

"CONFIDENTIAL"

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

12/20/06

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 30606
Name: Murfin Drilling Company, Inc.
Address: 250 N. Water, Suite 300
City/State/Zip: Wichita, Kansas 67202
Purchaser: Eaglwing
Operator Contact Person: Susan Sears
Phone: (316) 267-3241
Contractor: Name: Murfin Drilling Company, Inc.
License: 30606
Wellsite Geologist: Kevin Davis

Designate Type of Completion:
 New Well Re-Entry Workover
 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: _____
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. _____

<u>10/2/06</u>	<u>10/13/06</u>	<u>12/8/06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-185-23389-0000
County: Stafford
SE NW NE Sec. 14 Twp. 22 S. R. 13 East West
830 N feet from S / N (circle one) Line of Section
1430 E feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Hayden Well #: 1-14
Field Name: Wildcat

Producing Formation: Arbuckle
Elevation: Ground: 1889' Kelly Bushing: 1894'
Total Depth: 3860' Plug Back Total Depth: 3832'
Amount of Surface Pipe Set and Cemented at 750 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 AHJNH 8-20-08
(Data must be collected from the Reserve Pit)

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: Susan Sears
Title: Susan Sears, Operations Engineer Date: 12/20/06
Subscribed and sworn to before me this 20th day of December
20 06
Notary Public: Susan Brady
Date Commission Expires: 11-4-07

SUSAN BRADY
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp _____

KCC Office Use ONLY

Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

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Operator Name: Murfin Drilling Company, Inc. Lease Name: Hayden Well #: 1-14
 Sec. 14 Twp. 22 S. 13 East West County: Stafford

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)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy)

Log Formation (Top), Depth and Datum Sample
 Name Top Datum

SEE ATTACHED LIST

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List All E. Logs Run:

**Dual Induction, Compensated Porosity,
 Microresistivity, Dual Receiver CBL**

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	24#	750	Common/65-35	175/250	3% cc2% g/6%g3%cc
Production		5 1/2	15.5#	3852	AA-2	200	5% Calset

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
4	3756-3769	250 gal 15% MCA	
		1700 gal 15% Ne	
4	3776-3781		

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 7/8	3770.01		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method			
12/11/06		<input type="checkbox"/> Flowing <input checked="" 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
	10	-----	-----	-----	

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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Attach to ACO-1

Hayden #1-14
Daily drilling report
Page two

- 10/9/06 cont. **DST #5 3756-3771 (Arbuckle):** 30-60-60-90. FF: GTS in 30 min. TSTM. Rec. 200' CGO (30% G, 20% O, 50% M), 70' HOCM, 270' TF, Grav. 32° @ 60°. SIP: 195-192; FP: 46/74, 82/117; HP: 1807-1747. BHT 117°.
- 10/10/06 Depth 3801'. Cut 30'. DT: ¾ hrs. (pump). CT: 22 hrs. Dev.: none. **DST #6 3771-3786 (Arbuckle):** 30-60-60-90. Rec. 1170' GIP, 240' CO, 30' HO&GCM (20% G, 20% O, 60% M), Grav. 31° @ 60°. HP: 1798-1761; FP: 29/47, 53/897; SIP: 1009-947. BHT 118°.
- 10/11/06 Depth 3816'. Cut 15'. DT: 1 hr. (pump). CT: 22 ½ hrs.. Dev.: none. **DST #7 3786-3801 (Arbuckle):** 30-60-30-90. Rec. 10' OCM. SIP: 918-606. BHT 112°. **DST #8 3801-3816 (Arbuckle):** 30-60-60-90. Rec 45' SLOCMW (2% O, 25% M, 73% W), Chl. 28,000 ppm. HP: 1802-1749; FP: 17/25, 29/36; SIP: 1218-1190. BHT 115°.
- 10/12/06 RTD 3860'. Cut 44'. DT: none. CT: 22 ½ hrs. Dev.: 1° @ 3860'. HC @ 12:15 p.m. 10/11/06. Log Tech logged from 3:30 p.m. to 8:15 p.m. 10/11/06, LTD 3863'. Preparing to run 5 ½" prod. csg.
- 10/13/06 RTD 3860'. CT: 7 hrs. Ran 92 jts. = 3852' of 15.5# 5 ½" prod. csg. set @ 3852', Jet Star cmt. w/200 sx. AA-2, plug down @ 10:00 a.m. 10/12/06. 15 sx. in RH, 10 sx. in MH. Rig released 2:00 p.m. 10/12/06. **FINAL REPORT.**

