

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

APT NO. 15- 055-21090

34-22-34

County FinneySW SE NE Sec. 34 Twp. 22S Rge. 34 X W2970' Feet from SW (circle one) Line of Section990' Feet from SW (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name Henselmann A Well # 2Field Name UnnamedProducing Formation St. LouisElevation: Ground 2940' KB 2953'Total Depth 4950' PBTD 4888'Amount of Surface Pipe Set and Cemented at 1974' FeetMultiple Stage Cementing Cellar Used? X Yes NoIf yes, show depth set DV tool @ 3107 FeetIf Alternate II completion, cement circulated from feet depth to w/ sx cat.Submitting Fluid Management Plan A/I/I
(Data must be collected from the Reserve Pit)Chloride content 1700 ppm Fluid volume 211 bblsDewatering method used by evaporationLocation of fluid disposal if hauled offsite: Operator Name Lease Name License No. Quarter Sec. Twp. 3 Rng. E/WCounty Docket No. Operator: License # 09012Name: OXY USA INC.Address P.O. BOX 26100City/State/Zip OKLAHOMA CITY, OK 73126-0100Purchaser: CitgoOperator Contact Person: RAYMOND HUIPhone (405) 749-2471Contractor: Name: Beredco Drilling CompanyLicense: Wellsite Geologist: Robert Vick

Designate Type of Completion

X New Well Re-Entry WorkoverX Oil SWD SLOW Temp. Abd. Gas ENHR SIGW Dry Other (Core, WSW, Expl.)

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 Cemented Docket No. Dual Completion Docket No. Other (SWD or Inj?) Docket No. 4/13/92 4/23/92 5/26/92

Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 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 VIC TUMLINSONTitle DRILLING OPERATIONS MANAGER Date 5/26/92Subscribed and sworn to before me this 26th day of May, 19 92.Notary Public Kelly D. AndrewsDate Commission Expires 8/19/95

K.C.C. OFFICE USE ONLY

F X Letter of Confidentiality Attached
C X Wireline Log Received
C Geologist Report Received

Distribution

X KCC SWD/Rep HSPA
X KGS Plug

STATE CORPORATION COMMISSION

MAY 28 1992

Form ACD-1 (7-91)

CONSERVATION DIVISION
Wichita, Kansas

Operator Name QXY USA INC.Lease Name HENSELMANN AWell # 2Sec. 34 Twp. 22S Rge. 34☐ EastCounty Finney☒ 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:
Ran Dual Induction-SFL w/SP & Gr;
Compensated Neutron-Litho w/GR & Caliper
Micro & Sonic Log.

*Pls refer to attachment for DST data.

Log	Formation (Top), Depth and Datum	Sample
	Name Top Datum	
	Winfield 2527' 3734'	
	Heebner 3735' 3790'	
	Lansing 3790' 4274'	
	Marmaton 4274' 4342'	
	Pawnee 4342' 4370'	
	Fort Scott 4370' 4591'	
	Moscow 4591' 4700'	
	St. Louis 4700' 4950'	
	TD 4950'	
	PBTD 4950'	

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
Conductor	30"	20"		40'	Redi-mix	4 yds	
Surface	12 1/4"	8 5/8"	24#	1974'	Cl. C.	725 sx	6% gel
Production	7 7/8"	5 1/2"	14#	4948'	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				
*Prod. csg data: Cmt'd 1st stage w/490 sx 50/50 Cl. H. cmt. Cmt'd 2nd stage w/340 sx 65/35 Cl. C. DV tool @ 3107'				

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	St. Louis 4677'-4685';	Acidized w/3000 gal 15%	4677'-19'
	4701'-4705'	HCL acid	
	4711'-4719'		
		Not Frac'd	

TUBING RECORD	Size	Set At	Packer At	Liner Run	☐ Yes ☒ No
	2 3/8"	4737'			
Date of First, Resumed Production, SWD or Inj.	5/20/92	Producing Method	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)		
Estimated Production Per 24 Hours	Oil 68 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas:

☐ Vented ☐ Sold ☐ Used on Lease
(If vented, submit ACO-18.)

METHOD OF COMPLETION

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Compingled
☐ Other (Specify) _____

Production Interval

4677'-4719'

Attachment to ACO-1
Side 2

ORIGINAL

OXY USA Inc.
Henselmann A #12
2970' FSL & 990' FEL
Section 34-22S-34W
Finney County

ACC
MAY 26 1993
CONFIDENTIAL

RELEASED

MAY 26 1993

AP2#15-055-21090

DST #1 (Dennis 4121'- 4145')

FROM CONFIDENTIAL

Time test 15-30-60-120. Initial flow: weak 1/2" blow, to strong blow bottom of bucket in 16 mins. No gas to surface. Recovered 345' of gas in pipe; 600' of clean gassy oil and 45' of heavy oil and gas cut mud. Total recovery 645' fluid. IHP 2006 psig; IFP 63-106 psig; ISIP 1127 psig; FHP 1974 psig; FFP 138-265 psig; FSIP 1152 psig. Sampler total 3150 cc. Contents 3025 cc. Oil 125 cc. Gas sampler pressure 155 psig. BHP 106 degree F.

DST #2 (Hertha 4218'- 4237')

Time tested 15-30-60-120. Initial flow: weak 1/2 " blow. Built to strong bottom bucket in 15 minutes. Final flow: weak 1/2" blow. Built to strong bottom bucket in 14 minutes. No gas to surface. Recovered 150' gas in pipe, 52' clean oil, 28' gas cut oil, mud and water and 570' of water. total fluid 650' in pipe. sampler: total 3150 cc = 232 cc oil; 2668 cc water, 250 cc gas pressure 150 psig; BHT 108 degree F. IHP 2027 psig; IFP 46-95 psig; ISIP 1138 psig; FHP 2006 psig; FFP 138-297 psig; FSIP 1163 psig.

DST #3 (Cherokee 4490' - 4511')

Time tested 15-30-60-120). Initial flow: surface blow to 2' in bucket at 15 mins. Final flow: weak 1"; built to strong bottom bucket in 22 mins. Recovered 495' gas in pipe, 30' oil and gas cut mud, 24% oil, 16% gas, 60% mud. 90' mud cut oil and gas, 42% oil, 45% gas, 13% mud. Recovered 120' total fluid in pipe. IHP 2180 psig; IFP 36-46 psig; ISIP 1075 psig; FHP 2133 psig; FFP 63-78 psig; FSIP 1200 psig; BHT 112 deg. F.

MAY 26 1992