

WELL COMPLETION REPORT

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

API NO. 055-21130  
County Finney  
E/2 NE/2 SE Sec. 22 Twn. 23 Rge. 34 XW

**2-COPY**

1980 Feet from S (circle one) Line of Section  
330 Feet from E (circle one) Line of Section

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

\* was Garden City R #1  
Lease Name Garden City S Well # 8

Field Name Sequoyah

Producing Formation Morrow

Elevation: Ground 2940 KB 2951

Total Depth 4900 PBDT 4848

Amount of Surface Pipe Set and Cemented at 1927 Feet

Multiple Stage Cementing Collar Used? X Yes      No

If yes, show depth set DV tool @ 3100 Feet

If Alternate II completion, cement circulated from     

feet depth to      w/      sx cmt.

Drilling Fluid Management Plan Q7 9-1-95  
(Data must be collected from the Reserve Pit)

Chloride content 2000 ppm Fluid volume 125 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:     

Operator Name     

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 26100

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

Purchaser: CITGO

Operator Contact Person: Jerry Ledlow

Phone (405) 749-2309

Contractor: Name: Beredco Drilling Co.

License: 5147

Wellsite Geologist: Robert Vick

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:

Operator:     

Well Name:     

Comp. Date      Old Total Depth     

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

9/10/92 9/20/92 10/14/92  
Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market, Room 2078, 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 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 [Signature]  
Title Staff Analyst Date 8/16/95

Subscribed and sworn to before me this 16th day of August, 1995.

Notary Public [Signature]  
Commission Expires 7-14-99

RECEIVED  
STATE CORPORATION COMMISSION

AUG 1 1995

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"/>	KGS	<input type="checkbox"/> Plug
<input type="checkbox"/>		<input type="checkbox"/> NGPA
		<input type="checkbox"/> Other (Specify) <u>    </u>

Operator Name USA Inc.  East  
 Sec. 22 Twp. 23 Rge. 34  West

Lease Name Garden City S Well # 8  
 County Finney

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving intervals tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressure, 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.) See attached sheet

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No  
 See attached sheet

Electric Log Run  Yes  No  
 (Submit Copy.)

List All E.Logs Run:  
 Compensated Neutron Lithodensity  
 Litho w/GR and caliper  
 Dual Induction SFL  
 Microlog

Log Formation (Top), Depth and Datums  Sample

Name	Top	Datum
Winfield	2603	+352
Council Grove	2751	+204
Heebner	3793	-838
Lansing	3840	-885
Marmaton	4318	-1363
Morrow	4653	-1698
St Gene	4714	-1759
St Louis	4794	-1839

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	1927	C	715	6%GEL
Production	7 7/8"	5 1/2"	14	4899	1st stage	350	6%gel
					2nd stage	400	6%gel

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<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 Specified Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Materials Used)	Depth
4	4651-4661		

TUBING RECORD Size 2 3/8 Set At 4634 Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. \_\_\_\_\_ Producing Method  Flowing  Pumping  Gas Lift  Other (Explain) \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	100	0	5		

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 4651-4661

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

COPY

API NO. 15- 055-21130

22-23-34W

County Finney

E/2.NE/2 SE/4 Sec. 22 Twp. 23S Rng. 34 X E  
W

1980 Feet from SW (circle one) Line of Section

330 Feet from EW (circle one) Line of Section

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

Lease Name Garden City R Well # 1 *(Garden City S 8) PRK per ACD*

Field Name Sequoyah

Producing Formation Morrow

Elevation: Ground 2940' KB 2951'

Total Depth 4900' PBTD 4848'

Amount of Surface Pipe Set and Cemented at 1927' Feet

Multiple Stage Cementing Celler Used? X Yes      No     

If yes, show depth set DV Tool at 3100' Feet

If Alternate II completion, cement circulated from     

feet depth to      w/      sz cnt.

Drilling Fluid Management Plan       
(Data must be collected from the Reserve Pit)

Chloride content 2000 ppm Fluid volume 125 bbls

Dewatering method used By evaporation

Location of fluid disposal if hauled offsite:     

Operator Name      **RELEASED**

Lease Name      License No.     

     Quarter Sec.      Twp.      S Rng.      E/W

County      Docket No.      **FROM CONFIDENTIAL**

Operator: License # 5447

Name: OXY USA INC.

Address P.O. BOX 26100

City/State/Zip OKLAHOMA CITY, OK 73126-0100

Purchaser: Citgo

Operator Contact Person: RAYMOND HUI

Phone (405) 749-2471

Contractor: Name: Beredco Drilling Company

License:     

Wellsite Geologist: Robert Vick

Designate Type of Completion

X New Well      Re-Entry      Workover

X Oil      SWD      SIOW      Temp. Abd.

