

COPY

and

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

API No. 055-21406
County Finney
SW SE Sec. 22 Twp. 23S Rge. 34 X W
660 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:
NE, SE, NW or SW (circle one)

Lease Name Garden City S Well # 5

Field Name Sequoyah

Producing Formation Morrow S-3

Elevation: Ground 2945 KB 2956

Total Depth 4900 PBD 4750

Amount of Surface Pipe Set and Cemented at 1957 Feet

Multiple Stage Cementing Collar Used? x Yes No

If yes, show depth set DV Tool @ 3055 Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

Drilling Fluid Management Plan ALT 1 6-24-96 JK
(Data must be collected from the Reserve Pit)

Chloride content 1200 ppm Fluid volume 3500 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name RELEASED

Lease Name License No. JUL 11 1996

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: Jerry Ledlow

Phone (405) 749-2309

Contractor: Name: Cheyenne Drilling Co.

License: 5382

Wellsite Geologist:

Designate Type of Completion

x New Well Re-Entry Workover

x 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 PBD

Commingled Docket No.

Dual Completion Docket No.

Other (SWD or Inj?) Docket No.

3/23/95 3/31/95 6/7/95

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 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]

Title Staff Analyst Date 6/14/95

Subscribed and sworn to before me this 14th day of June 1995.

Notary Public Cari Allen

ate Commission Expires 7-14-95

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
G Geologist Report Received
Distribution
KCC SWD/Rep NGPA
KGS Plug other (Specify)

Operator Name OXY USA Inc. Lease Name Garden City_S Well # 5

Sec. 22 Twp. 23S Rge. 34 East West
 County Finney

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No See Attached	<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	Winfield	2541	+ 415
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Council Grove	2761	+ 195
List All E.Logs Run:		Heebner	3782	- 826
Dual Induction SFL Gamma Ray		Toronto	3804	- 848
Litho Density Compensated Neutron Gamma Ray		Lansing	3840	- 884
Microlog		Marmarton	4324	- 1368
		Cherokee	4456	- 1500
		Morrow	4667	- 1711
		St Johns	4752	- 1796

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	1957	Midcon Prem Plus	540	3%cc
Production	7 7/8"	5 1/2"	14	4899	Midcon	1st Stage 2nd Stage	250 370

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	
	4	4756-60	Acidize w/600 gal 15% HCL	4756-60
	CIBP @ 4750	1000 gal diesel		
4	4700-20	Frac 21500 gal MY-T-Oil & 45000 #	4700-20	
		Ottawa 16/30 sand		

TUBING RECORD	Size <u>2 3/8</u>	Set At <u>4696</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. Pump Testing <u>6/7/95</u>	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 <u>61</u> Bbls.	Gas	Mcf	Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas: **METHOD OF COMPLETION** Production Interval 4700-4720

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled

(If vented, submit ACO-18.) Other (Specify) _____

CFY-USA Inc
Garden City S #5
Sec 22-23S-34W
Finney County Kansas

Computer Inventoried

22-23S-34W

CONFIDENTIAL

COPY

Drill Stem Test Taken

DST #1

API #15-055-21406

4646-4735

30-60-60-120

Open tool on initial flow. Bubble built to 3".

Final flow bubble built to 4". Recovered total 90' oil cut mud
(30' cut 30% oil & 70% mud, 60' 18% oil & 82% mud) Initial Hydrostatic 2162 psig.

Initial flow 44 psig to 44 psig. Initial shut-in pressure 515 psig.

Final flow pressure 56 psig to 67 psig. Final shut-in pressure 515 psig.

Final Hydrostatic pressure 2151 psig. Bottom hole temp. 116 F.

Sampler total volume 4000ml. 900ml oil & 3100ml mud. Pressure 230 psig.

Resistivity 6.5 ohms @ 70 F. Chlorides 920 ppm.

RELEASED

JUL 11 1996

FROM CONFIDENTIAL