

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONFIDENTIAL

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: Brad Rine

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. _____

6/1/06 6/8/06 7/6/06
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 163-23534-0000
County: Rooks

Sec. 4 Twp. 9 S. R. 18 East West
1770 N feet from S / N (circle one) Line of Section
500 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: Mosher Farms Well #: 1-4
Field Name: Carmichael
Producing Formation: LKC
Elevation: Ground: 2016' Kelly Bushing: 2021'
Total Depth: 3550' Plug Back Total Depth: 3525
Amount of Surface Pipe Set and Cemented at 220 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1429 Feet
If Alternate II completion, cement circulated from 1429
feet depth to surface w/ 150 sx cmt.

Drilling Fluid Management Plan AH II NH 8-27-08
(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: 8/25/06
Subscribed and sworn to before me this 25th day of August,
2006.
Notary Public: Susan Brady
Date Commission Expires: 11-4-07

SUSAN BRADY
NOTARY PUBLIC
STATE OF KANSAS
My Appl. 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: Mosher Farms Well #: 1-4
 Sec. 4 Twp. 9 S. R. 18 East West County: Rooks

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Dual Induction, Compensated Porosity, Microresistivity	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum SEE ATTACHED LIST <div style="text-align: right;"> KCC AUG 25 2006 CONFIDENTIAL </div>
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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	24#	220	Common	160	3% cc, 2% gel
Production		5 1/2	15.5#	3546	AA2	150	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	0-1429	A-Con	175	1/4# per sxs flocele

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
4	3285-90, 3276-80	750 gal 15% MCA	
		1000 gal 15% NeFe	

TUBING RECORD		Size	Set At	Packer At	Liner Run		
		2 3/8	3413.12		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	RECEIVED AUG 28 2006 KCC WICHITA	
Date of First, Resumerd Production, SWD or Enhrr. 7/7/06			Producing Method				
			<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		
	60	----	5	-----			

Disposition of Gas Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled _____
(If vented, Submit ACO-18.) Other (Specify) _____

- 6/7/06 Depth 3520'. Cut 45'. Dt: none. CT: 22 ½ hrs. Dev.: none. **DST #5 3475-3490 (Arb):** 30-45-15-60. IF: wk surface blow throughout. FF: no blow. Rec. 5' M (N.S.) HP: 1682-1643; FP: 15/21, 19/23; SIP: 57-47. BHT 100°. RTD 3550'. HC @ 7:30 a.m.
- 6/8/06 RTD 3550'. Cut 30'. DT: none. CT: 23 hrs. Dev.: ¼° @ 3550'. Ran 84 jts. of 5 ½' prod. csg. set @ 3546', cmt. w/150 sx. AA-2, plug down @ 2:30 a.m. 6/8/06 by Jet Star. Polt collar @ 1429', 15 sx. in RH, 10 sx. in MH. Rig released @ 6:30 a.m. 6/8/06. FINAL REPORT.

Mosher Farms #1-4 1700 FNL 500 FWL Sec. 4-T9S-R18W 2021' KB							Mosher-Simon Unit #1-4 2500 FNL 900 FWL Sec. 4-T9S-R18W 2002' KB	
Formations	Sample Tops	Datum	Ref	Log Tops	Datum	Ref	Log Tops	Datum
Anhydrite	1405	+616	+16	1402	+619	+19	1402	+600
B/Anhydrite	1440	+581	+15	1438	+583	+17	1436	+566
Topeka	2936	-925	-3	2944	-923	-1	2924	-922
Heebner	3156	-1135	-3	3153	-1132	Flat	3134	-1132
Toronto	3176	-1155	-3	3174	-1153	-1	3154	-1152
Lansing	3197	-1176	-4	3194	-1173	-1	3174	-1172
BKC	3413	-1392	Flat	3410	-1389	+3	3394	-1392
Arbuckle	3468	-1447	-5	3458	-1437	+5	3444	-1442
TD	3550			3548			3520	

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Mosher Farms #1-4 – Pipe Job

PBTD

6/07&08 RTD 3550', LTD 3548'. Francis csg crew drifted 87 jts new LS Midwestern Pipeworks 5 1/2", 15.5 PPF, LTC range 3 csg. MDC Rig 8 TIH w/20.26 shoe jt & float shoe w/latch dwn insert & 83 jts 5 1/2", 15.5 PPF csg. Tagged btm @ 3550'. Set btm float shoe 3546.10', insert 3524.84', port collar 1429.66' w/1 basket below port collar. Circ & rotated 1 hr prior to cementing. RU Jet Star. Pumped 3 BFW, 12 bbl mud flush, 3 BFW, 150 sacks AA2 cement. Displaced cmt w/84 BFW. Rotated to within 10 bbl of landing plug. Plug dwn @ 2:15 A.M. @ 1400#, 700# over lift pressure. Released pressure. Float held, good circulation when cementing. Cellar stayed full. Landed csg in slips & packed off csg head. Centralizers: 1514, 2667, 2926, 3054, 3182, 3269, 3354, 3439, 3482, 3524. Scratchers: 3188, 3203, 3232, 3242, 3275, 3305.

