

SIDE ONE

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

DESCRIPTION OF WELL AND LEASE

Operator: license # 5418
name ALLEN DRILLING COMPANY
address P.O. Box 1389
Great Bend, KS 67530
City/State/Zip

Operator Contact Person Doug Hoisington
Phone (316) 793-3582

Contractor: license # 5418
name ALLEN DRILLING COMPANY

Wellsite Geologist Jeffrey R. Zoller
Phone (316) 793-3582

PURCHASER Lease - KOCH OIL CO.

Signate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

☐ Oil ☒ SWD ☐ Temp Abd
☐ Gas ☐ Inj ☐ Delayed Comp.
☐ Dry ☐ Other (Core, Water Supply etc.)

OWWO: old well info as follows:

Operator NA
Well Name --
Comp. Date -- Old Total Depth --

WELL HISTORY

Drilling Method: ☒ Mud Rotary ☐ Air Rotary ☐ Cable

1/22/86 1/28/86 3/3/86
Date Date Reached TD Completion Date

4235' 4235'
Total Depth PBD

it of Surface Pipe Set and Cemented at 800' feet

Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If Yes, Show Depth Set -- feet

Alternate 2 completion, cement circulated
from -- feet depth to -- w/ -- SX cmt

API NO. 15 - 185-22,344

County Stafford

E/2 SE SE Sec 31 Twp 23S Rge 13 East
(location) West

660 Ft North from Southeast Corner of Section

330 Ft West from Southeast Corner of Section

(Note: locate well in section plat below)

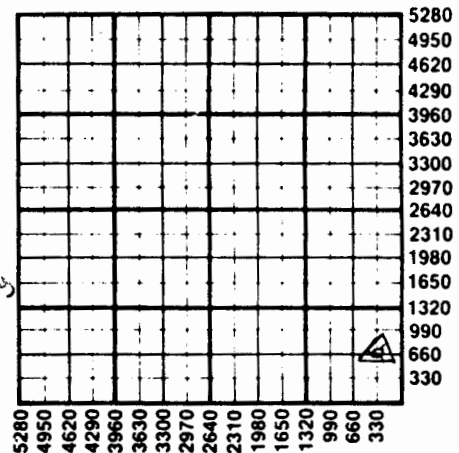
Lease Name MANSEL Well# 2-31

Field Name MERLE REVIVED

Producing Formation S.W.D.

Elevation: Ground 1911 KB 1916

Section Plat



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit # --

☐ Groundwater -- Ft North From Southeast Corner and
(Well) -- Ft. West From Southeast Corner of
Sec Twp Rge ☐ East ☐ West

☒ Surface Water 330 Ft North From Southeast Corner and
(Stream, Pond etc.) 1390 Ft West From Southeast Corner
Sec 31 Twp 23 Rge 13 ☐ East ☒ West

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

Disposition of Produced Water: ☐ Disposal
☐ Repressuring

Docket # N/A

This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 12, within 90 days after completion or recompletion of any well. Rules 82-3-130 and 82-3-107 apply.

One copy 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 access of 12 months.

Well logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with

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180550

SIDE TWO

Operator Name ALLEN DRILLING COMPANY Lease Name MANSEL Well# 2-31 SEC 31 TWP 23 S RGE 13 ☐ East ☒ West

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 4039-4075 Simpson
 30:15:15:15
 HP: 2120/2031
 SIP: 34/45
 FP: 34/34 - 45/45
 Rec: 15' Mud with few specks oil on top
 Very weak blow, dead in 25 min.
 flushed tool, very weak blow, dead
 in 3 min.

DST #2 4061 - 4090 Arbuckle
 15:45:60:60
 HP: 2142/2020
 SIP: 950/781
 FP: 125/102-130/181
 Rec: 330' HOGCH
 60' MW
 Strong blow decreasing thru test

Name	Top	Bottom
Anhydrite	794	
Base Anhydrite	816	
Tarkio	2775	
Howard	2989	
Topeka	3078	
Heebner	3392	
Toronto	3413	
Douglas	3431	
Lansing KC	3555	
Base KC	3814	
Mississippian	3891	
Kinderhook	3908	
Simpson SS	4046	
Arbuckle	4079	
LTD	4231	

TUBING RECORD size 2-7/8" set at 4103' packer at 4103' Liner Run ☐ Yes ☒ No

Date of First Production N/A Producing method ☐ flowing ☐ pumping ☐ gas lift ☒ Other (explain) ... SWD

Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	N/A Bbls	N/A MCF	N/A Bbls	N/A CFPB

Position of gas: ☐ vented ☐ open hole ☐ perforation ☐ other (specify) N/A ☒ used on lease ☐ Dually Completed.

METHOD OF COMPLETION PRODUCTION INTERVAL

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"	23#	800	50/50 Poz	200	3% cc, 2% gel
Production	7-7/8"	5-1/2"	15.5#	4140	50/50 Poz	115	18% salt .75% CFR2

PERFORATION RECORD specify footage of each interval perforated

shots per foot	Acid, Fracture, Shot, Cement Squeeze Record (amount and kind of material used)	Dep'	
2 JSPF	4079-82'	250 gal, 15% FE HCL	40'
2 JSPF	3924-30'	500 gal, 15% FE	
2 JSPF	3732-34'	750 gal, 15% NE HCL	
2 JSPF	3724-29'		