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23 2005

KCC WICHITA

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

CONFIDENTIAL

Operator: License # 30606
Name: Murfin Drilling Company, Inc.
Address: 250 N. Water, Suite 300
City/State/Zip: Wichita, Kansas 67202
Purchaser: _____
Operator Contact Person: Tom W. Nichols
Phone: (316) 267-3241
Contractor: Name: Murfin Drilling Company, Inc.
License: 30606
Wellsite Geologist: Paul Gunzelman

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

5/13/05 5/21/05 N/A
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-039-20937-0000
County: Decatur
NE NW NW Sec. 18 Twp. 3 S. R. 26 East West
260 N feet from S / N (circle one) Line of Section
925 W feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Knumo Unit Well #: 1-18

Field Name: Wildcat
Producing Formation: LKC/Arbuckle
Elevation: Ground: 2671' Kelly Bushing: 2676'
Total Depth: 4040' Plug Back Total Depth: N/A
Amount of Surface Pipe Set and Cemented at 304 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

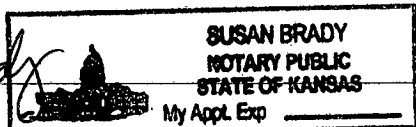
Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit) *ALT II P&A with 7-2-07*
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
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 of 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: [Signature]
Title: Tom Nichols, Production Manager Date: 6/22/05
Subscribed and sworn to before me this 21st day of June

2005
Notary Public: [Signature]
Date Commission Expires: 11-4-07



KCC Office Use ONLY
YES Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

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Side Two

ORIGINAL

Operator Name: Murfin Drilling Company, Inc. Lease Name: Knumo Unit Well #: 1-18
 Sec. 18 Twp. 3 S. R. 26 East West County: Decatur

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets)

Log Formation (Top), Depth and Datum Sample

Samples Sent to Geological Survey Yes No

Name Top Datum

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy)

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List All E. Logs Run:

Dual Induction, Compensated Porosity,
 Microresistivity

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CASING RECORD <input type="checkbox"/> New <input 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		8 5/8		304	Common	190	3% cc, 2% gel

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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

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TUBING RECORD		Size	Set At	Packer At	Liner Run
					<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method			
		<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas Vented Sold Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

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Knomo Unit #1-18 260 FNL 925 FWL Sec. 18-T3S-R26W 2676' KB							Sayles #1-13 1120 FNL 1320 FEL Sec. 13-T3S-R27W 2678' KB	
Formation	Sample top	Datum	Ref	Log Top	Datum	Ref	Log Top	Datum
Anhydrite	2228	+448	+5	2228	+448	+5	2235	+443
B/Anhydrite	2261	+415	+4	2262	+414	+3	2267	+411
Topeka	3409	-733	-1	3408	-732	Flat	3410	-732
Oread	3547	-871	-1				3548	-870
Heebner	3576	-900	-2	3576	-900	-2	3576	-898
Toronto	3605	-929	-3	3605	-929	-3	3604	-926
Lansing	3619	-943	-1	3619	-943	-1	3620	-942
BKC	3817	-1141	-3	3818	-1142	-4	3816	-1138
Arbuckle	4012	-1336	-18	4014	-1338	-20	3996	-1318
RTD	4040						4040	
LTD				4042	-1366		4042	

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ALLIED CEMENTING CO., INC.
 P.O. BOX 31
 RUSSELL, KS 67665
 PH (785) 483-3887
 FAX (785) 483-5566

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 * I N V O I C E *

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Invoice Number: 096891

Invoice Date: 05/17/05

Sold Murfin Drilling Co.
 To: 250 N. Water, St. #300
 Wichita, KS
 67202

Cust I.D.....: Murfin
 P.O. Number...: Knumo Unit1-18
 P.O. Date.....: 05/17/05

Due Date.: 06/16/05
 Terms.....: Net 30

Item I.D./Desc.	Qty. Used	Unit	Price	Net	TX
Common	190.00	SKS	10.0000	1900.00	T
Gel	4.00	SKS	14.0000	56.00	T
Chloride	7.00	SKS	38.0000	266.00	T
Handling	201.00	SKS	1.6000	321.60	E
Mileage	68.00	MILE	12.0600	820.08	E
201 sks @.06 per sk per mi					
Surface	1.00	JOB	670.0000	670.00	E
Mileage pmp trk	68.00	MILE	5.0000	340.00	E
Surface Plug	1.00	EACH	55.0000	55.00	T

