

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

API NO. 15- 093-21243 - 0000

County Kearny
Approx. SE-SW-NW Sec. 12 Twp. 24S Rge. 35 X N

Operator: License # 09012 5447

3100 Feet from (S) (circle one) Line of Section

Name: OXY USA INC.

4030 Feet from (E) (circle one) Line of Section

Address P.O. BOX 26100 ORIGINAL

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

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

Lease Name Garden City F Well # 3

Purchaser: CIG

Field Name Panoma

Operator Contact Person: RAYMOND HUI

Producing Formation Council Grove

Phone (405) 749-2471

Elevation: Ground 2940' KB 2951'

Contractor: Name: Cheyenne Drilling Company

Total Depth 3106' PBDT 3058'

License: 5382

Amount of Surface Pipe Set and Cemented at 1101' Feet

Wellsite Geologist: -

Multiple Stage Cementing Collar Used? Yes X No

Designate Type of Completion
 New Well Re-Entry Workover

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cat.

Oil SVD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, VSW, Expl., Cathodic, etc)

Drilling Fluid Management Plan DLT / 2-12-93
(Data must be collected from the Reserve Pit)

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

Chloride content 2800 ppm Fluid volume 242 bbls

Operator: _____

De-watering method used By evaporation

Well Name: _____

Location of fluid disposal if hauled offsite: _____

Comp. Date _____ Old Total Depth _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ 3 Rng. _____ E/W

County _____ Docket No. _____

10-13-92 10-16-92 2-2-93
Spud Date 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 read and the statements herein are complete and correct to the best of my knowledge.

Signature VIC TUMLINSON VIC TUMLINSON

Title DRILLING OPERATIONS MANAGER Date 2-2-93

Subscribed and sworn to before me this 2nd day of February, 19 93.

Notary Public Jammy L Padilla

Date Commission Expires 8-21-96

RECEIVED STATE CORPORATION COMMISSION
2-4-93
FEB 4 1993
K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
KCC SVD/Rep NSPA
KGS Plug Other (Specify)
Form ACG-1 (7-91)

Operator Name OXY USA Inc. Lease Name Garden City F Well # 3
 Sec. 12 Twp. 24S Rge. 35 East West
 County Kearny

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 CBL, CCL w/GR & Compensated Neutron Log.

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 Winfield 2521
 Council Grove 2740

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#	1101	Cl. C	525	6% gel
Production	7 7/8"	5 1/2"	14#	3103	Cl. G	600	2% gel

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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	2740-2746; 2754-2772;	Acidized w/5000 gal of	2740-2826
	2778-2791; 2798-2804;	7.5% FE acid.	
	2820-2826	Frac'd w/37181 gal. of gel and 103000# of 10/20 Brady Sand.	2740-2826

TUBING RECORD Size 2 3/8" Set At 2854' Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. Waiting for pipeline connection Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil	Sbls.	Gas	Mcf	Water	Sbls.	Gas-Oil Ratio	Gravity
			248					

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 2740-2826

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO. 701

15-093-21243-0000 217046 10/14/1

WELL/LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
GARDEN CITY "F" 3		KEARNY		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
LIBERAL	CHEYENNE #1	CEMENT SURFACE CASING		10/14/1	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FI
659167	JIM WELCH	E-26		COMPANY TRUCK	41

DXY USA INC.
REGIONAL OFFICE
ATT: G. I. MCFARLAND
PO BOX 26100
OKLAHOMA CITY, OK 73126-0100

9-1572582X=360/734
DIRECT CORRESPONDENCE TO:
FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

ORIGINAL

PRICE REF/NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - EASTERN AREA1					
000-117	MILEAGE	30	MI	2.60	78.
		1	UNT		
001-016	CEMENTING CASING	1102	FT	900.00	900.
		1	UNT		
030-018	CEMENTING PLUG SW, PLASTIC TOP	8 5/8	IN	130.00	130.
		1	EA		
504-050	PREMIUM-PLUS CEMENT	125	SK	8.19	1,023.
504-120	HALL LIGHT -PREMIUM PLUS	400	SK	7.40	2,960.
507-210	FLOCELE	131	LB	1.30	170.
509-406	ANHYDRUS CALCIUM CHLORIDE	10	SK	26.50	265.
500-207	BULK SERVICE CHARGE	552	CFT	1.15	634.
500-306	MILEAGE CHGD MAT DEL OR RETURN	742.71	TMI	.80	594.
INVOICE SUBTOTAL					6,756
DISCOUNT-(BID)					2,567
INVOICE BID AMOUNT					4,188
*-KANSAS STATE SALES TAX					175
*-SEWARD COUNTY SALES TAX					35
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$4,400

AFFIX JOB TKT TERMS

INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.

HALLIBURTON SERVICES

INVOICE

A Halliburton Company

15-093-21243-0000

INVOICE NO. 217048

10/16/19

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
GARDEN CITY "F" 3		KEARNY		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
LIBERAL	CHEYENNE #1	CEMENT PRODUCTION CASING		10/16/199	
ACCT. NO.	CUSTOMER AGENCY	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
659167	RICHARD O. BERG	E-26		COMPANY TRUCK	4133

