

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

API NO. 15-175-207280001 ORIGINAL

County Seward  
C - NW - NW - NW Sec. 35 Twp. 32S Rge. 34 X E W

660 FNL Feet from X (circle one) Line of Section  
660 FWL Feet from X (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)  
(FORMERLY FEDERAL LAND BANK #1)  
Lease Name Boyer C Well # 4

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 2892 KB

Total Depth 2840 PBDT

Amount of Surface Pipe Set and Cemented at 580 Feet

Multiple Stage Cementing Collar Used? Yes X No

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

If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan REENTRY 8/7 11-19-96  
(Data must be collected from the Reserve Pit) act 1

Chloride content 1200 ppm Fluid volume 2800 bbls

seawater method used Evaporation

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

Operator Name 10-4-97

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

Operator: License # 5447

Name: OXY USA Inc.

Address P. O. Box 300

City/State/Zip Tulsa, OK 74102-0300

Purchaser: PEPL

Operator Contact Person: Raymond Hui

Phone (918) 561-3548

Contractor: Name: Cheyenne Drilling Co.

License: 5382

Wellsite Geologist: None on site

Designate Type of Completion  
\_\_\_\_\_ New Well XXX Re-Entry \_\_\_\_\_ Workover

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

If Workover:  
Operator: Petroleum Inc.

Well Name: #1 Federal Land Bank

Comp. Date 12/83 Old Total Depth 6410

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

4-10-96 4-10-96 5-2-96  
REENTRY Date OF 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 7-18-96

Subscribed and sworn to before me this 18th day of July, 1996.

Notary Public Karen Anne Wells

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 Boyer C Well # 4

Sec. 35 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  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 Case Hole Log.

Log Formation (Top), Depth and Datums  Sample

Name	Top	Datum
Hollenberg	2577	328
Herington	2604	301
Krider	2636	269
Winfield	2686	219
Towanda	2732	173
Ft. Riley	2788	117

**CASING RECORD**  New  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	1635'	CL A	750 sx	3% cc
Production	7 7/8"	5 1/2"	14	2849	CL A	300	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				

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	2580-2584; 2608-2610; 2642-2646;	Acidized w/1600 gal 7 1/2% HCL	
	2656-2658; 2690-2694	Frac'd w/31000 gal Borate	
		gel	

**TUBING RECORD** Size 2 3/8" Set At 2780' Packer At \_\_\_\_\_  
 Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. Pump Testing 6-19-96 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		125			

Disposition of Gas: **METHOD OF COMPLETION**  Vented  Sold  Used on Lease (If vented, submit ACO-18.) **Production Interval**  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

**JOB LOG** HAL-2013-C
 CUSTOMER Oxy USA WELL NO. G4 LEASE Boyer JOB TYPE 5 1/2 Prod St TICKET NO. 921520

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0400							Time Collected
	0630							Time on loc. By Day Done DP
	0800							Time Ready
	0945							Start Pumping Casing
	1000							Casing in Hole
	1000							Hook up To Circulate Casing
	1008							Circulate Casing w/ Big Pump
	1010							Circulate Mud To Ground Level
	1115		7.5 BBL					Cent Pit + Mouse Hole 4 BBL / 35 BBL
	1128							Hook up To Pump Truck
	1132	5						200 Start Mud Flush Ahead
	1135	6.3	10 BBL					225 Start Mixing Cement
	1150		126.16					175 Start Tnk Cement
	1156		32.77					150 Final Mixing Cement
	1157		158.93					1506 Shut Down wash Pump lines Drop Pig
	1200	6						75 Start Displacement
	1215	4.5 A, 19.1 A						1400 / 1400 Pig Down Float Held Did Not Circ Cent To Pit Circulate Fluid Thru out logs

Thanks For Calling Halliburton Energy  
Doree + Coover

RECEIVED  
HALLIBURTON  
CORP  
OCT - 4 P 12:07

**WELL DATA**

FIELD \_\_\_\_\_ SEC. *35* TWP. *32<sup>S</sup>* RNG. *34<sup>W</sup>* 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		<i>14</i>	<i>5 1/2</i>	<i>KB</i>	<i>2860</i>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

**JOB DATA**

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <i>4-16</i>	DATE <i>4-16</i>	DATE	DATE
TIME <i>0400</i>	TIME <i>0630</i>	TIME <i>1100</i>	TIME <i>1215</i>

**TOOLS AND ACCESSORIES**

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <i>Insert Float</i>	<i>1</i>	<i>Houco</i>
FLOAT SHOE <i>Fillup</i>	<i>1</i>	
GUIDE SHOE	<i>1</i>	
CENTRALIZERS	<i>10</i>	
BOTTOM PLUG		
TOP PLUG	<i>1</i>	
HEAD	<i>1</i>	
PACKER <i>Basket</i>	<i>1</i>	
OTHER		

**PERSONNEL AND SERVICE UNITS**

NAME	UNIT NO. & TYPE	LOCATION
<i>D. Lerner</i>	<i>38242</i>	<i>Liberal Ks</i>
	<i>59179</i>	
<i>M Allison</i>	<i>51984</i>	
	<i>62275</i>	
<i>G Edwards</i>	<i>51984</i>	<i>Higdon Ks</i>
	<i>B-4260</i>	
<i>D. CORPENTON</i>	<i>4115</i>	
	<i>62728</i>	
	<i>7501</i>	
	<i>75237</i>	

**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 *Combit*  
 DESCRIPTION OF JOB *5 1/2 Prod Stag*  
 JOB DONE THRU: TUBING  CASING  ANNULUS  TBG./ANN.   
 CUSTOMER REPRESENTATIVE *Doug Robinson*  
 HALLIBURTON OPERATOR *Dennis Coe* COPIES REQUESTED \_\_\_\_\_

**CEMENT DATA**

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<i>220</i>	<i>Pgen Plus</i>	<i>Midlow</i>	<i>2 1/2 CC</i>	<i>1/4 # Floccate</i>	<i>3.22</i>	<i>11.1</i>
	<i>100</i>	<i>Lean Plus</i>	<i>Midlow</i>	<i>2 1/2 CC</i>	<i>1/4 # Floccate</i>	<i>1.84</i>	<i>13.2</i>

**PRESSURES IN PSI**

**SUMMARY**

**VOLUMES**

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 *15* REASON *Shoed out*

PRESLUSH: BBL.-GAL. *10* TYPE *Med Fluid*  
 LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_  
 TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL. BBL.-GAL. *769.71*  
 CEMENT SLURRY: BBL.-GAL. *(1) 12.6 (2) 32.4*  
 TOTAL VOLUME: BBL.-GAL. *233.15*  
 REMARKS *SEE JOB LOG*

CUSTOMER  
LEASE  
WELL NO.  
JOB TYPE  
DATE *4-16-96*

RECEIVED  
NASSAS CORP CONN  
APR 16 1996  
P. R. 07