6/13/06 Brought 8 5/8" to surface. Backfilled cellar & leveled location. RU Perf Tech & Portable Mast. Ran Cement Bond Log: LTD 3513', Port collar 1426', top cement 2750'.

6/15/06 Waiting on completion rig.

Mosher Farms #1-4 – Completion – Day 1

6/20/06 RIH w/PC tool & 2 3/8" tbg. Found port collar 1426'. RU Jet Star. Pressure test to 1000#, held. Opened port collar. Pumped 175 sacks A-con to circ cmt to surface. Witnessed by Roger Moses w/KCC. Closed port collar. Tried to pressure test. Jet Star pump would not pump. Worked w/for 40 min trying to get pump to pump. Pressured to 700#, held. Ran tbg to 1596'. Circ clean w/20 BFW. TOH w/tbg & P.C. tool SDON. Est cost \$10,821.

Mosher Farms #1-4 – Completion – Day 2

6/21/06 S/D csg to 2900'. RU Perf Tech. FL 2950'. Perforated 3285-90 "G" & 3276-80 "F", 4 SPF, EHSC. Fluid level stayed at 2950', no show on gun. TIH w/T.S. plug & cst pkr. Set plug 3336', set pkr 3282'. Isolating 3285-91 "G". RIH w/swab. Tagged fluid 2875', swabbed dry. Released pkr & ran dwn to 3292'. Tagged fluid 2950' = 341' FIH. RU Kansas Acid. Dumped 2 1/2 bbl 15% MCA dwn tbg to spot acid across perf. Reset pkr 3282'. Pumped remainder of 250 gal 15% MCA. Took 14 bbl to load. Started 1/2 BPM vac, end 3/4 BPM vac. Displaced acid w/13 BW, 19 BTL. Let set 15 min. Tagged fluid, 1750' f/surface. S/D to 2975' = 300' FIT, rec 11 BTF, show of oil. Released pkr. Swabbed acid off backside. Reset pkr. SDON. Est cost \$20,489.

Mosher Farms #1-4 – Completion – Day 3

6/22/06 Plug 3336', pkr 3282', isolating 3285-91 "G". Tagged fluid 2625' = 657' FIT, 350' overnight fillup, all oil. S/D to 2850' = 407' FIT, rec. 3.51 BTF (5 short of ld). \approx
1 hr test, 6 PPH, FL 2850' = 432' FIT, rec 7.02 BTF, 95% oil.
2nd test, 6 PPH, FL 2975' = 307' FIT, rec 5.85 BTF, 95% oil, 6/10% fines.
3rd test, 6 PPH, FL 3050' = 232' FIT, rec 3.51 BTF, 97% oil, 1/10% fines.
4th hr test, 6 PPH, FL 3050' = 232' FIT, rec 3.51 BTF, 97% oil, 1/10% fines.
Moved tools. Plug to 3282', set pkr 3264' isolating 3276-80. RIH w/swab. Tagged fluid @ 3000', 2nd pull dry. Let set 15 min. Pulled 10', let set 30 min, pulled 15' all oil. SDON. Est cost \$22,939.

Mosher Farms #1-4 – Completion – Day 4

6/23/06 Plug 3282', pkr 3264', isolating 3276-80. RIH w/swab. Tagged fluid 3050' = 214' FIT, 214' overnight fillup, 175' oil on top, 81% oil. 2nd pull rec 50'. 3rd pull dry. Released pkr & ran dwn to 3282'. Tagged fluid 3070' = 212' FIH. RU Kansas Acid. To treat w/250 gal 15% MCA. Dumped 2 bbl 15% MCA dwn tbg to spot acid across perf. Reset pkr 3264'. Treated w/250 gal 15% MCA. Displaced acid w/13 BW, loaded w/14.6 bbl. Start 1/4 BPM, vac, end 3/4 BPM, vac. 19 BTL. Let set 15 min. Tagged fluid 1850'. S/D to 3000' = 264 FIT, rec 8.19 BTF, 11 short of load.
1 hr test 6 PPH, FL 3150' = 100' FIT, rec 1.17 BTF, 40% oil, 8/10% fines
2nd hr test, 6 PPH, FL 3175' = 90' FIT, rec 1.17 BTF, 40% oil, 4/10% fines.
3rd hr test, 6 PPH, FL 3175' = 90' FIT, rec 2.34 BTF, 40% oil, 4/10% fines.
Released pkr & ran dwn to 3282'. Swabbed acid off plug. Moved tools. Plug 3336', pkr 3264', isolating 3285-91 & 3276-80. Tagged fluid 2975' = 289' FIT. S/D to 3000', rec 4.68 BTF, 95% oil. SDOWE. Est cost \$26,760.

