

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

DESCRIPTION OF WELL AND LEASE

Operator: License # 5616
Name Calvin Noah
Address 329 N. Birch
City/State/Zip Valley Center, KS 67147

Purchaser Mobil Oil Corporation
P.O. Box 900
Dallas, TX

Operator Contact Person Calvin Noah
Phone 316-755-1032

Contractor: License # 5651
Name Mallard Drilling Co., Inc.

Wellsite Geologist Calvin Noah
Phone 316-755-1032

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

11/26/85 12/5/85 1/25/86
Spud Date Date Reached TD Completion Date

3804(E. Log) 3789
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 249.6 feet
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set feet

If alternate 2 completion, cement circulated
from 3804 feet depth to Surface 430 SX cmt

(100 Sax EA-2 + 330 Sax Hal. Econolite) Did Circ.

API NO. 15-065-22-269

County Graham
50 ft. West of ☐ East
NE SE NW Sec. 26 Twp. 10 Rge. 21 ☒ West

3630 Ft North from Southeast Corner of Section
3020 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

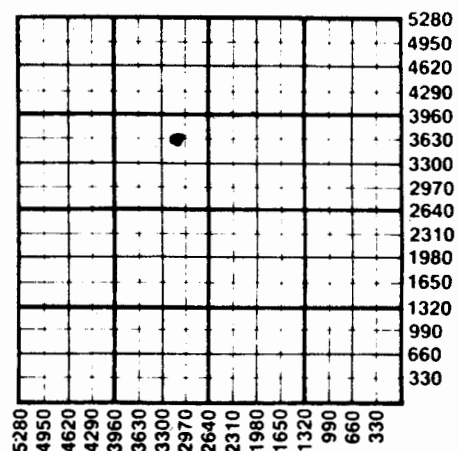
Lease Name Holzhauser Well # 1

Field Name Trico

Producing Formation Arbuckle

Elevation: Ground 2159 KB 2167

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:

☒ Disposal

Docket # C-12,777
79,351-C

☐ 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

S.S. Zeigler

☐ Other (explain) Purchased from Palco, Kansas
(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 followed to the best of my knowledge.

SIDE TWO

Operator Name Calvin Noah Lease Name Holzhauser Well # 1

Sec. <u>26</u>	Twp. <u>10</u>	Rge. <u>21</u>	☐ East ☒ West	County <u>Graham</u>	
Oil		Gas		Water	Gravity
Estimated Production Per 24 Hours		12 Bbls	MCF	95 Bbls	CFPB 27 deg.

METHOD OF COMPLETION Production Interval

Disposition of gas: ☐ Vented ☐ Open Hole ☒ Perforation
 None ☐ Solid ☐ Other (Specify) 3784-3785

Drill Stem Tests Taken ☒ Yes ☐ No
 Samples Sent to Geological Survey ☐ Yes ☒ No But will Be ☒ Log ☐ Sample
 Cores Taken ☐ Yes ☐ No

DST # 1, 3428-3490, 30"-30"--30"-30", Rec'd: 180' sl. OCM
 186' Mud Ave. 20% oil, 3% wtr. IFP 68-185, FFP 185-215
 CIP 925-945#, Max Temp.: Not Measured

DST # 2, 3502-3532, 30"-45"--30"-45", Rec'd: 248' mud
 No show oil, IFP 49-98, FFP 107-127, CIP 419-409, HP
 1778-1769

DST # 3, 3605-3645, 30"-30"--30"-30", Rec'd: 62' Mud,
 No show oil, 3% water, IFP 39-49, FFP 49-59, CIP 380-
 224#, HP 1836-1836

DST # 4, 3755-3760, 30"-30"--30"-30", Rec'd: 10' Mud
 (Tool Plugging) Flow pressures not valid, CIP 1042-1003
 HP 1894-1894

DST # 5, 3757-3770, 30"-45"--60"-90", Rec'd: 10' sl. MCO
 + 72' OCM(33% oil, No water) IFP 20-39, FFP 39-78
 CIP 1071-1073 #, HP 2020-1923. (Some tool plugging)

Name	Top	Bottom
Anhydrite	1638	1678
Base/Anhydrite	1678	
Topeka	3194	
Heebner	3399	
Toronto	3422	
Lansing	3438	
Base/KC	3670	
Ero. Arbuckle	3750	
Solid Arb.	3760	
RTD	3804	

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# New	..249.6..	..60/40 Pbz..	..175..	..3% CC, 2% Cel
..Production...	..7 7/8".....	..5 1/2".....	..14 #.....	..3803..	..FA-2.....	..100..	
.....					Plus Hal Econ	..145..	2% Econ, 1/2# Floce
per sack Plus 175 Sack Hal Econ				lite, 2% Econ	..1/4 # Flocele	per Sack	
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.....	3784-3785.....			..150 gal. Double Strength..			
.....				15% FE Acid.....		..3784-85'	
.....							
.....							
TUBING RECORD				Liner Run ☐ Yes ☒ No			
Size	Set At	Packer at					
2 7/8"	3785'	None					
Date of First Production		Producing Method					
1/29/86		☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....					

26-10-21W 12

DRILLERS' LOG

COMPANY: Calvin Noah

WELL NAME: Holzhauer #1

CONTRACTOR: Mallard Drilling
P. O. Box 905
McPherson, Kansas 67460

DESCRIPTION: 50' W, NE SE NW
Sec. 26-10-21W
Rooks County, Kansas

TOTAL DEPTH: 3800'
COMMENCED: November 26, 1985

ELEVATION: 2159' K.B. 2167' G.L.
COMPLETED: December 5, 1985

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>
Soil, shale	0	259
Shale	259	1630
Anhydrite	1630	1670
Shale	1670	3144
Shale, lime	3144	3344
Lansing	3344	3760
Arbuckle	3760	3800 T.D.

FEB 03 1986
State Geological Survey
WICHITA BRANCH

Cut 12½" hole to 259'. Ran 6 joints new 8 5/8" x 20# x 241.08' casing, set at 249.58' with LDJ. Cement with 175 sax 60/40 Pozmix, 3% cc, 2% gel. Cement did circulate. P.D. at 2:00 a.m. 11-27-85.

Ran 5 DST's.

Ran Electric Log.

Ran 95 joints, 5½" x 14# x 3828.34' casing. Set at 3799'. Cement with 175 sax 2% Econolite, ¼# Flocele/sk; and with 155 sax 2% Econolite, ½# Flocele/sk; and with 100 sax EA-2, ¼# Flocele/sk. CDC. P.D. at 10:06 12-5-85. (Plug R.H. and M.H.)

STATE OF KANSAS)
) SS:
COUNTY OF McPHERSON)

I, BRYAN HESS of MALLARD DRILLING, certify that this is a true and correct copy of the log of the Holzhauer #1