Formation	Hayden #1-14 830 FNL 1430 FEL 1894' KB						Witt #1-14 1800 FSL 330 FEL 1881' KB	
	Sample Top	Datum	Ref	Log tops	Datum	Ref	Log tops	Datum
Anhydrite	737	+1157						
B/Anhydrite	762	+1132						
Topeka	2935	-1041	-3	2934	-1040	-2	2919	-1038
Heebner	3233	-1339	-2	3233	-1339	-2	3218	-1337
Toronto	3256	-1362	-3				3240	-1359
Douglas Sh							3254	-1373
Brown Lime	3366	-1472	-2				3351	-1470
Lansing A	3384	-1490	-3	3384	-1490	-3	3368	-1487
Stark Shale							3546	-1665
BKC	3612	-1718	-1	3608	-1714	+3	3598	-1717
Viola				3644	-1750	+9	3640	-1759
Simpson Sh							3689	-1808
Arbuckle	3741	-1847	+14	3746	-1852	+9	3742	-1861
TD	3860			3863			3836	

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Hayden #1-14

Operator: Murfin Drilling Company, Inc.
Contractor: Murfin Drilling Company, Inc.
Rig #8

Seward North Prospect #3229

830 FNL 1430 FEL
Sec. 14-T22S-R13W
Stafford County, Kansas

Contact Person: David Doyel
Phone number: 316-267-3241
Well site Geologist: Kevin Davis

Call Depth: 2500'
Spud 10/2/06 @ 2:00 p.m.
Completed: 10/13/06

API # 15-185-23389
Casing: 8 5/8" @ 750'
5 1/2" @ 3852'

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TD: 3860'

Elevation: 1889' GL
1894' KB

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DAILY INFORMATION:

10/2/06 MIRT.

10/3/06 Depth 750'. Cut 750'. DT: 1/2 hr. (WOC). CT: none. Dev.: 1/2° @ 432', 1/2° @ 750'. Spud @ 2:00 p.m. 10/2/06. Ran 18 jts. = 742.64' of 8 5/8" surf. csg. set @ 750', cmt. w/425 sx., 175 sx. comm., 3% cc, 2% gel, 250 sx. 65-35, 6% gel, 3% cc, plug down @ 6:30 am. 10/3/06, circ. 10 bbls by Allied.

10/4/06 Depth 1730'. Cut 980'. DT: 7 1/2 hrs. (WOC). CT: none. Dev.: 1° @ 1550'. Drilled out plug @ 2:30 p.m. 10/3/06.

10/5/06 Depth 2630'. Cut 900'. DT: none. CT: none. Dev.: none.

10/6/06 Depth 3435'. Cut 805'. DT: none. Ct: none. Dev.: none. **Lansing B zone:** 3411-14: ls w-lt gr micro-fn crys sl chky pr-fr isolated vug & foss cast porosity sctr lt brn stn no odor fr fluor some vug barren. **Lansing D zone:** no drlg brk ls tn-lt gr gran foss in pt generally pr porosity tr pr-fr pp porosity & pr-fr vug porosity w/spt blk tarry O vy fnt odor. **Lansing F zone:** 3451-55: 3 min. before 1-1-3-1-3, sm crm micro-vy fn crys sl chalky pr-fr isolate vug porosity sctr lt brn stn tr FO no odor sctr fluor and sm lt gr gran w/pr pp porosity w/gilsonite residue & occ blk tarry O no fluor no odor. **DST #1**

10/7/06 Depth 3631'. Cut 196'. DT: 1/4 hr. (pump). CT: 15 1/4 hrs. Dev.: 3/4° @ 3460'. **DST #1 3394-3460 (Lansing B-F zones):** 30-30-30-60. Rec. 5' Mud. HP: 1608-1591; FP: 37/37, 42/37; SIP: 108-127. BHT 105°.

10/8/06 Depth 3720'. Cut 89'. DT: none. CT: 20 3/4 hrs. Dev.: none. **DST #2 3501-3631 (Lansing H, I, J, K, L zones):** 15-45-60-90. Rec. 75' SOCM (4% O). HP: 1716-1644; FP: 78/87, 89/97; SIP: 785-726. BHT 110°. **DST #3 3610-3720 (Viola):** 30-45-30-45. Rec. 35' SOCM. HP: 1766-1731; FP: 70/78, 77/80; SIP: 165-175. BHT 109°.

10/9/06 Depth 3771'. Cut 51'. DT: 1/4 hr. (cat head). CT: 22 hrs. Dev.: none. **DST #4 3693-3756 (Arbuckle):** 30-60-60-90. Rec. 770' GIP, 100' CGO, 90' HO&GCM (20% G, 30% O, 50% M), 60' HO&GCM (25% G, 15% O, 60% M), 250' TF. Grav. 32° API, @ 60°. HP: 1770-1746; FP: 69/97, 110/132; SIP: 790-683. BHT 114°. **DST #5 3756-3771 (Arbuckle):** 30-60-60-90.

