

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

Operator: License # 5447Name: OXY USA Inc.Address P. O. Box 26100City/State/Zip Oklahoma City, Ok 73126-0100Purchaser: EnronOperator Contact Person: Jerry LedlowPhone (405) 749-2309Contractor: Name: BeredcoLicense: 5147

Wellsite Geologist: _____

Designate Type of Completion probably not
_____ New Well _____ Re-Entry X Workover

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

If Workover:

Operator: Lowery ExplorationWell Name: Hayward 8-1Comp. Date None (TA) Old Total Depth 6075

_____ Deepening _____ Re-perf. _____ Conv. to Inj/SWD
X Plug Back 3300 PBTD
_____ Commingled _____ Docket No. _____
_____ Dual Completion _____ Docket No. _____
_____ Other (SWD or Inj?) _____ Docket No. _____

5/1/93 5/15/93 12/14/93
Spud Date Date Reached TD Completion Date

API NO. 15- 129-21195County Morton_____ - C - NW - SE Sec. 16 Twp. 35 Rge. 41 X W1980 Feet from S/X (circle one) Line of Section1980 Feet from E/W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
XX, SE, NW or SW (circle one)Lease Name Hayward C Well # 3Field Name HugotonProducing Formation ChaseElevation: Ground 3508 KB 3520Total Depth 6075 PBTD 3300Amount of Surface Pipe Set and Cemented at 1609 FeetMultiple Stage Cementing Collar Used? x Yes _____ NoIf yes, show depth set 2907 Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALT 2 07 9-2-94
(Data must be collected from the Reserve Pit)Chloride content 1200 ppm Fluid volume 8900 bblsDewatering 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 Staff Analyst Date 4/25/94Subscribed and sworn to before me this 25th day of April, 1994.Notary Public Sammy L. Padillae Commission Expires 8-21-96

K.C.C. OFFICE USE ONLY	
F	☒ Letter of Confidentiality Attached
C	☒ Wireline Log Received
C	☒ Geologist Report Received
Distribution	
☒ KCC	☒ SWD/Rep
☒ KGS	☒ Plug
☒ NGPA	
STATE CORPORATION COMMISSION	

Form ACO-1 (7-91)

APR 28 1994
CONSERVATION DIVISION
Wichita, Kansas

C:\DATA\WPFILES\KCCCOMP\WVC_HC.3

SIDE TWO

Operator Name OXY USA Inc. Lease Name Hayward C Well # 3
 Sec. 16 Twp. 35S Rge. 41 ☐ East ☒ West
 County Morton

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.)	☐ Yes ☒ No	☒ Log	Formation (Top), Depth and Datums	☐ Sample
Samples Sent to Geological Survey	☒ Yes ☐ No	Name	Top	Datum
Cores Taken	☐ Yes ☒ No	Heebner	3716	- 196
Electric Log Run (Submit Copy.)	☐ Yes ☐ No	Lansing	3815	- 295
List all E. Logs Run:		Marmaton	4479	- 959
Cement Evaluation Log		Morrow	5165	- 1645
Cement Scan		L-1 sand	5228	- 1708
Cement Bond Log		S-3 sand	5487	- 1967
		Keyes	5550	- 2030
		Chester	5658	- 2138
		Ste. Genevieve	5758	- 2238
		St. Louis	5870	- 2350

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
Production	7 7/8"	5 1/2"	14	2907	1 stage - 125sx Class C w/EA-2, 15% salt, .6% Halad-322, 1% cacl. 2nd stage-200sx Class C w/6% gel, 1/4#sx floccel, tailed by 200sx Class C 50/50, 2% gel, 2% cacl, .3 CF-3		

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing	5226-5326	Class H	30sx	
☒ Plug Back TD				
☐ Plug Off Zone	3550-3700	Class H	50sx	

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	3436-3444	Acidize w/1000gal 7/12% FE.	3436-3444
2	2349-51, 2366-68, 2373-81, 2419-21, 2431-33	Acidized w/2500 gal 7 1/2% FE	2349-2433
		Fraced 40,000 gal gel & 12/20 sand	
	CIBP @ 3390		

TUBING RECORD	Size 2 3/8	Set At 2825	Packer At 3379	Liner Run ☐ Yes ☒ No
Date of First, Resumed Production, SWD or Inj. 12/15/93	Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas 430 Mcf	Water 242 Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas: **METHOD OF COMPLETION**

Production Interval 2349-2433

☐ Vented ☒ Sold ☐ Used on Lease ☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled
 (If vented, submit ACO-18.) ☐ Other (Specify) _____