

COPY

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15-051-24897 0000

County Ellis County, Kansas

165'S NE - SW - NE Sec. 31 Twp. 12S Rge. 19 ^E _W

Operator: License # 31521

1815 Feet from S (circle one) Line of Section

Name: Kenmark Corporation

1650 Feet from (circle one) Line of Section

Address PO Box 572

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

City/State/Zip Hays, KS 67601-0572

Lease Name Armbrister Well # 1

Purchaser: Scurlock Permian Corporation

Field Name Schoenthaler

Operator Contact Person: Mark Kilian

Producing Formation Marmaton

Phone (316) 792-7568

Elevation: Ground 2144 KB 2153

Contractor: Name: Duke Drilling Co., Inc.

Total Depth 3830' PBDT

License: 5929

Amount of Surface Pipe Set and Cemented at 225.76 Feet

Wellsite Geologist: Mark Kilian

Multiple Stage Cementing Collar Used? Port Yes No

Designate Type of Completion
 New Well Re-Entry Workover

If yes, show depth set 1,556 Feet

Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Alternate II completion, cement circulated from 1,556

feet depth to Surface w/ 185 sx cmt.

If Workover:

Drilling Fluid Management Plan ALT # 5-17-96
(Data must be collected from the Reserve Pit)

Operator: _____

Chloride content 44,000 ppm Fluid volume _____ bbls

Well Name: _____

Dewatering method used _____

Comp. Date _____ Old Total Depth _____

Location of fluid disposal if hauled offsite:

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBDT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

Operator Name _____

Lease Name _____ License No. _____

06-02-94 06-07-95 06-08-95
Spud Date Date Reached TD Completion Date

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

Requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Kevineth A. Norton

Title Vice President Date 08/29/95

Subscribed and sworn to before me this 29th day of August 1995.

Notary Public Lisa Unrein

Date Commission Expires 2-10-99

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
RECEIVED STATE CORPORATION COMMISSION		
SEP 07 1995		
Distribution		
<input checked="" type="checkbox"/>	KCC	Commission
<input type="checkbox"/>	KGS	Plug
<input type="checkbox"/>	SWD/Rep	NGPA
<input type="checkbox"/>		Other (Specify)

LISA UNREIN
Notary Public - State of Kansas
My Appt. Expires 2-10-99

Operator Name Kenmark Corporation

Lease Name Armbrister

Well # 1

Sec. 31 Twp. 12S Rge. 19

East
 West

County Ellis County, Kansas

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
(Attach Additional Sheets.) - See Geo. Report
Samples Sent to Geological Survey Yes No
Cores Taken Yes No
Electric Log Run Yes No
(Submit Copy.)
List All E.Logs Run:

Name	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample	
	Top	Datum
Anhydrite	1511	+ 642
Topeka	3194	-1041
Heebner Shale	3430	-1285
Toronto	3451	-1298
Lansing	3470	-1317
Base Kansas City	3711	-1558
Marmaton	3796	-1643
Arbuckle	Not Reached	
R.T.D.	3840	-1688

CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> 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#	225.76	60/40 Poz	135	3%cc2%gel
Production	7-7/8"	5-1/2"	14#	3829'	ASC	150	5%gilsonite

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type	Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
4	3796 to 3816	No Acid	

TUBING RECORD Size 2 3/8" Set At 3,810 Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SMD or Inj. 6/20/95 Producing Method Flowing Pumping Gas Lift Other (Explain)
Estimated Production Per 24 Hours Oil 130 Bbls. Gas McF Water 0 Bbls. Gas-Oil Ratio 36 Gravity

Disposition of Gas: METHOD OF COMPLETION Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Other (Specify) _____
Production Interval _____

KENMARK CORPORATION
Armbrister #1

Zones Of Interest

<u>Formation</u>	<u>Depth</u>	<u>Description</u>
Lansing "C" Zone	3506-3512	Limestone; white--fine intercrystalline porosity, spotted stain, slight show free oil in broken samples, slight odor. Included in DST #1.
Lansing "D" Zone	3521-3528	Limestone; grey with crystalline porosity, slight show of free oil, slight stain, good odor. Included in DST #1.

DST #1 Lansing C, D, E, F, G
 Times; 30" 30" 30" 30"
 Recovery; 50' Drilling Mud
 Pressures; HP 1756-1736#, SIP 305-246#, FP 39-39#, 49-49#

Lansing "G" Prime	3586-3587	Limestone; white, pinpoint porosity, show of free oil in broken samples, fair odor. Included in DST #2.
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Lansing "J" Zone	3648-3650	Limestone; white, intercrystalline porosity, slight stain, fair odor. Included in DST #2.
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Lansing "K" Zone	3664-3666	Limestone; white dense, slight stain poor odor. Included in DST #2.
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DST #2 Lansing G prime, H, I, J, K
 Times; 30" 30" 45" 60"
 Recovery; 45' oil cut gassy mud--20% gas, 20% oil, 60% mud.
 248' muddy water--60% water, 40% mud.
 Pressures; HP 1816-1736#, SIP 344-324#, FP 39-39#, 98-137#

Marmaton	3796-3810	Chert; orange, yellow, green, few pieces saturated, sand stone clusters fine grain, good show free oil, good odor. Included in DST #3.
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DST #3 Marmaton 3784-3830
 Times; 30" 30" 45" 60"
 Recovery; 2168' clean gassy oil--10% gas, 90% oil.
 62' oil cut gassy mud--20% gas, 40% oil, 40% mud.
 Pressures; HP 1986-1896#, SIP 778-778#, FP 305-452#, 501-679#

RECEIVED
STATE CORPORATION COMMISSION

SEP 6 1995

OFFICE OF THE
STATE CORPORATION COMMISSION