

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

Operator: License # 5783  
Name Galloway Drilling Co., Inc.  
Address 340 Broadway Plaza Bldg.  
105 S. Broadway  
City/State/Zip Wichita, KS 67202

Purchaser Koch Oil Company

Operator Contact Person Susan Kendall  
Phone (316) 263-1793

Contractor: License # 5783  
Name Galloway Drilling Co., Inc.

Wellsite Geologist Casey Galloway  
Phone (316) 267-7355

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

If OWWO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
10/22/86 10/30/86 10/30/86  
Spud Date Date Reached TD Completion Date  
4200' 4050'  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 214 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set feet  
If alternate 2 completion, cement circulated from feet depth to w/ SX cmt  
Cement Company Name Allied Cementing  
Invoice #

API NO. 15-153-20,671-00-00  
County Rawlins  
NW SE SW Sec. 15 Twp 1s Rge. 33 East  
X West

990 Ft North from Southeast Corner of Section  
3630 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

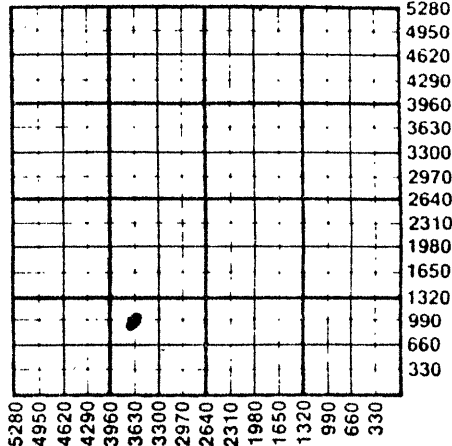
Lease Name Vap Well # A-2

Field Name Drift

Producing Formation Lansing

Elevation: Ground 2947 KB 2952

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  
Docket #  Repressuring

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit #

Groundwater Ft North from Southeast Corner  
(Well) Ft West from Southeast Corner of  
Sec Twp Rge East West

Surface Water 2970 Ft North from Southeast Corner  
(Stream, pond etc) 1320 Ft West from Southeast Corner  
Sec 15 Twp 1s Rge 33 East  West

Other (explain)  
(purchased from city, R.W.D. #)

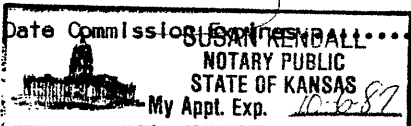
INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply.

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 drillers time log shall be attached with this form. 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 Jay H. Galloway  
Title President Date 11/24/86

Subscribed and sworn to before me this 24th day of November 1986  
Notary Public Susan Kendall  
Susan Kendall STATE CORPORATION COMMISSION



DEC 9 1986  
CONSERVATION DIVISION  
Wichita, Kansas  
12-9-86

K.C.C. OFFICE USE ONLY  
 Letter of Confidentiality Attached  
 Wireline Log Received  
 Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)

Sec 15, Twp 1, Rge 33

SIDE TWO

Operator Name Galloway Drilling Co. Inc. Lease Name Vap Well # A-2

Sec. 15 Twp. 1S Rge. 33  East  West County Rawlins

WELL LOG

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  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

DST #1 3968-4004 60-30-60-30  
 Rec. 3' clean oil, 61' oil cut mud,  
 IFP 36/41, FFP 41/41, SIP 239-218

DST #2 4040-4110 30-30-60-60  
 Rec. 20' oil cut mud, (12% oil, 88% mud)  
 60' oil cut mud (9% oil, 91% mud)  
 IFP 41/41, FFP 52/52, SIP 1088-1052

Name	Log	Top	Bottom
Anhydrite	2790 + 162	2792 + 160	
Oread	3840 - 888	3842 - 890	
Heebner	3858 - 906	3860 - 908	
Lansing	3903 - 951	3905 - 953	
90' zone	3990 -1038	3992 -1040	
B/KC	4156 -1204	4158 -1206	

RELEASED  
 1-13-88  
 JAN 13 1988

FROM CONFIDENTIAL

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"	23#	214'	60/40 pot	140	2% gel, 3% CACL
Production		5 1/2"	14#	4188'	60/40 pot	125	2% gel, 10% salt 240sx lite, w/300 gal flo check
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
3	3991-3995			2500 gals.		3991-3995	
	4091-4093			1750 gals.		4091-4093	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size 2 3/8"		Set At 4045'		Packer at none			
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....						
11/19/86							
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	15 Bbls	-0- MCF	23 Bbls		CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) ..... 3991-3995  
 Used on Lease  Dually Completed .....  
 Comingled