All Prices Are Net, Payable 30 Days Following
 Date of Invoice. 1 1/2% Charged Thereafter.
 If Account CURRENT take Discount of \$442.87
 ONLY if paid within 30 days from Invoice Date

Subtotal: 4428.68
 Tax.....: 143.45
 Payments: 0.00
 Total....: 4572.13

*Take
 Discount*

*(PK
 00)*

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ALLIED CEMENTING CO., INC. ORIGINAL

19283

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

JUN 22 2005

SERVICE POINT:

CONFIDENTIAL

Orkley

DATE <i>5-13-05</i>	SEC <i>18</i>	TWP <i>3s</i>	RANGE <i>26w</i>	CALLED OUT	ON LOCATION <i>6:30 PM</i>	JOB START <i>9:00 AM</i>	JOB FINISH <i>9:15 PM</i>
LEASE <i>Humo Unit</i>	WELL # <i>1-18</i>	LOCATION <i>Jennings 2N 1/4 E S/S</i>			COUNTY <i>Decatur</i>	STATE <i>KS</i>	
OLD OR NEW (Circle one)							

CONTRACTOR *Murfin Drlg Rig 3*

TYPE OF JOB *Surface*

HOLE SIZE *12 1/4* T.D. *304'*

CASING SIZE *8 3/8* DEPTH *304'*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

OWNER *Same*

CEMENT AMOUNT ORDERED

190 sks Com 3% CL 2% Gel

CEMENT LEFT IN CSG. *15*

PERFS.

DISPLACEMENT *18 1/2 Bbls*

COMMON	<i>190 sks</i>	@ <i>10.00</i>	<i>1900.00</i>
POZMIX		@	
GEL	<i>4 sks</i>	@ <i>14.00</i>	<i>56.00</i>
CHLORIDE	<i>7 sks</i>	@ <i>38.00</i>	<i>266.00</i>
ASC		@	

EQUIPMENT

PUMP TRUCK CEMENTER *Dean*

191 HELPER *Wayne*

BULK TRUCK

315 DRIVER *Larry*

BULK TRUCK

DRIVER

HANDLING	<i>20 sks</i>	@ <i>1.60</i>	<i>321.60</i>
MILEAGE	<i>64 sk/mile</i>		<i>820.08</i>
TOTAL			<i>3363.68</i>

REMARKS:

Cement did circulate

Thank you

SERVICE

DEPTH OF JOB	<i>304'</i>		
PUMP TRUCK CHARGE			<i>670.00</i>
EXTRA FOOTAGE		@	
MILEAGE	<i>68 miles</i>	@ <i>5.00</i>	<i>340.00</i>
MANIFOLD		@	
RECEIVED		@	

CHARGE TO: *Murfin Drlg Co Inc*

STREET _____

CITY _____ STATE _____ ZIP _____

JUN 23 2005

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TOTAL *1010.00*

PLUG & FLOAT EQUIPMENT

<i>8 3/8 Surface Plug</i>	@	<i>55.00</i>
	@	
	@	
	@	
	@	
TOTAL		<i>55.00</i>

To: Allied Cementing Co., Inc.

You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE

Keith Van Rief

PRINTED NAME

ORIGINAL

Knomo Unit #1-18

CONFIDENTIAL

Operator: Murfin Drilling Company, Inc.

Contractor: Murfin Drilling Company, Inc.

Rig #3

Diamond Prospect #3156

260 FNL 925 FWL
Sec. 18-T3S-R26W
Decatur County, Kansas

KCC

JUN 2 2 2005

CONFIDENTIAL

Contact Person: David Doyel
Phone number: 316-267-3241
Well site Geologist: Paul Gunzelman

Call Depth: 2900'
Spud: 4:45 p.m. 5/13/05

API # 15-039-20937
Casing: 8 5/8" @ 304'

TD: 4040'

Elevation: 2671' GL
2676' KB

DAILY INFORMATION:

5/13/05 MIRT.