     Gas      ENHR      SIGW

     Dry      Other (Core, VSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator:     

Well Name:     

Comp. Date      Old Total Depth     

     Deepening      Re-perf.      Conv. to Inj/SWD

     Plug Back      PBTD

     Commingled      Docket No.     

     Dual Completion      Docket No.     

     Other (SWD or Inj?)      Docket No.     

9-10-92 9-20-92 10-14-92

Spud Date      Date Reached TB      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 [Signature] VIC TUMLINSON

     DRILLING OPERATIONS MANAGER Date 10-23-92

Subscribed and sworn to before me this 23rd day of October

Notary Public [Signature]

Date Commission Expires 8-21-96

STATE CORPORATION COMMISSION

RECEIVED

**OFFICE USE ONLY**

F      Letter of Confidentiality Attached

C      Wireline Log Received **OCT 30 1992**

C      Geologist Report Received

DISTRIBUTION

     KCC      SWD/Rep      NEPA

     KSS      Plug      Other (Specify)     

**IS**

Operator Name WHE - 82 22 OXY USA Inc.  
 Sec. 22 Top. 23S Rge. 34  East  West

Lease Name Garden City R Well # 421408  
 County Finney

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests at 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.)  
 Pls refer to the attached for  data   
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Pls refer to the attached for  data   
 Electric Log Run  Yes  No  
 (Submit Copy.)  
 List All E.Logs Run: Ran Dual Induction SFL  
 /GR; Compensated Neutron - Litho w/GR and  
 caliper; microlog

Name	Top	Bottom
Winfield	2603	( 352)
Council Grove	2751	( 204)
Heebner	3793	(- 838)
Lansing	3840	(- 885)
Marmaton	4318	(-1363)
Morrow	4653	(-1698)
St. Gene	4714	(-1759)
St. Louis	4794	(-1839)

**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 Additive
Conductor Pipe	30"	20"		40'	Redi-mix	4 yds	
Surface	12 1/4"	8 5/8"	24#	1927'	Cl C	715 sx	6% gel
Production	7 7/8"	5 1/2"	14#	4899'	*Pls refer to Prod. Csg data below.		

**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				
	* Production casing cmt data: Cmt'd 1st stage w/160 sx 65/35 Cl. H w/6% gel, followed by 190 sx 50/50 Cl. H 2% gel. Cmt'd 2nd stage w/400 65/35 Cl. C 6% gel. DV Tool at 3100'			

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
4	4651 - 4661'	not acidized	

**TUBING RECORD** Size 2 3/8" Set At 4634' Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. \_\_\_\_\_ Producing Method  Flowing  Pumping  Gas Lift  Other (Explain) \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	100		5		

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 4651-4661'

Attachment to ACO-1  
Side 2

OXY USA Inc.  
Garden City R #1  
1980' FSL & 330' FEL  
Section 22-23S-34W  
Finney County

(AK: Garden City 58)

OCT 26 1993

CONFIDENTIAL

RELEASED

NOV 18 1993

DST #1 (4384' - 4399')

FROM CONFIDENTIAL

Time tested: 15-30-60-120. Initial flow: surface to 2" in 15 min. Final flow: no blow for 20 min.; weak surface to 1/2". Recovered 170' of mud water (60% water and 40% mud). IHP 2061 PSIG; IFP 44-56 PSIG; ISIP 1118; FHP 2015 PSIG; FFP 67-78 PSIG; FSIP 1085.

DST #2 (4634' - 4684')

Time tested: 30-60-60-90. Initial flow: good blow to bottom in 2 min. Final flow: good blow to bottom in 1 min. Gas to surface on opening of tool. Recovered 2710' of oil (90% oil, 10% gas). IHP 2187 PSIG; IFP 181-407 PSIG; ISIP 1123 PSIG; FHP 2140 PSIG; FFP 513-806 PSIG; FSIP 1099 PSIG.

Core Data:

- 4668' - 4675': ss good show of oil with lam shale. Ex. odor.
- 4675' - 4676': ss with/dead oil, ul sid stream alt.
- 4676' - 4682': ss fairly clean, good odor, firm show live oil, ex. cut., fairly tight.
- 4682' - 4689': ss with slight odor, slight show oil.
- 4689' - 4711': ls, no show with lam shale, frac i. p.
- 4711' - 4719': shale
- 4719' - 4728': ls, no show, top st. gen.

RECEIVED  
STATE GEOLOGICAL COMMISSION

OCT 30 1992

CONSERVATION DIVISION  
Wichita, Kansas