SIDE ONE

Ind

P1

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 # 5509
name SunWest Exploration
address 9785 S. Maroon Circle
City/State/Zip Englewood CO 80439

Operator Contact Person George Rooney
Phone 303-790-2177

Contractor: license # 5418
name Allen Drilling Co
Box 1389 Great Bend KS 67530

Wellsite Geologist Doug McGinnis II
Phone 316-267-6065
PURCHASER Koch Oil

Designate **Type of Completion**
☑ New Well ☐ Re-Entry ☐ Workover

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

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

API NO. 15 - 007-21,877

County Barber

N/2 SE NE Sec 28 Twp 31 Rge 13 ☐ East ☑ West
(location)

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

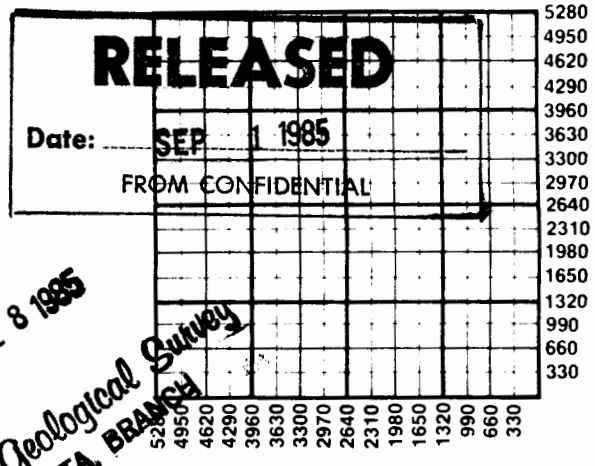
Lease Name Mel Alsum Well# 1

Field Name Nurse Ext

Producing Formation Topeka

Elevation: Ground 1576' KB 1581

Section Plat



SEP 18 1985
State Geological Survey
WICHITA, BRANCH

WELL HISTORY

Drilling Method: ☑ Mud Rotary ☐ Air Rotary ☐ Cable

8-1-84	8-7-84	8-20-84
Spud Date	Date Reached TD	Completion Date
4232	4230	
Total Depth	PBTD	

Amount of Surface Pipe Set and Cemented at 310' 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

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 Ft North From Sourtheast Corner and
(Stream) Pond etc.) Ft West From Southeast Corner
Sec 28 Twp 31 Rge 13 ☐ East ☑ West

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

Disposition of Produced Water: ☐ Disposal ☐ Repressuring

Docket #

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. Rules 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

SIDE TWO

Operator Name Sunwest Exploration Lease Name Mel Alsum Well# 1 SEC 28 TWP 31 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	Formation Description
Samples Sent to Geological Survey	☒ Yes	☐ No	☒ Log ☐ Sample
Cores Taken	☐ Yes	☒ No	

TUBING RECORD size 2 3/8 set at 3350 packer at None Liner Run ☐ Yes ☒ No

Date of First Production	Producing method					
8-22-84	☐ flowing	☒ pumping	☐ gas lift	☐ Other (explain)		

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	20 Bbls	Not producible MCF	10 Bbls	CFPB	

Disposition of gas: ☐ vented ☐ sold ☒ used on lease

METHOD OF COMPLETION: ☐ open hole ☒ perforation ☐ other (specify) ☐ Dually Completed. ☐ Commingled

PRODUCTION INTERVAL: 3359' to 3364'

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	310'	60/40 poz	225	3% cal 2% gel
Production	7 7/8"	5 1/2"	14	4232	50/50 poz	260	3/4% CFR2 12 1/2# Gilsonite

PERFORATION RECORD

shots per foot	specify footage of each interval perforated	Acid, Fracture, Shot, Cement Squeeze Record (amount and kind of material used)	Depth
2	3359' to 3364'	600 gal DSFE (15%)	3359'

#1

Op: Sunwest Exploration
28-31-13W
N/2 SE NE

FORMATION TOPS

Formation	Well Log (Datum)	Sample (Datum)	St Pos
Topeka Zone	3357 (-1776)	3361 (-1780)	-9'
Heebner Shale	3540 (-1959)	3544 (-1963)	-2'
Douglas Shale	3577 (-1996)	3580 (-1999)	-3'
Upper Douglas Sand	3605 (-2024)	3610 (-2029)	+3'
Lower Douglas Sand	3684 (-2103)	3689 (-2108)	-2'
Lansing	3727 (-2146)	3731 (-2150)	-5'
Base/Kansas City	4176 (-2595)	4179 (-2598)	-5'
Mississippi Chert	Not Reached	4226 (-2645)	-7'*
Total Depth	4231 (-2650)	4232 (-2651)	---

* Structural Position is for the Sample Top.

DESCRIPTIONS OF ZONES OF INTEREST

Topeka (Lecompton) Zone - 3357-3374 (Gearhart).

Limestone, tan, medium to coarse crystalline, spar (calcite) crystals, fair vuggy and inter-crystalline porosity, fair to good show of free oil, even saturation and stain to scattered light stain, gold fluorescence, fair to faint odor.

DST #1 - "Misrun".

DST #2 - 3358'-3370', 30-30-60-60, ISIP #1085, IFP 137-167, FFP 177-226, FSIP #1115, weak blow increased to a strong blow, GTS/60", TSTM. Recovered 430' total fluid (70' HO & GCM, 180' froggy oil, 165' muddy gassy oil [60% oil], 15' saltwater [62,000 ppm [Cl]$^-$]). BHT 110°F.

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WICHITA, BRANCH

Mississippi Chert - 4236-4232 (Samples).

Chert, white to opaque, fresh to weathered, fair to good show of free oil, gas bubbles, scattered stain and saturation, trace of gilsonite stain, good odor, scattered fluorescence.

AUG 30 1984
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WICHITA BRANCH

DST #3 - 4194'-4232', 30-30-60-60, ISIP #1664, IFP 137-137, FFP 177-177, FSIP #1624, GTS/6", F/86,300 CFGPD, decreased and stabilized at 39,900 CFGPD. Recovered 70' HO & GCM and 60' froggy oil. BHT 116°F.