- 10/9/06 cont. **DST #5 3756-3771 (Arbuckle):** 30-60-60-90. FF: GTS in 30 min. TSTM. Rec. 200' CGO (30% G, 20% O, 50% M), 70' HOCM, 270' TF, Grav. 32° @ 60°. SIP: 195-192; FP: 46/74, 82/117; HP: 1807-1747. BHT 117°.
- 10/10/06 Depth 3801'. Cut 30'. DT: ¾ hrs. (pump). CT: 22 hrs. Dev.: none. **DST #6 3771-3786 (Arbuckle):** 30-60-60-90. Rec. 1170' GIP, 240' CO, 30' HO&GCM (20% G, 20% O, 60% M), Grav. 31° @ 60°. HP: 1798-1761; FP: 29/47, 53/897; SIP: 1009-947. BHT 118°.
- 10/11/06 Depth 3816'. Cut 15'. DT: 1 hr. (pump). CT: 22 ½ hrs.. Dev.: none. **DST #7 3786-3801 (Arbuckle):** 30-60-30-90. Rec. 10' OCM. SIP: 918-606. BHT 112°. **DST #8 3801-3816 (Arbuckle):** 30-60-60-90. Rec 45' SLOCMW (2% O, 25% M, 73% W), Chl. 28,000 ppm. HP: 1802-1749; FP: 17/25, 29/36; SIP: 1218-1190. BHT 115°.
- 10/12/06 RTD 3860'. Cut 44'. DT: none. CT: 22 ½ hrs. Dev.: 1° @ 3860'. HC @ 12:15 p.m. 10/11/06. Log Tech logged from 3:30 p.m. to 8:15 p.m. 10/11/06, LTD 3863'. Preparing to run 5 ½" prod. csg.
- 10/13/06 RTD 3860'. CT: 7 hrs. Ran 92 jts. = 3852' of 15.5# 5 ½" prod. csg. set @ 3852', Jet Star cmt. w/200 sx. AA-2, plug down @ 10:00 a.m. 10/12/06. 15 sx. in RH, 10 sx. in MH. Rig released 2:00 p.m. 10/12/06. **FINAL REPORT.**

Hayden #1-14 830 FNL 1430 FEL 1894' KB							Witt #1-14 1800 FSL 330 FEL 1881' KB	
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Toronto	3256	-1362	-3				3240	-1359
Douglas Sh							3254	-1373
Brown Lime	3366	-1472	-2				3351	-1470
Lansing A	3384	-1490	-3	3384	-1490	-3	3368	-1487
Stark Shale							3546	-1665
BKC	3612	-1718	-1	3608	-1714	+3	3598	-1717
Viola				3644	-1750	+9	3640	-1759
Simpson Sh							3689	-1808
Arbuckle	3741	-1847	+14	3746	-1852	+9	3742	-1861
TD	3860			3863			3836	

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Hayden #1-14
Completion Report
Section 14-22S-13W
Stafford County, KS

