

JUN 7 1985

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 Company
Address 9785 S. Maroon Circle Suite 310
City/State/Zip Englewood CO 80112

Purchaser Koch

Operator Contact Person George B. Rooney II
Phone 303-790-2177 316-243-7311

Contractor: License # 5814
Name Allen Drilling

Wellsite Geologist Ernie Morrison
Phone 316-243-7311

Designate Type of Completion

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

If OWNO: old well info as follows:

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

WELL HISTORY

Drilling Method:

- Mud Rotary Air Rotary Cable

10-8-84 10-16-84 Nov 12th 1984
Spud Date Date Reached TD Completion Date
4790' 4790'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 312 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

API NO. 15-007-21, 939

County Barber State KANSAS Survey Survey
NE SW NE Sec 28 Twp 31 Rge 13 West

3630 Ft North from Southeast Corner of Section
1650 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

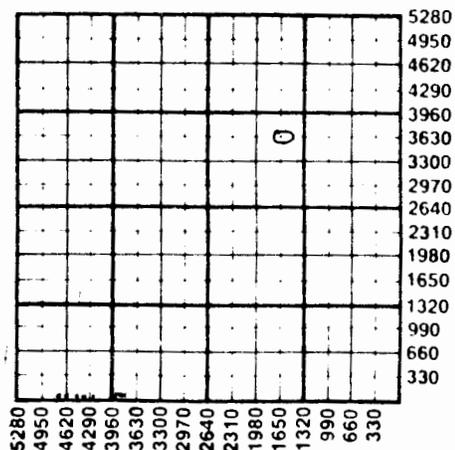
Lease Name Allan Cok Well # 1

Field Name New

Producing Formation Mississippian

Elevation: Ground 1559' KB 1564'

Section Plat



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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 28 Twp 31 Rge 13 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.

SIDE TWO

Operator Name Southwest Exploration Company Lease Name Allan Cook Well # 1

Sec. 28 Twp. 31S Rge. 13 East West County BARBER

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

See Attached Sheet →

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	10	0	10		
	Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed

4222 to 4230

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 Production	12 1/4	8 5/8	23#	312'	60/40/202	750	7% gel 3% CE
	7 7/8	5 1/2	14#	4680'	60/40/202	700	10% salt 3% CFZ 10% gilsonite

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
2	4222 to 4230	750 gal DSFE (15%)	4222-4230
	4680' to 4790'	300 gal DSFE (20%) 8000 gal DSFE (20%)	4680' to 4790'

TUBING RECORD

Size 2 1/16 Set At 4621' Packer at 4621' Liner Run Yes No

2 strings 2 1/16 Set At 4357' Parallel Anchor - 4357' Lined 2 1/16 disposal string

Date of First Production Nov 16th 1984 Producing Method Flowing Pumping Gas Lift Other (explain).....

28-31-13W

FORMATION TOPS

<u>Formation</u>	<u>Well Log (Datum)</u>	<u>Sample (Datum)</u>
Topeka Zone	3362 (-1978)	3354 (-1790)
Rebner Shale	3534 (-1970)	3532 (-1968)
Douglas Shale	3566 (-2002)	3569 (-2005)
Upper Douglas Sandstone	3593 (-2029)	3599 (-2035)
Lower Douglas Sandstone	3676 (-2112)	3676 (-2112)
Lansing	3718 (-2154)	3719 (-2155)
Base/Kansas City	4170 (-2606)	4168 (-2604)
Mississippi Chert	4221 (-2657)	4221 (-2657)
Kinderhook	4390 (-2826)	4402 (-2838)
Viola	4468 (-2904)	4478 (-2914)
Simpson Shale	4560 (-2996)	
Simpson Sandstone	4583 (-3019)	4582 (-3018)
Arbuckle	4656 (-3092)	4657 (-3093)
Total Depth	4790 (-3226)	4790 (-3226)

DESCRIPTION OF ZONES OF INTEREST

Mississippian Chert 4221-4226

Cherty white to opaque, fresh occasional weathered trace of free oil, trace gas bubbles, scattered stain: some fresh and some gilsonitic. Trace pinpoint porosity.

Dst. #1: 4186' - 4228' (45-90-60-120)

IF: 116-103 ISIP: 403

FF: 116-116 FSIP: 545

1st. open: Strong blow in 32 minutes.

2nd. open: Strong Blow in 1 minute.

Recovered 150' fluid: 30' of drilling mud, 60' very slightly oil cut mud, 60' oil cut mud (85 oil-925 mud)

FEB 27 1985

Geological Department
111 Main Street