

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

147-20567

00-00
ORIGINAL

Operator: License # 5447

Name: OXY USA Inc.

Address P. O. Box 300

City/State/Zip Tulsa, OK 74012-0300

Purchaser: _____

Operator Contact Person: David Juby

Phone 918/561-3564

Contractor: Name: Murfin Drilling Co.

License: 6033

Wellsite Geologist: _____

Designate Type of Completion

New Well Re-Entry Workover

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 PBTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj) Docket No. E-17,919

4/18/96 4/23/96 5/13/96
Spud Date Date Reached TD Completion Date

API NO. 15- _____
County Phillips
NW - NW ^{NE} - NW Sec. 23 Twp. 5S Rge. 20W

150' Feet from S(N) (circle one) Line of Section
1330' 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 Hansen C Well # 11W

Field Name Hansen

Inj. Producing Formation L-KC

Elevation: Ground 2163 KB 2171

Total Depth 3580 PBTD 3550

Amount of Surface Pipe Set and Cemented at 315 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1770 Feet

If Alternate II completion, cement circulated from 1770

feet depth to surf. w/ 370 sx cmt.

Drilling Fluid Management Plan ALT 2 97 2-6-97
(Data must be collected from the Reserve Pit)

Chloride content 1800 ppm Fluid volume 3100 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. _____

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]

Title Senior Eng. Tech. Date 7/8/96

Subscribed and sworn to before me this 16th day of July, 1996.

Notary Public Quetta J. Schwadlenak

Date Commission Expires August 21, 1996 7-23-96

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input 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"/> NGPA
		<input type="checkbox"/> Other (Specify)

RECEIVED
KANSAS CORPORATION COMMISSION

Form ACO-1 (7-91)

JUL 23 1996
07-23-96
CONSERVATION DIVISION
WICHITA, KS

Operator Name OXY USA Inc.

Lease Name Hansen C

Well # 11W

Sec. 23 Twp. 5 Rge. 20

East

County Phillips

West

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:

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Name	Top	Datum
Topeka	3026'	-855
Oread	3184'	-1013
Heebner	3225'	-1054
Toronto	3249'	-1078
Lansing	3267'	-1096
Arbuckle	3557'	-1386

Dual Induction
Segmented Bond Log

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	14 3/4"	10 3/4"	40.5 [#] /ft.	315	Std.	250	2% gel 2% cc & flocc
Long String		7"	20 [#] /ft.	3580	Mid-Con. EA-2	185 220	2% cc 10% salt 2% cc 1/4# flocc
				DV@ 1770	Mid Con II	370svl	10% saH

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 SPF	3528-32, 3452-56, 3430-34, 3358-60 & 3266-70	900 gals 15% NE/FE	

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No		
		2 3/8" FG	3517' 4	3226-29				
Date of First, Resumed Production, SWD or (Inj.)			Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
7/6/96								
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: **METHOD OF COMPLETION** Production Interval

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

(If vented, submit ACO-18.) Other (Specify) Injection Well KCC # E-17919

Production String Casing

15-147-20567-00-00
ORIGINAL



JOB LOG HAL-2013-C

DATE: 4-23-97
 PAGE NO: 1
 TICKET NO: 915370

CUSTOMER: DRY USA
 WELL NO.: C-11W
 LEASE: Hansen
 JOB TYPE: 7" O.V. L.S.

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1800							called out
	2045							on location w/ float equipment
	2076							Discuss safety, set up + Plan jobs
								Start 7" csg 30"
								23' 25' w/ ssg + Baffle
								cont. 1-3-5-7-9-11-29-40-41-42
								SI-53-53-53-53-53 Baskets 8-40
	2339							Fill casing w/ D.O. w/ mid.
	0008							csg on bottom
								OK w/ mid hog + Rotate Pipe
	0230	5					250	For 2 hours
			40					Pump 40 BBLs salt flush
			3					First 20 BBLs w/ mid thinner case
			12				300	Pump 3 BBLs N ² spacer
			3				300	Pump 12 BBLs Super Flush
		6 1/2					300	Pump 3 BBLs spacer N ²
								St mix 185 SKs mid con II w/
			106					2% CC 1/4" Flow stop 2"
								mid mix mid con.
							300	Start mid 200 SKs (N-2) std w/
								10% salt, 10% calcium, 70% N ²
			22				0"	17% CC
								fill mid case
								Wash out Pump + Lines
	0320	6					300	Release Plug
			144					Start D.O.P. csg cap 114 BBLs
							1200	PSI climbs through disp.
								Plug Loads - Release PSI OK
	0356							wash up equip
	0411						300	Drop opening Dart for D.O.
	0440							open O.V. - Pump OFF mid no risk
								Hook up + set up mid Hog
								C.R. 4 hrs.

CUSTOMER

ORIGINAL



JOB LOG HAL-2013-C

DATE: 4/29/97
PAGE: 2
TICKET NO. 915-113

CUSTOMER: OXY USA
WELL NO.: MC-110
LEASE: [unclear]
JOB TYPE: 7" DV Long Str.

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
2	0830							Hook up to cont Top stage w/ 370 & K ₂ MID Cont. 11/17/97 & 1/2" Fluoride
	0839	6	181			200 [#]		ST mix cont - "Plug Ret Hole" Fin mix cont Release Plug
	0945					200 [#] 1500 [#]		Start Disp. cap cap 72 BBLs plug down OK. - DV closed wash up. Equip
	1100							Job complete
								via cont to P.t. Disp. of Rge
								Allen f. Weech Hottel, etc
								J. [unclear] O/H SA
								D. W. [unclear] Duke Drill

Thank: Alvin, Rene, Tim, Nick

CUSTOMER



ORIGINAL

15-147-20567-0800

JOB LOG HAL-2013-C

DATE: 4-17-96 PAGE NO: 1

CUSTOMER: Oxy USA Inc.	WELL NO: C-11W	LEASE: Hansen	JOB TYPE: 10 ^{3/4} " Surface	TICKET NO: 915386-X
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CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	

	1100							Called out - Job ready @ 1500 hrs.
	1455							On loc - Reg @ 1500 hrs - Rig drg @ 247' - Set up Equip
	1536							Hole cut to 320' - Rig line.
	1645							Start 10 ^{3/4} " - 40' 6" Ht. Csg - Conds out 7' - 3' - 5" Clog
	1815							Csg @ 320' - Hook up to line
	1820							Rig Start Circ.
	1835							Hook up to PT
	1837	4 1/2	5.0				150	Start 5 bbl water spacer
	1839	4 1/2					150	Start mixing 250 sks Std. 2 1/2 bbl - 3 1/2 bbl
	1853	5.2	60.6				275	Finish mixing Cement
	1853							Close in Csg - Release 10 ^{3/4} " Top Plug
	1855	5.2					275	Start disp.
	1900	5.2	29.0				325	Cement disp to 295' - Close in Csg
	1901							Close in Csg - Washup & Rack up PT
	1930							Complete Tickets Job Completed

Thank you
Ehler, Jim, Craig

Circulated 10 sks to Pit (2 1/2 bbl)