- 10/12/06 MDC Rig #8, on location 94 jts, 5 1/2" 15.5#, 8rd LT&C Rge 3 new Lida csg. Log-Tech ran Daul Induction w/GR, Comp. Neut. Den., Sonic, Micro logs. Rig TIH w/ bit to btm, circ & condition hole f/1hr, Scott's Welding Service welded on 80' rotating csg scratchers across pay zones. Francis Csg Crew's on location. Drifted 5 1/2" csg prior to running, TOH w/Drill pipe, drill collars & bit. Installed 8 5/8" x 5 1/2" skinner 2000# WP slip type head. RU Csg tongs, TIH w/ 1 - 5 1/2" x 19.87' shoe jt w/guide shoe, 91 jts 5 1/2" 15.5# 8rd LT&C Rge 3 New Lida Csg. O.A. Total pipe ran 3852', IR latch down insert @ 3832' guide shoe @ 3852', centralizers installed on jts 1,3,5,7,9,11,13,17,19 dropped ball broke circ. Hooked up rotating head start circ. f/5 mins, start rotating 5 1/2" csg & continued circ f/1 hr. RU Jet Star Energy Services, pumped 20 Bbbls salt flush, 12 Bbbls super flush 5 Bbbls H2O spacer @ 5 bpm rate. Mix & pumped 200 sks AA2, w/5% Calset, .3% friction reducer, .1% Defoamer .8% FLA-322, 10% salt, .75 gas block, 5#/sks Gilsonite, 5 bpm, 200# start displacement w/CC-1 wtr, 6 bpm 0#, 73 Bbbls out start lifting cmt 6 bpm 500#, slow rate, 4 bpm, landed plug 92 Bbbls out pres. To 1500#, release pres. Held OK., mix & pumped 25 sks 60/40 poz. Plugged rat & mouse hole, good returns thru out cmt job. Plug down @ 10:00 a.m., installed 5 1/2" slips & packed off head job complete.
- 10/19/06 Perf Tech ran Dual Receiver Cement Bond Log LTD 3826', Insert @ 3832'. Top of cmt @ 2776' Good cement bond.
- 11/02/06 MIRU MDC #448. RU 5 1/2" csg swab, swab down to 3400', SDON.
- 11/03/06 Paul's Oilfield Service hauled in & unloaded 130 jts 2 7/8" tbg from Russell Warehouse. RU Perf-Tech TIH fl level @ 3300', Perforate Arb @ 3756-69' 4 spf (EHSC), show of oil on gun. TIH w/ X-Pert 5 1/2" Model R pkr, SN, tbg sub, 120 jts 2 7/8" tbg set Pkr @ 3749', RU tbg swab, TIH w/ swab 3349 FTF, 400 FI tbg, 100' oil, 300' wtr. Rig down lay pole over, Rig crew found hole in sand line sheave on crown, rig crew took sheave off, to be replaced Monday. SDOWE.
- 11/06/06 Perfs Arb 3756-69', model R pkr set @ 3749', TIH w/ tbg swab check weekend fill up. 2100 FTF, 1649 FI tbg all oil, swab down to 3749' rec 9.84 Bbbls, start 1st hr test 4 PPH, 20 FPP, 80% oil rec .46 Bbbls, 2nd hr 4 PPH, 15 FPP 95% oil rec .25 Bbbls. RU Allied Acid spot & treat w/250 gals 15% MCA 3% solvent, 1% surfactant. Displace w/lease water. Stage @ 100# in 1 1/2 hrs stage in .75 Bbl Acid. Shut in to let Acid soak overnight. SDON.
- 11/07/06 Perfs Arb 3756-69', model R pkr set @ 3749', Acidize day before w/250 gals 15% MCA shut in w/ 1 bbl acid out, next a.m. TIH w/ tbg swab 325 FTF = 1.88 Bbbls. Total of 2.88 Bbbls Acid out, RU Brackeen Tank Service w/ high pressure pump. Displace w/4 bbl lease water stage f/ 4 1/2 hrs up to 700# total of 6.88 Bbbls out, total load 29 Bbbls. TIH w/ tbg swab fl @ surface. Swab down to 3749' rec 27.84 Bbbls of 29 bbl load very good show light gassy oil. 42% oil, release pkr flush acid off ann. Reset pkr swab down, SDON.
- 11/08/06 Perfs Arb 3756-69', Model R pkr set @ 3749', TIH w/ tbg swab check overnight fill up. 3049 FTF, 700 FI tbg all oil, swab down to 3749' rec 5.8 bbls 1st hr 4 PPH, 150 FP, 95% oil, rec 3.48 Bbbls, 2nd hr test 4 PPH, 50 FPP, 93% oil rec .87 Bbbls, 3rd hr 2 PPH, 50 FPP, rec .87 Bbbls 3rd hr 2 PPH, 50 FPP 93% oil rec .58 Bbbls. RU Allied Acid retreat w/500 gals 15% NE, 3% solvent, 1% surfactant. Displaced w/lease water, 8 Bbbls Acid out on zone took it 2 bpm @ 30#, loaded treated .20 bpm @ 1100#, 10 Bbbls acid out went to .50 bpm @ 1200#, pumped 2 bbl overflush, ISIP 1100# total load 36 Bbbls, 10 mins 600#, 20 mins 350# bled off pressure. TIH w/tbg swab, swab down to 3749', fl staying @ 3500', good show oil rec 31.32 Bbbls, start 1st hr test 4 PPH, 125 FPP, 85% oil, rec 2.50 Bbbls. SDON.
- 11/09/06 MDC #448. Perfs Arb 3756-69', model R pkr set @ 3749' TIH w/ tbg swab check overnight fill up. 3100 FTF 649 FI tbg all oil, swab down & rec 5.79 Bbbls. RU Allied Acid retreat w/1200 gals 15% NE, 3% solvent, 1% surfactant. Start 300 gals Acid, 200 gals Acid w/50 lbs salt & 50 lbs Benzoic Acid, 200 gals Acid, 200 gals Acid w/ 50 lbs salt & 50 lbs Benzoic Acid, 300 gals acid displaced w/24 bbls lease water, treated 2.50 bpm 1200#, 1st plug hit 1350# 2.50 bpm, broke back to 1100#, 2nd plug hit 1250#, broke back to 1100#, finished up 2 bbls over flush @ 1100# 2.50 bpm, ISIP 1050#, 10 mins 700#, 20 mins 350# bled back pressure total load 53 bbls, TIH w/ tbg swab, swab down to 3749' rec 36 bbls of 53 bbl load good show of oil 80%, 1st hr test 4 PPH, 150 FPP, 80% oil, rec 3.77 bbls, 2nd hr 4 pph, 125 FPP, 85% oil rec 3.19 Bbbls, 3rd hr 4 PPH, 100 FPP 70% oil rec 3.48 Bbbls, 4th hr 4 PPH, 100 FPP, 70% oil rec 2.32 Bbbls. SDON.
- 11/10/06 MDC #448. Perfs Arb 3756-69', model R pkr set @ 3749' TIH w/ tbg swab check overnight fill up. 2800 FTF 949 FI tbg 929' oil 20' wtr, swab down to 3749' rec. 5.50 Bbbls., start testing.
- | | | | | |
|--------------------|-------|---------|---------|----------------|
| 1 st hr | 4 PPH | 125 FPP | 70% oil | rec 4.06 Bbbls |
| 2 nd hr | 4 PPH | 100 FPP | 70% oil | rec 2.32 Bbbls |
| 3 rd hr | 4 PPH | 100 FPP | 70% oil | rec 2.90 Bbbls |
| 4 th hr | 4 PPH | 70 FPP | 65% oil | rec 1.74 Bbbls |
| 5 th hr | 4 PPH | 50 FPP | 65% oil | rec 1.74 Bbbls |
| 6 th hr | 4 PPH | 50 FPP | 65% oil | rec 1.74 Bbbls |
- SDOWE

