec. 22 Twp. 33 S, R. 42W  East  West County: MORTON

**Instructions:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run: <u>GAMMA RAY/CCL</u>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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
Conductor					C		
Surface	12 1/4	8 5/8		600'	C	300	4% GEL, 1/4# FLOCELE
Production	7 7/8	5 1/2	14	3313'	C	450	4% GEL, 1/4# FLOCELE

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing	-			
___ Plug Back TD				
___ Plug off Zone	-			

Shots Per Foot	PERFORATION RECORD – Bridge Plugs Set/type	Acid, Fracture, Shot, Cement Squeeze Record	Depth
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	
	2924-40, 2948-56, 2962-70, 2982-92, 3010-14,		
	3054-82, 3086-92, 3128-32, 3136-42, 3146-54,		
	3182-96, 3205-28, 3232-38, 3244-52 CIBP @ 2919		
2	2687-93, 2698-2702, 2705-08, 2724-32, 2755-62	2500 GALS 17% HCL, 2500 GALS 17% HCL	
	2800-07, 2896-2902		

TUBING RECORD	Size 2 3/8	Set At 2890	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. <u>December 12, 2000</u>	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil BBLS <u>NONE</u>	Gas Mcf 595	Water BBls 72	Gas-Oil Ratio NA	Gravity NA
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Disposition of Gas  Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled 2687'-2902' OA  
 (If vented, Submit ACO-18)  Other (Specify) \_\_\_\_\_