5/14/05 Depth 410'. Cut 410'. DT: 8 hrs. (WOC). CT: none. Dev.: 1/8°. Spud @ 4:45 p.m. 5/13/05. Ran 7 jts. = 296.99' of 8 5/8" surf. csg. set @ 304'. Cmt. w/190 sx. comm., 3% cc., 2% gel, plug down @ 9:15 p.m. 5/13/05, drilled out plug @ 5:15 a.m. 5/14/05. Circ. 5 bbls. by Allied.

5/15/05 Depth 2280'. Cut 1870'. DT: none. CT: none. Dev.: 1/2° @ 827', 1/2° @ 1802'.

5/16/05 Depth 3360'. Cut 1080'. DT: none. CT: none. Dev.: none. Drilling, Mud Vis:46, Wt: 8.6, WL: 8.8, Chlor:700 ppm, LCM: 1/2#, CMC: \$6297. Geologist on loc @ 12:30 AM, 3150' (5/15/05), Mud system displaced @ 3200'.

5/17/05 Depth 3650'. Cut 290'. DT: none. CT: 16 hrs. Dev.: 3/4° @ 3635'. TSTNG, Mud Vis:58, Wt:9.0, WL:6.8, Chlor: 700 ppm, LCM: 1/2 #, CMC: \$6717. **DST #1 3576-3635 (Toronto & Lansing "A")** 30-30-30-60, Wk surf blw throughout-IF, Wk surf blw died in 5 min. - FF, RECOVERY: 3 ft mud, HP:1778-1720, FP:20-23 & 23-24, SIP:83-111, BHT:101°. Dev: 3/4° @ 3635'. **Toronto** - Ls, Wh-v.lt gy fxln, tr ool sl withd, pr scat vug por, no odor, no fluor, fr shw blk tar O, bcm wh-crm fxln ool, sl withd, cons sec calc, n.v.p. **Lansing "A"** - Ls, Crm, fxln, sl chky, sl pyr, tr ool, occ clr-wh amor calc, pr pp & frac por, no odor, dull yel spty fluor, sl shw med brn O, tr med brn spty stn. bcm Ls, Tn, gran, occ org rem, lt gy-gn sh inc, pr intgran por, v.sl odor, no fluor, fr shw med brn O, dk brn sat stn. **DST #2 3632-3650 (Lansing "Pollnow")**, **Pollnow** - Ls, crm frag ool, fos (fus, brach) occ sec calc, fr-gd intfrag & vug por, fr odor, lt yel even fluor, gd shw med brn O, sl shw G, spty dk brn stn.