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Hayden #1-14
Completion Report
Section 14-22S-13W
Stafford County, KS

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11/13/06 MDC #448. Perfs Arb 3756-69', model R pkr set @ 3749' TIH w/ tbg swab check weekend fillup. 1500 FTF, 2249 FL in tbg, 1449' oil 800' wtr = 64% oil, release pkr TOH w/ tbg & pkr, RU Perf-Tech, perforate arb 3776-81' 4 SPF (EHSC), FL level @ 3380', TD @ 3803', 23' fill up since bond log has been ran. TIH w/ X-Pert Model R pkr, SN, 2 7/8" x 4' tbg sub, 120 jts 2 7/8" tbg, 26' 2 7/8" tbg subs, set pkr @ 3772', TIH w/ tbg swab 3300 FTF, 472' FL in tbg. Swab down to 3772' rec 5.80 Bbls start 1st hr test 4 PPH, 1st run 250' 7% oil, 2nd run 200' 10% oil, 3rd run 50% oil, 4th run 65% oil, rec 4.06, when swabbing had suck & blow on annulus. Arb Perfs 3756-69' & 3776-81' are in communication. SDON.

11/14/06 MDC #448. Perfs Arb 3756-69', Arb 3776-81', model R pkr set @ 3772' Arb zones are in communication, TIH w/ tbg swab check overnight fill up. 3100 FTF, 672' FL in tbg. 472' oil, 200' wtr = 70% oil, swab down to 3772 rec 5.8 bbls start 1st hr swab test 4 PPH, 200 FPP, 65% oil, rec 6.09 Bbls. Move pkr & set @ 3749', swab both Arb zones together.

2 nd hr	4 PPH	120 FPP	65% oil	rec 2.32 Bbls
3 rd hr	4 PPH	60 FPP	65% oil	rec 1.74 Bbls
4 th hr	4 PPH	55 FPP	66% oil	rec 1.74 Bbls
5 th hr	4 PPH	55 FPP	68% oil	rec 1.45 Bbls
6 th hr	4 PPH	55 FPP	68% oil	rec 1.45 Bbls.

SDON

11/15/06 SD due to high winds.

11/16/06 MDC #448. Perfs Arb. 3756-69', Arb 3776-81', Model R pkr set @ 3749', TIH w/ tbg swab check 48 hr fill up. 2200 FTF, 1549 FL in tbg. 800' oil, 749 wtr = 52% oil, TOH w/ tbg & pkr, put on prod. Head 2 7/8" x 5 1/2", TIH w/ 2 7/8" x 15' PMA, 2 7/8" x 1.10' SN, 121 jts 2 7/8" OD EUE 8rd new tbg. SN @ 3770.01', Btm PMA @ 3786.11', SDON. Load rods @ Russell Warehouse.

11/17/06 TIH 2 1/2 x 1 1/2 x 14' RWT, SSPT, DV w/12" strainer nipple, 2' x 7/8 rod sub w/guide, 10- 7/8" rods, 80 x 3/4" rods, 69 x 7/8" rods, 10' - 6' x 7/8 rod subs, 1 1/4 x 22' P-rod w/8' liner. Spaced 12" off bottom. Hooked up wellhead connections. SDOWE. RDMO.

11/20/06 Waiting on Tank Battery.

11/29/06 Langfeld Dirt Const. built PU pad & TB pad.

12/07/06 Mai Trucking set 80 Parkersburg PU SN#28709. McDonald Tank Co., set & hooked up 1 - 10' x 15' FGGB, 2 - 12' x 10' FGST on tank grade.

