FORM MUST BE TYPED SIDE ONE ORIGINAL

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

CONFIDENTIAL Release MAY 05 2004 From Confidential

Operator: License # 30606

Name: Murfin Drilling Co., Inc.

Address 250 N. Water, Suite 300

City/State/Zip Wichita, KS 67202

Purchaser: Genesis

Operator Contact Person: Larry M. Jack

Phone (316) 267-3241

Contractor: Name: Murfin Drilling Co., Inc.

License: 30606

Wellsite Geologist: Curtis Covey

Designate Type of completion
X New Well ___ Re-Entry ___ Workover

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

If Workover/Re-Entry: old well info as follows:

Operator:

Well Name:

Comp. Date ___ Old Total Depth ___

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

10/11/00 Spud Date | 10/24/00 Date Reached TD | 12/28/00 Completion Date

RECEIVED KANSAS CORPORATION COMMISSION FEB 2 2001 CONSERVATION DIVISION

API NO. 15-167-23,172-0000

County Russell

NE - SW - SE - Sec. 9 Twp. 15S Rge 12W E X W

1065 S Feet from S/N (circle one) Line of Section

1735 E Feet from E/W (circle one) Line of Section

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

Lease Name Zeman LKC Unit MV "B" Well # #1

Field Name Hall Gurney

Producing Formation ~~LKC~~ Gorham, Arb

Elevation: Ground 1832' KB 1837'

Total Depth 3360' PBTD 3358'

Amount of Surface Pipe Set and Cemented at 773 Feet

Multiple Stage Cementing Collar Used? ___ Yes X No

If yes, show depth set ___ Feet

If Alternate II completion, cement circulated from 0

feet depth to ___ w/ ___ sx cmt.

Drilling Fluid Management Plan ALT I (Data must be collected from the Reserve Pit) AB

Chloride content ___ ppm Fluid volume ___ bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name ___ License No.

___ 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.

All 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 Larry M Jack

Title Larry M. Jack, Production Manager Date 1/29/01

Subscribed and sworn to before me this 29th day of January 2001

Notary Public Barbara J Dodson

Date Commission Expires 12-16-03

BARBARA J. DODSON
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 12-16-03

K.C.C. OFFICE USE ONLY
F ✓ Letter of Confidentiality Attached
C ✓ Wireline Log Received
C ✓ Geologist Report Received

Distribution
___ KCC ___ SWD/Rep ___ NGPA
___ KGS ___ Plug ___ Other (Specify)

Form ACO-1 (7-91)

✓

Operator name Murfin Drilling Co., Inc.

SIDE TWO

Sec. 9 Twp. 15 S Rge. 12 ☐ East ■ West

Lease Name Zeman LKC Unit MV "B" Well # 1

County Russell

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 (Attach Additional Sheets.) ■ Yes ☒ No

Samples Sent to Geological Survey ■ Yes ☐ No

Cores Taken ☐ Yes ■ No

Electric Log Run (Submit Copy.) ■ Yes ☐ No

List all E.Log
Dual Induction Log; Dual Compensated Neutron Density Log; Micro Log; Sonic Cement Bond Log
Geologic Report Log

☐ Log Formation (Top), Depth and Datums ☐ Sample

Name Top Datum

SEE ATTACHED

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	12¼"	8 5/8"	24#	773'	Common	300	3% cc 2% gel
Production	7.875	5 1/2"	15#	3359'	160 A	275 sx	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose: _ Perforate _ Protect Csg _ Plug Back TD _ Plug Off Zone	Depth Top/Btm	Type of Cement	# Sacks Used	Type and Percent Additives

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3254-57'; 3272-75'; 3292-94'; 3308-10'; 3346-50'	4,750 gals total 15% acid	
4	3405-08'	250 gals 15	

TUBING RECORD Size	Set At	Packer At	Liner
2 7/8"	3273.30'		☐ Yes ☐ No

Date of First, Resumed Production, SWD or Inj.	Producing Method
12/29/00	☐ Flowing ■ Pumping ☐ Gas Lift ☐ Other

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	15 Bbls	Mcf	280 Bbls.		

Disposition of Gas: **METHOD OF COMPLETION** Production Interval

☐ Vented ☐ Sold ☐ Used on Lease ☐ Open Hole ■ Perf. ☐ Dually Comp. ☐ Commingled
(If vented, submit ACO-18.) ☐ Other (Specify)

RIG #8 #1106 – Murfin Drilling Company, Inc. – Operator Spud: 5:30 p.m. 10/11/00

MV ZEMAN B #1 **MV Partners** **- 1.0000000**

SW SW SE

Sec. 9-15S-12W

Russell County, Kansas

ORIGINAL KCC CONFIDENTIAL

10/18/00 MIRT, MDC.

10/19/00 Depth: 774'. Cut: 774'. D.T.: 3-1/2 hrs. – Drilling Rat Hole. C.T.: 0 hrs. Dev.: None.

10/20/00 Drlg.: 1500'. Cut: 726'. D.T.: 8-1/2 hrs. – WOC and 1 hrs. – Mud Line. C.T.: 0 hrs. Dev.: 3/4°@774'. Ran 17 jts. 8-5/8" surface casing set @ 773'. Cement w/ 300 sx Comm, 3% cc, 2% gel. Circulated by Allied. Plug down @ 10:00 a.m., 10/19/00. Drilled out plug @ 6:30 p.m., 10/19/00.

10/21/00 Drlg.: 2370'. Cut: 870'. D.T.: 0 hrs. C.T.: 0 hrs. Dev.: None.

10/22/00 Drlg.: 2990'. Cut: 620'. D.T.: 0 hrs. C.T.: 0 hrs. Dev.: None.

10/23/00 Drlg.: 3345'. Cut: 355'. D.T.: 0 hrs. C.T.: 0 hrs. Dev.: None.

10/24/00 RTD: 3360'. Cut: 15'. D.T.: 0 hrs. C.T.: 19-1/2 hrs. Dev.: 1/2°@3360'. HC @ 8:45 a.m., 10/23/00. Logging: 11: 45 a.m. to 5:00 p.m., 10/23/00, by LogTech. Ran 80 jts. 5-1/2" production casing set @ 3359'. Cement w/ 275 sx 160A-Comj 115 AA2, by Acid Services. Plug down @ 12:30 a.m., 10/24/00. Rig released @ 2:30 a.m., 10/24/00.

	MV ZEMAN B #1	
	1065' FSL – 1735' FEL SE/4	
	Sec. 9-15S-12W	
	KB – 1837'	
FORMATION	LOG TOP	DATUM
Herington	1549	+288
Ft. Riley	1695	+142
Council Grove	1883	-46
Neva	2004	-167
Foraker	2128	-291
Penn	2261	-824
Stotler	2301	-464
Tarkio	2375	-538
Emporia	2435	-598
Bern	2505	-668
Howard	2571	-734
Topeka	2643	-806
Oread	2800	-963
Heebner	2883	-1046
Toronto	2901	-1064
Lansing A	2970	-1133
Lansing C	3009	-1172
Lansing G	3047	-1210
Lansing H	3116	-1279
Lansing I	3136	-1299
Lansing J	3152	-1315
Lansing K	3195	-1358
Lansing L	3223	-1386
Base Kansas City	3238	-1401
Gorham Sand	3257	-1420
Arbuckle	3272	-1435
RTD	3360	

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