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- 5/18/05 Depth 3700'. Cut 50'. DT: none. CT: 21 ¼ hrs. Dev.: none. **DST #2 3632-3650 (Lansing "Pollnow")** 30-30-30-60, Wk surf blw-died in 8 min-IF, Wk surf blw-died in 4 min-FF, RECOVERY: 1 ft Clean Oil, 1 ft Oil Cut Mud (40%Oil, 60%Mud) HP:1812-1725, FP:14-20 & 9-12, SIP:404-248, BHT:102°F. Mud Vis:53, Wt:9.0, WL:6.8, Chlor:900 ppm, LCM:½#, CMC: \$6717. **DST #3 3631-3692 (Lansing "C-D & E")**, 30-30-30-60, Wk surf blw throughout-IF, Wk surf blw, died in 5 min-FF, RECOVERY: 5 ft Mud w/oil spots, Pressure data not computed (available later), **Lansing "C-D"** Ls, Wh-v.lt gy, frag, fos (fus), tr ool, tr pyr, occ lt gn sh inc, fr pp por, scat gd intfrag por, fr odor, spty brt yel fluor, fr shw med brn O, scat med brn stn. **Lansing "E"**- Ls, Crm-tn fxln, ool, r. org rem, cons sec calc, tr wthd, n.v.p, n/s.
- 5/19/05 Depth 3742'. Cut 42'. DT: none. CT: 21 ½ hrs. Dev.: none. Circ to cond. hole, Mud Vis:47, Wt:9.2, WL:7.2, Chlor:1200 ppm, LCM:½#, CMC: \$6717. **DST #4 3665-3712 (Lansing "G")**, 30-60-60-90, Wk blw incr to 3.5 inches-IF, Surf blw incr to 2.5 inches-FF, RECOVERY: 180' Wtry Mud (30%Wtr 70%Mud), 310' Muddy Wtr (15%Mud 85%Wtr), Chlor:52,000 ppm, Rw: .125@80° F. HP:1835-1758, FP:54-140 & 145-251, SIP:1190-1179, BHT:105° F. **Lansing "G"** Ls, Wh-crm, fxln, occ gran, v.chky & gum, tr spr calc, pr pp & intgran por, fr shw blk asph res, no odor, no fluor. **DST #5 3714-3742 (KC "H")**, 30-30-30-60, Wk blw died in 10 min.-IF, No blw-FF, RECOVERY: 3 ft. Mud, HP:1862-1819, FP: 16-18 & 17-18, SIP: 25-32, BHT: 104° F. **KC "H"**-Ls, Wh, tr wh-crm, fn-vfxln, wthd-sl chky, tr ool, r. pyr, tr pr-fr pp por, r.pr vug por, v.sl odor(crush), tr brt yel even fluor, sl shw lt brn O, tr lt brn stn.
- 5/20/05 Depth 3995'. Cut 253'. DT: none. CT: 14 hrs. Dev.: none. Drilling, Mud Vis:67, Wt:9.2, WL:7.2, Chlor:1200 ppm, LCM:2#, CMC: \$7302. **DST #6 3742-3817 (KC "I-K")**, 30-30-30-90, Wk blw incr to 1¾"-IF, Surf blw incr to 1¼"-FF, RECOVERY: 245' Wtry Mud (35%Wtr 65%Mud), Chlor:22,000 ppm, Rw: .270@80° F. HP:1838-1816, FP:20-103 & 110-157, SIP:948-885, BHT:107° F. **KC "I"**-Ls, V.lt gy-crm, frag ool, fos (fus, tr brach) wthd-sl chky, tr sec calc, pr pp & fos cast por, v.sl odor, brt yelsh-wh spty fluor, fr film shw O, v.lt brn scat stn. **KC "J"**-Ls, Wh-crm r.tn, fn-vfxln, sl chky, tr rexlzd ool, r.spr calc, tr frac, n.v.p, tr blk tar O. **KC "K"**-Ls, Wh & rd-brn mott, fxln-gran wthd, bcm crm-v.lt gy, fn-vfxln, fnly ool, rexlzd v.chky & gum, n.v.p, n/s.
- 5/21/05 RTD 4040'. Cut 45'. DT: none. CT: 18 ¾ hrs. Dev.: ¾° @ 4040'. HC @ 8:15 a.m. 5/20/05. Log Tech logged from 12:15 to 4:45 p.m. 5/20/05. Allied plugged hole w/60/40 poz., 6% gel as follows: 25 sx. @ 2230', 100 sx. @ 1550', 40 sx. @ 340', 10 sx. @ 40', 15 sx. in RH. Started @ 8:30 p.m., comp. @ 11:00 p.m. 5/20/05, orders from David Wann, KCC @ Hays. Rig released @ 3:00 a.m. 5/21/05. **FINAL REPORT.**

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 JUN 27 2005

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Knomo Unit #1-18 260 FNL 925 FWL Sec. 18-T3S-R26W 2676' KB							Sayles #1-13 1120 FNL 1320 FEL Sec. 13-T3S-R27W 2678' KB	
Formation	Sample top	Datum	Ref	Log Top	Datum	Ref	Log Top	Datum
Anhydrite	2228	+448	+5	2228	+448	+5	2235	+443
B/Anhydrite	2261	+415	+4	2262	+414	+3	2267	+411
Topeka	3409	-733	-1	3408	-732	Flat	3410	-732
Oread	3547	-871	-1				3548	-870
Heebner	3576	-900	-2	3576	-900	-2	3576	-898
Toronto	3605	-929	-3	3605	-929	-3	3604	-926
Lansing	3619	-943	-1	3619	-943	-1	3620	-942
BKC	3817	-1141	-3	3818	-1142	-4	3816	-1138
Arbuckle	4012	-1336	-18	4014	-1338	-20	3996	-1318
RTD	4040						4040	
LTD				4042	-1366		4042	