12/08/06 P&S Electric ditched in Electric line & set new 15 HP motor. Ditched & laid 3" PVC LL, also hooked up siphon line from Hayden GB to Hay-Witt water tank. Also hooked up Hay-Witt water line to Fischer 3" water line. POP. (1 1/2" x 48" x 11.00)

12/09/06 Build in GB. Made 4' = 55.68 Bbls., 50% oil. Well PF

12/10/06 Started coming into stock made 5.01 BOIS

12/11/06 15.24 BO, 10.16 BW, 40% wtr, 25.40 BTF, PF @ 18% PE, 16.70 BOIS, Coming into stock @ 4/10%

12/12/06 13.36 BOIS

12/13/06 6 BO, 4 BW, 40% wtr, 10 BTF, PF @ 7% PE, 5.01 BOIS

12/14/06 9.36 BO, 6.24 BW, 40% wtr, 15.60 BTF, PF @ 12% PE

12/15/06 10.02 BOIS

12/16/06 10.02 BOIS

12/17/06 6.68 BOIS

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Customer <i>Murphy Drilling Co Inc</i>	Lease No. <i>CONFIDENTIAL</i>	Date <i>10-12-06</i>
Lease <i>Hayden</i>	Well # <i>1-14</i>	
Field Order # <i>14145</i>	Station <i>PcH</i>	Casing <i>5 1/2 15.5</i>
Type Job <i>Cement 5 1/2 L.S. New Well</i>	Depth <i>3863</i>	County <i>Stafford</i>
	Formation	State <i>KS</i>
		Legal Description <i>14-225-13W</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>5 1/2 15.5</i>	Tubing Size	Shots/Ft	<i>Cement</i>	<i>Acid</i>		RATE	PRESS	ISIP
Depth <i>3852</i>	Depth	From	To <i>200</i>	<i>AA2</i>	Pre Pad	Max		5 Min.
Volume <i>91.67</i>	Volume	From	To		Pad	Min		10 Min.
Max Press	Max Press	From	To <i>25</i>	<i>60/40 POC</i>	Frac	Avg		15 Min.
Well Connection <i>P.C</i>	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth <i>3833</i>	Packer Depth	From	To		Flush <i>H2O 91.2</i>	Gas Volume		Total Load

Customer Representative <i>Mark Robben</i>	Station Manager <i>Dave Scott</i>	Treater <i>Steve Orlando</i>
Service Units <i>118 304/457 305/572</i>		
Driver Names <i>Steve Keenan Taylor</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>2:00 Am.</i>					<i>On location - Safety Meeting</i>
					<i>Run 3852' 5 1/2 15.5# Csg</i>
					<i>Centralizers 1, 3, 5, 7, 9, 11, 13, 15, 17, 19</i>
					<i>Retate Csg</i>
<i>9:20</i>	<i>150</i>		<i>20</i>	<i>5</i>	<i>Pump 20 bbl Salt Flush</i>
<i>9:24</i>	<i>200</i>		<i>12</i>	<i>5</i>	<i>Pump 12 bbl Super Flush</i>
<i>9:26</i>	<i>200</i>		<i>5</i>	<i>5</i>	<i>Pump 5 bbl H2O Spacer</i>
<i>9:27</i>	<i>200</i>		<i>48.5</i>	<i>5</i>	<i>Pump 200#s AA-2, 570 Calset</i>
					<i>.390 Friction Reducer, .190 Defoamer,</i>
					<i>.890 FLA-322, 1.090 Salt, .750 Gas Blok,</i>
					<i>5#/sk G. lsonite</i>
<i>9:36</i>					<i>Stop - wash line - Release Plug</i>
<i>9:41</i>	<i>0</i>			<i>6</i>	<i>Start Displacement</i>
<i>9:55</i>	<i>500</i>		<i>73</i>	<i>6</i>	<i>Lift Cement</i>
<i>9:56</i>	<i>800</i>		<i>77</i>	<i>4</i>	<i>Slow Rate</i>
<i>10:00</i>	<i>1500</i>		<i>92</i>		<i>Plug Down Held</i>
					<i>KCC WICHITA</i>
					<i>Plug RA + MH - 25.5#s 60/40 POC</i>
					<i>Job Complete</i>
					<i>Thanks, Steve</i>

2814K-19-2 East - 1 South - 1/4 West - South Into



FIELD ORDER 14145

Subject to Correction

Date 10-12-06		Customer ID		Lease Hayden	Well # 1-14	Legal 14-22s-13W
C H A R G E		Murkin Drilling Co, Inc		County Stafford	State KS	Station Pratt
		Depth 3863	Formation		Shoe Joint 19.82	
		Casing 5/2 15.5'	Casing Depth 3852	TD 3863	Job Type 5/2" LS - New Well	
		Customer Representative Mark Kobbler			Treater Steve Orlando	

AFE Number	PO Number	Materials Received by X Mark J. Kobbler
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Station Code	Product Code	QUANTITY	MATERIALS, EQUIPMENT, and SERVICES USED	UNIT PRICE	AMOUNT
P	D205	200SKS	AA2		
P	D203	25SKS	60/40 P02		
			KCC		
P	C195	151Lb	FLA-322		
P	C221	939Lb	Salt		
P	C243	19Lb	Defoamer		
P	C312	141Lb	Gas Block		
P	C321	997Lb	Gilsonite		
P	C244	57Lb	Cement Friction Reducer		
P	C303	500gal	Super Flush		
P	F101	10ea	Turbolizer, 5 1/2"		
P	F171	1ea	J.R. Latch Down Plug + Baffle 5 1/2"		
P	F211	1ea	Auto Fill Float Shoe 5 1/2"		
P	C221	400Lb	Salt (Fine)		
P	C141	7gal	CC-1		
P	E100	80mi	Heavy Vehicle Mileage		
P	E101	40mi	Pickup Mileage		
P	E104	4207m	Bulk Delivery		
P	E107	225SK	Cement Service Charge		
P	R208	1ea	Casing Cement Pumper 3501-4000'		
P	R701	1ea	Cement Head Rental		
P	R702	1ea	Casing Swivel Rental		
			Discounted Price plus taxes		\$ 11055.19

