SIDE ONE

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 # 9894
name Southwest Energy Development Corp
address P O Box 3744
City/State/Zip Houston, Texas 77253

Operator Contact Person Delbert Sumter
Phone (405) 237-4116

Contractor: license # 5122
name Woodman-Iannitti Drilling Co

Wellsite Geologist Don F. Moore
Phone (316) 265-7541

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

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OCT 15 1984
CONSERVATION DIVISION
Wichita, Kansas

WELL HISTORY

Drilling Method: ☒ Mud Rotary ☐ Air Rotary ☐ Cable

9/ /84	10/6/84	10/6/84
Spud Date	Date Reached TD	Completion Date

3435'	3435'
Total Depth	PBTD

Amount of Surface Pipe Set and Cemented at 377' 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

Wireline log received

API NO. 15 - 009-23,729

County Barton

NW SE SE Sec 2 Twp 16 Rge 13 ☒ West
(location)

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

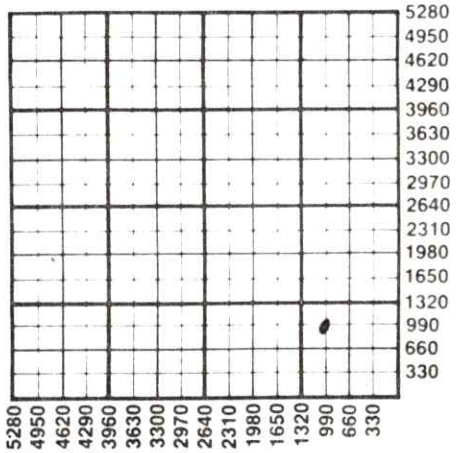
Lease Name Rieman Well# 1

Field Name NEY SW. EST. (1/8W)

Producing Formation

Elevation: Ground 1999 KB 1903

Section Plat



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

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

☒ Surface Water 1065' Ft North From Sourtheast Corner ar
(Stream, Pond etc.) 990' Ft West From Southeast Corn
Sec 2 Twp 16S Rge 13W ☐ 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.

rmation 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 fidentiality in excess of 12 months.

f 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 abandoned wells.

SIDE TWO

Operator Name Southwest Energy Develp. Lease Name Rieman Well# 1 SEC 2 TWP 16 RGE 13 ☐ East ☒ West

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem test giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached stati level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attac 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

Clay & Post Rock	0	47
Post Rock	47	70
Shale	70	311
Shale	311	377
Shale & Red Beds	377	871
Anhy	871	894
Shale	894	995
Shale	995	1575
Shale & Lime	1575	1885
Shale & Lime	1885	2175
Shale & Lime	2175	2385
Lime & Shale	2385	2625
Shale & Lime	2625	2795
Lime & Shale	2795	2935
Shale & Lime	2935	3009
Lime	3009	3144
Lime	3144	3260
Lime & Shale	3260	3360
Lime	3360	3420
Lime	3420	3435
Arbuckle	3435	

Formation Description

☒ Log ☐ Sample

Name	Top	Bottom
Anhydrite	871	894
Heebner Shale	3024	3042
Toronto Lime	3042	3110
Brown Lime	3110	3116
Lansing/KansasCity	3116	3200
No Show	3200	3369
Arbuckle Detrital	3369	3390
Arbuckle Dolo.	3390	3435
T.D.		3435

SEE ATTACHED GEARHART LATEROLOG.

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#	377'	Common	215	3%CC, 2%Gel

PERFORATION RECORD

shots per foot	specify footage of each interval perforated	Acid, Fracture, Shot, Cement Squeeze Record (amount and kind of material used)	Depth
	N/A		

2-16-13W

WOODMAN-IANNITTI DRILLING CO.

Date October 6, 1984

Company Southwest Energy Development Corporation

Lease Rieman Well No. 1

Legal Description NW SE SE Sec 2-16S-13W Barton County, Kansas

Well Depth 3435'

SURFACE INFORMATION

Depth Set 377' Size and Weight of Casing 8-5/8" X 23#

Number of Sacks 215 Type of Cement Common

Additives in Cement 3%CC, 2% Gel

Cementing Company Sun

IF CASING IS RUN

~~Depth Set~~ Size and Weight of Casing

Number of Sacks Type of Cement

Additives in Cement N/A

Cementing Company

IF WELL IS PLUGGED

Depth of Each Plug and Number of Sacks on Each 25 sx @ 3390', 90 sx @ 850', 40 sx @ 380', 10 sx @ 40', & 10 sx in Rathole

Type of Cement 50/50 Poz-Mix

Cement Additives 6% Gel, 3%CC, 2 sx Cello Flake

Cementing Company Sun

OCT 19 1984
State Geological Survey
WICHITA BRANCH

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Wichita, Kansas



USA WELL SERVICE

PHONE 233-1084 (Area Code 405)
4210 S. VAN BUREN
ENID, OKLAHOMA 73701

2-16-13w

4067. +
4208. +
4067. +
4061. +
4223. +
4064. +
4020. +
4161. +
4220. +
700. +
010
37791. *

Date 10-6-84

COMPANY Southwest Energy Development Corp

LEASE Rieman WELL NO. #1

Description of Pipe

JOINT NO.	FT.	HNDRTHS	JOINT NO.	FT.	HNDRTHS	JOINT NO.	FT.	HNDRTHS	JOINT NO.	FT.	HNDRTHS
1	40	67	26			51			76		
2	42	08	27			52			77		
3	40	67	28			53			78		
4	40	61	29			54			79		
5	42	23	30			55			80		
6	40	64	31			56			81		
7	40	20	32			57			82		
8	41	61	33			58			83		
9	42	20	34			59			84		
10	7	00	35 Landing Jt.			60			85		
11			36			61			86		
12			37			62			87		
13			38			63			88		
14			39			64			89		
15			40			65			90		
16			41			66			91		
17			42			67			92		
18			43			68			93		
19			44			69			94		
20			45			70			95		
21			46			71			96		
22			47			72			97		
23			48			73			98		
24			49			74			99		
25			50			75			00		
TOTALS	377	91									

TOTAL 377 91

REMARKS 24# 8 5/8 API New Casing

Witnessed by Delbert Damler Tallied By Rig Crew

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WICHITA BRANCH