

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISIONWELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License #9746.....
 Name ...Wilkar Oil Company.....
 Address ...Box 3225.....
10707 Norwalk Blvd.....
 City/State/Zip ...Santa Fe Springs, CA 90670.....

Purchaser.....

Operator Contact PersonCharles Ed Harris.....
 Phone ...316.682.6842.....

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

Wellsite Geologist..Charles Ed Harris.....
 Phone....316.682.6842.....

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover ☐ SWD ☒ Temp Abd
☐ Gas ☐ Inj ☐ Delayed Comp.
☐ Dry ☐ Other (Core, Water Supply etc.)

If OWWO: old well, info as follows:

Operator
 Well Name
 Comp. DateOld Total Depth.....

WELL HISTORY

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

10/21/84..... 10/31/84..... 11/01/84.....
 Spud Date Date Reached TD Completion Date
 .4665'..... .4617'.....
 Total Depth PBTD

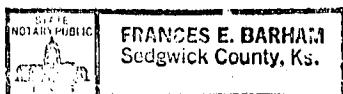
Amount of Surface Pipe Set and Cemented at...221 feet
 Multiple Stage Cementing Collar Used? ☒ Yes ☐ No
 If yes, show depth set.....2140.....feet
 If alternate 2 completion, cement circulated
 from....221....feet depth to...surf...w/....200 SX cmt

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 *Charles Ed Harris*
 Charles Ed Harris
 Title.....District Manager..... Date 11/07/84

Subscribed and sworn to before me this 7th day of November
 1984....
 Notary Public...*Frances E. Barham*.....
 Frances E. Barham
 Date Commission Expires...April 20, 1987.....



API NO. 15-...101-21.042-0000.....

County.....Lane.....

C SW NE SW 18 19S 28 ☐ East
 Sec..... Twp..... Rge..... ☒ West

1650 Ft North from Southeast Corner of Section
 ** 3590 Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

**This is the correct measurement (from survey)

Lease Name...Wilkar #1 Hineman Well #.....1
 Cattle Company

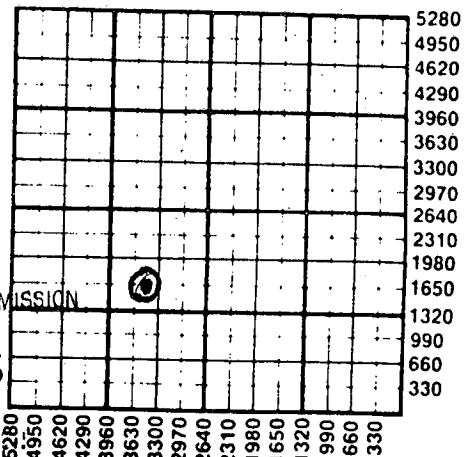
Field Name...Wildcat.....

N/A

Producing Formation.....

Elevation: Ground...2789.....KB...2794.....

Section Plat



RECEIVED
 1-25-85
 JAN 25 1985
 STATE CORPORATION COMMISSION
 CONSERVATION DIVISION
 WICHITA, KANSAS

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.....Ft North from Southeast Corner
 (Stream, pond etc).....Ft West from Southeast Corner
 Sec Twp Rge ☐ East ☐ West

☒ Other (explain)...J.C. Walker (irrigation well)
 (purchased from city, R.W.D. #)

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)		

Form ACO-1 (7-84)

Sec 1 & 2 Twp 19 Rge 28 W

Operator Name Willkar Oil Company Lease Name Hineman Cattle Well # 1Sec. 18 Twp. 19-S Rge. 28 ☐ East ☒ West County Lane

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

	Name	Top	Bottom
DST (1) 4389-4449 (Pleasanton, Marm) 30-60-45-90,	Anhydrite	2137	+ 657
Rec. 10' CGO (12% Gas), 40' Gsy MCO (10% gas, 60%	Base Anhydrite	2165	+ 629
oil), SIP 1132-1153#; FP 41-41/51-51#; IHH 2358,	Heebner	3971	-1177
FHH 2285, Temp. 116°	Lansing	4015	-1221
	Stark	4294	-1500
	Base Kansas City	4377	-1583
	Marmaton	4419	-1625
	Fort Scott	4545	-1751
	Cherokee	4568	-1774
	Mississippian	4615	-1821
	LTD	4672	-1878
	RTD	4665	-1871

RELEASED

JUN 05 1986

*NOTE: See Page 2 of 2 Side Two with additional last zone perf-frac record

FROM CONFIDENTIAL

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"	20#	221'	Common	200	2% gel +3% CACL
Production		5 1/2"	14#	4663'	Common	150	10% salt + 75 CFR2, 2% gel
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
4	4464-69'; 4459-64'; 4454-59'			A w/ 1000 gal. Hal. 15% MCA			
4	4480-84'; 4474-84'			A w/ 750 gal. Hal. 15% MCA; 7			
				gal Fe IA		4530	
4	4548-50'			A w/ 250 gal. Hal. 15% MCA		4580	
4	4592-98'			A w/ 500 gal. Hal. 15% MCA		4607	
4	4628-30'; 4614-18'			A w/ 500 gal. Hal. 15% MCA; A w/ 1500 gal. Hal. DSFE 15%		4645	
Date of First Production		Producing Method					
		☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....					
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio		Gravity
		Bbls	MCF	Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented
☐ Sold
☐ Used on Lease

☐ Open Hole ☐ Perforation
☐ Other (Specify)

☐ Dually Completed
☐ Commingled

Operator Name Wilkar Oil Company Lease Name..... Hineman Cattle Well #..... 1
Sec...18..... Twp..... 19-South Rge..... 28 ☐ East
☒ West County..... Lane

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

Name Top Bottom



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STATE CORPORAT

JAN 25 1985
RELEASED
CONSERVATION
JUN 05 1986

CASING RECORD ☐ New ☐ Used				FROM CONFIDENTIAL			
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
.....							
.....							
.....							
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
.....							
..... 4	4412-14; 4402-08'			A.w/500 gal.Hal.15%.MCA.Fe...		 4435	
.....				HAL.F.w/20,000 gal.30# cross-			
.....				link pure gell & 200 sx 20/40 mesh sand w/			
Ferricheck,WAC-N-D, Low Surf, Cla				Stay 2, GBW III, KCl 2%			
TUBING RECORD		Size	Set At	Packer at	Liner Run	☐ Yes ☐ No	
Date of First Production		Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....					
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
		Bbls	MCF	Bbls	CFPB		

Disposition of gas: ☐ Vented
☐ Sold
☐ Used on Lease

☐ Open Hole ☐ Perforation
☐ Other (Specify)

☐ Dually Completed
☐ Commingled

Production Interval

JAN 28 1985
CONFIDENTIAL

State Geological Survey
WICHITA BRANCH