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SALES OFFICE:
 100 S. Main
 Suite #607
 Wichita, Ks. 67202
 316-262-3699
 316-262-5799 FAX

SALES & SERVICE OFFICE:
 10244 NE. Hwy 61
 P.O. Box 8613
 Pratt, Ks. 67124-8613
 620-672-1201
 620-672-5383 FAX

SALES & SERVICE OFFICE:
 1700 S. Country Estates Rd.
 P.O. Box 129
 Liberal, Ks. 67905-0129
 620-624-2277
 620-624-2280 FAX

Invoice

Bill to:	5873197	Invoice	Invoice Date	Order	Station
MURFIN DRILLING Box 288 Russell, KS 67605		610081	10/12/06	14145	Pratt
<i>Longstrip</i>					
Service Description					
Cement					
		Lease	Well	Well Type	
USED FOR		Hayden	1-14	New Well	
APPROVED		AFE	PO	Terms	
				Net 30	
CustomerRep			Treater		
Mark Robben			Steve Orlando		

ID.	Description	UOM	Quantity	Unit Price	Price
D205	AA2 (COMMON)	SK	200	\$15.90	\$3,180.00 (T)
D203	60/40 POZ (COMMON)	SK	25	\$10.30	\$257.50 (T)
C195	FLA-322	LB	151	\$7.50	\$1,132.50 (T)
C221	SALT (Fine)	GAL	1339	\$0.25	\$334.75 (T)
C243	DEFOAMER	LB	19	\$3.45	\$65.55 (T)
C312	GAS BLOCK	LB	141	\$5.15	\$726.15 (T)
C321	GILSONITE	LB	997	\$0.67	\$667.99 (T)
C244	CEMENT FRICTION REDUCER	LB	57	\$6.00	\$342.00 (T)
C303	SUPER FLUSH	GAL	500	\$2.45	\$1,225.00 (T)
F101	TURBOLIZER, 5 1/2"	EA	10	\$74.20	\$742.00 (T)
F171	LATCH DOWN PLUG & BAFFLE, 5 1/2"	EA	1	\$250.00	\$250.00 (T)
F211	AUTO FILL FLOAT SHOE, 5 1/2"	EA	1	\$320.00	\$320.00 (T)
C141	CC-1, KCL SUBSTITUTE	GAL	7	\$44.00	\$308.00 (T)
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	80	\$5.00	\$400.00
E101	CAR, PICKUP OR VAN MILEAGE - 1 WAY	MI	40	\$3.00	\$120.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	420	\$1.60	\$672.00
E107	CEMENT SERVICE CHARGE	SK	225	\$1.50	\$337.50
R208	CASING CEMENT PUMPER, 3501-4000' 1ST 4 HRS ON LOC	EA	1	\$1,680.00	\$1,680.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00
R702	CASING SWIVEL RENTAL	EA	1	\$150.00	\$150.00
S100	FUEL SURCHARGE		1	\$138.19	\$138.19

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Sub Total: \$13,299.13
Discount: \$2,105.75
Discount Sub Total: \$11,193.38
Stafford County & State Tax Rate: 6.30% Taxes: \$506.46
(T) Taxable Item Total: \$11,699.84

RECEIVED

PLEASE REMIT TO Acid Services, LLC, Dept No 1131, Tulsa, OK 74182

Accounts are past due net 30 days following the date of invoice. Finance charge of 1 1/2% per month or 18% annual percentage rate will be charged on all past due accounts. Customer agrees to hold payment of any invoice, or assert any right of offset, recoupment or any other defense to payment of any invoice, on account of any right that you may now or hereafter have to payment from us, except for claims arising out of such invoice because of defects in the specific services described in such invoice. Additionally, you hereby waive any right that you may have under any state, federal or other law to assert