ORIGINAL

OXY USA INC.
 REGIONAL OFFICE
 ATT: G. I. MCFARLAND
 PO BOX 26100
 OKLAHOMA CITY, OK 73126-0100

DIRECT CORRESPONDENCE TO:
 FIRST OKLAHOMA TOWER
 210 WEST PARK AVENUE
 SUITE 2050
 OKLAHOMA CITY, OK 73102-5601

2155-582 x 234 11/724

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	PRICING AREA - EASTERN AREA1 MILEAGE <i>11/3</i>	30	MI	2.60	78.00
001-016	CEMENTING CASING	3102	FT	1,185.00	1,185.00
030-016	CEMENTING PLUG 5W ALUM TOP	5	1/2 IN	50.00	50.00
018-315	MUD FLUSH	840	GAL	6.60	504.00
218-738	CLAYFIX II	3	GAL	20.00	60.00
504-050	PREMIUM PLUS CEMENT	200	SK	8.19	1,638.00
504-120	HALL. LIGHT -PREMIUM PLUS	400	SK	7.40	2,960.00
507-210	FLOCELE	100	LB	1.30	130.00
507-775	KALAD-322	113	LB	6.30	711.90
508-127	CAL SEAL	19	SK	19.70	374.30
509-406	ANHYDROUS CALCIUM CHLORIDE	2	SK	26.50	53.00
509-968	SALT	1850	LB	.10	185.00
500-207	BULK SERVICE CHARGE	662	CFT	1.15	761.30
500-306	MILEAGE CNTG MAT DEL. OR RETURN	897.165	TMI	.80	717.73
INVOICE SUBTOTAL					9,408.23
DISCOUNT-(BID)					3,575.11-
INVOICE BID AMOUNT					5,833.12
*-KANSAS STATE SALES TAX					224.70
*-SEWARD COUNTY SALES TAX					45.86
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$6,103.68

AFFIX JOB TKT TERMS

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JOB LOG

WELL NO. F-3 LEASE Garden City 15-093-21243-0000
 TICKET NO. 217048

CUSTOMER Oxy USA PAGE NO. 1

FORM 2013 R-2

JOB TYPE Cement 5 1/2 Logging DATE 10-16-72

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0400							Called out
	0730							on loc
	1100							Start Pasing
	1235							Head on & circulating
	1250	5	20				200	Pump Mud Flush
	1254	5	10				200	Pump water
	1256	5					250	Pump Cement
	1338		202					Shut down - Release Plug - Wash P/L
	1341	5					100	Start Displacement
	1347	4	30				150	Slow Rate
	1352	3	50				400	Slow Rate
	1357	1 1/2	65				750	Slow Rate
	1400		70				800 / 700	Lost Circulation
	1404		74 1/2				1200	Land Plug
	1405							Release Pressure - Float Hold
								Circulated Flush But No Cement
	1430							Job Complete

ORIGINAL

Thank you

Larry Smith & crew



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION046
Liberal Ks

15-093-21243.0000

BILLED ON TICKET NO. 217048

CUSTOMER

OXY USA

LEASE Gordon City

WELL NO.

F-3

JOB TYPE

5 1/2 Longstrings DATE 10-16-92

WELL DATA

FIELD E Deerfield SEC. 12 TWP. 24 RNG. 35 COUNTY Keosauqua STATE Ks

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
FORMATION THICKNESS	FROM TO	CASING	N 14	5/2	0	3102	
INITIAL PROD: OIL BPD. WATER BPD. GAS MCFD		LINER					
PRESENT PROD: OIL BPD. WATER BPD. GAS MCFD		TUBING					
COMPLETION DATE MUD TYPE MUD WT.		OPEN HOLE					SHOTS/FT.
PACKER TYPE SET AT		PERFORATIONS					
BOTTOM HOLE TEMP. PRESSURE		PERFORATIONS					
MISC. DATA TOTAL DEPTH		PERFORATIONS					

JOB DATA

TOOLS AND ACCESSORIES			JOB DATA				
TYPE AND SIZE	QTY.	MAKE	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED	
DATE	10-16	DATE	10-16	DATE	10-16	DATE	10-16
TIME	0400	TIME	0730	TIME	1250	TIME	1430

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG	5/2 1	Howco
HEAD	1	"
PACKER		
OTHER		

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL-API

DISPL. FLUID _____ DENSITY _____ LB/GAL-API

PROP. TYPE _____ SIZE _____ LB

ACID TYPE _____ GAL. _____ %

SURFACTANT TYPE _____ GAL.

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 _____

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
L. Smith	44463	Liberal Ks
J. Ebersole	52276	"
J.C. Neal	76900	"
D. McIntyre	51984	Hugoton Ks
	44550	"
	75817	"
	3625	"
	09704	"
	4515	"

DEPARTMENT Cont

DESCRIPTION OF JOB Cement 5/2 Longstrings

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE X Richard O. Berry

HALLIBURTON OPERATOR Smith COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	400	Prem Plus	NCC	B	1/4 Flocc	2.05	12.3
	200	Prem Plus		B	9.4% EA 2, 17% CC, 15% Salt, .6% Haled 322	1.57	14.9

PRESSURES IN PSI			SUMMARY			VOLUMES		
CIRCULATING	DISPLACEMENT		PRESLUSH: BBL-GAL.	20 Mud flush + 10 water	TYPE			
BREAKDOWN	MAXIMUM		LOAD & BKDN: BBL-GAL.		PAD: BBL-GAL.			
AVERAGE	FRACTURE GRADIENT		TREATMENT: BBL-GAL.		DISPL: BBL-GAL.	24 1/2		
SHUT-IN: INSTANT	5-MIN	15-MIN.	CEMENT SLURRY: BBL-GAL.	202				
ORDERED	AVAILABLE	USED	TOTAL VOLUME: BBL-GAL.	306 1/2				
AVERAGE RATES IN BPM			REMARKS					
TREATING	DISPL	OVERALL	See Job Log					
CEMENT LEFT IN PIPE								
FEET	REASON							
44'	Shoe TT.							