DEC 24 2006
KCC WICHITA

11-9-06

Allied Cementing Co., Inc
P.O. Box 31

Russell, KS 67665

* INVOICE *

Invoice Number: 104839

Invoice Date: 10/11/06

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

KCC
10/11/06
CONFIDENTIAL

COPY

Cust I.D.....: Murfin
P.O. Number...: Hayden 1-14
P.O. Date.....: 10/11/06

Due Date.: 11/10/06
Terms.....: Net 30

Item I.D./Desc.	Qty. Used	Unit	Price	Net	TX
Common	175.00	SKS	10.6500	1863.75	T
Gel	3.00	SKS	16.6500	49.95	T
Chloride	13.00	SKS	46.6000	605.80	T
ALW	250.00	SKS	9.9500	2487.50	T
FloSeal	63.00	LBS	2.0000	126.00	T
Handling	456.00	SKS	1.9000	866.40	E
Mileage	17.00	MILE	41.0400	697.68	E
456 sks @ >09 per sk per mi					
Surface	1.00	JOB	815.0000	815.00	E
Extra Footage	450.00	PER	0.6500	292.50	E
Mileage pmp trk	17.00	MILE	6.0000	102.00	E
Rubber Plug	1.00	EACH	100.0000	100.00	T

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1 1/2% Charged Thereafter.
 If Account CURRENT take Discount of 800.66
 ONLY if paid within 30 days from Invoice Date

Subtotal: 8006.58
 Tax.....: 329.68
 Payments: 0.00
 Total....: 8336.26
800.66

7535.60

Account	Unit Rig	W L	No.	Amount	Description
03600	00820		2694	8336.26	Cement S. Csg.
				(800.66)	

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ALLIED CEMENTING CO., INC.

23824

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

SERVICE POINT:

direct Bend

DATE <u>10-3-06</u>	SEC <u>14</u>	TWP <u>22</u>	RANGE <u>13 W</u>	CALLED OUT <u>1:30 PM</u>	ON LOCATION <u>3:30 PM</u>	JOB START <u>3:30 PM</u>	JOB FINISH <u>2:00 PM</u>
LEAD <u>Hayden</u>	WELL# <u>1-14</u>	LOCATION <u>281+KIP Hwy 2E 1s 20 5/8</u>	COUNTY <u>Stoddard</u>	STATE <u>K.C.</u>	<p>DEC 2 2006 CONFIDENTIAL</p>		
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR Murfin Rig 8

TYPE OF JOB Surface

HOLE SIZE 12 1/4" T.D. DEPTH 750 #

CASING SIZE 8 5/8" DEPTH 750 #

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 40 #

PERFS. _____

DISPLACEMENT 44 bbl

EQUIPMENT _____

OWNER _____

CEMENT AMOUNT ORDERED 250 # 65 1/2 gal 32 cc
175 # Common 32 cc 22 gal

PUMP TRUCK CEMENTER Mike M.

181 HELPER Brandon R.

BULK TRUCK # 344 DRIVER Kevin D.

BULK TRUCK # 341 DRIVER Marlyn S.

COMMON	<u>175 #</u>	@	<u>10.65</u>	<u>1863.75</u>
POZMIX		@		
GEL	<u>3 #</u>	@	<u>16.65</u>	<u>49.95</u>
CHLORIDE	<u>13 #</u>	@	<u>46.60</u>	<u>605.80</u>
ASC		@		
ALW	<u>250 #</u>	@	<u>9.95</u>	<u>2487.50</u>
FROSEAL	<u>63 #</u>	@	<u>2.00</u>	<u>126.00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>45 bbl</u>	@	<u>1.90</u>	<u>866.40</u>
MILEAGE	<u>45 bbl</u>	@	<u>1.70</u>	<u>697.68</u>
TOTAL				<u>6697.08</u>

REMARKS:

Circulate Hole with Pig mud Pump. Mix Cement + Release Plug Displace Plug Down with water

Cement did Circulate to Surface

SERVICE

DEPTH OF JOB	<u>1750 #</u>			
PUMP TRUCK CHARGE				<u>815.00</u>
EXTRA FOOTAGE	<u>450</u>	@	<u>.68</u>	<u>292.50</u>
MILEAGE	<u>17</u>	@	<u>6.00</u>	<u>102.00</u>
MANIFOLD		@		
		@		
		@		
TOTAL				<u>1209.50</u>

CHARGE TO: Murfin Drilling

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

<u>1-8 5/8 Rubber Plug</u>	@	<u>100.00</u>	<u>100.00</u>
	@		
	@		
	@		
	@		
TOTAL <u>100.00</u>			

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 Larry Pickner

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KCC WICHITA

PRINTED NAME LARRY PICKNER

12/20/08



MURFIN
DRILLING
CO., INC.



CONTRACTORS AND PRODUCERS

KCC
DEC 19 2006
CONFIDENTIAL

December 20, 2006

Kansas Corporation Commission
Conservation Division
130 S Market, Room 2078
Wichita, Ks 67202

Re: **Confidential Filing** : ACO-1
API #15-185-23389-0000
Hayden 1-14

Attn: Rick Hesterman

Dear Rick:

Please find following the above referenced confidential filing for the Hayden 1-14.
We have requested that this information be kept confidential for a two year period.

Let me know if you need any further information on this.

Sincerely,

A handwritten signature in cursive script that reads "Sue Brady". The signature is written in black ink and is positioned above the printed name.

Sue Brady
Production Assistant

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