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Mosher Farms #1-4 – Completion – Day 5

6/26/06 Plug 3336', pkr 3264', isolating 3285-91 & 3276-80. Tagged fluid 2700' = 564' FIT, 300' weekend fillup, all oil. S/D to 2950' = 314' FIT, rec 9.36 BTF, 95% oil. RU Kansas Acid. Treated w/500 gal 15% NE FE, 4 bbl 150# rock salt plug, 500 gal 15% NE-FE. Took 23 bbl to load, 2 3/4 BPM, 700# w/plug on btm, 2 3/4 BPM 900#, breaking back to 800#. Displaced w/15 BW 2 3/4 BPM 800#, ISIP 250#, 1 min vac. 43 BTL. Let set 30 min. Tagged fluid 2100' = 1164' FIT. S/D to 2850' = 414' FIT, rec 16.38 BTF.
1 hr test, 6 PPH, FL 2900' = 364' FIT, rec 7.02 BTF, 60% oil, 20 short of load.
2nd hr test, 6 PPH, FL 2900' = 364' FIT, rec 7.02 BTF, 90% oil.
3rd hr test, 6 PPH, FL 2900' = 364' FIT, rec 5.85 BTF, 80% oil.
4th hr test, 6 PPH, FL 2950' = 314' FIT, rec 5.85 BTF, 80% oil.
SDON. Est cost \$33,025.

Mosher Farms #1-4 – Completion – Day 6

6/27/06 Plug 3336', pkr 3264', isolating 3285-91 & 3276-80. Tagged fluid 2750' = 514' FIT, 200' overnight fillup. 1st pull all oil.
1 hr test 6 PPH, FL 2900' = 364' FIT, rec 7.02 BTF, 90% oil.
2nd hr test 6 PPH, FL 2950' = 314' FIT, rec 5.85 BTF, 90% oil. TOH w/tbg & tools. RIH w/new 2 3/8 x 3' perforated sub, new 2 3/8" SN, 5 jts 2 3/8" tbg, new 5 1/2 x 2 3/8" Elder AC, 103 jts 2 3/8" tbg. Btm perforated sub 3416.22', SN 3413.12', AC 3250.99' set w/10" stretch 10,000# tension. SDON. Est cost \$35,175.

Mosher Farms #1-4 – Completion – Day 7

6/28/06 RIH w/new 2 x 1 1/2 x 12' RWTC pump, brass PT, reg steel bbl, SV, 4' SMP, 2' x 3/4" sub, 136 - 3/4" rods, 4' x 3/4" sub, 1 1/4 x 16' PR w/6' liner. Longstroked, have strong blow. Clamped off PR. Assembled wellhead connections. RDMO #396. Built tank battery & pumping unit pads. Est cost \$36,875.

Mosher Farms #1-4 – Completion – Day 8

6/29/06 Sanded tank battery pad & hauled 2 lds to well.

Mosher Farms #1-4 – Completion – Day 9

6/30 Hess Services set new fiberglass GB (10x15, 210 bbl), 2 new WS stock tanks (12x10, 200 bbls). Hooked up tanks. Emptied swab tank & pumped in GB w/3 gal demulsifier.

Mosher Farms #1-4 – Completion – Day 10

7/03/06 Set new KBK 12 x 10 fiberglass salt water tank.

Mosher Farms #1-4 – Completion – Day 11

7/05/06 Set & assembled 114 American unit. Hung unit onto PR & sanded in unit.

7/06/06 Ditched, layed & backfilled 840' 2" PVC Sch 40. Hooked up to well & GB. Ditched, layed & backfilled 1050' electric line. Aquilla hooked up meter. Set new 15 hp motor & control panel. POP. Suck & blow. Let dwn to tap btm, got to pump. 6.74x54x1.5. 85 JTF, 2686 FTF, 726' FAP.

7/07/06 6.74x54x1.5, 95 BO, trace BW, 0% WTR, 95.00 TF, NPF, 100% PE, 43.42 BOIS/1 well.

7/08/06 6.74x54x1.5, 72 BO, trace WTR, NPF, 76% PE, 70.14 BOIS/1 well, on 24 hrs.

7/09/06 55 BOIS/1 well. (3)C-120 belts burnt off due to heavy rains. Installed new belts & POP.

7/10/06 8.35 BOIS/1 well. Belts burnt off again due to 2 1/2" rain overnight. Installed new belts & POP.

7/11/06 6.74x54x1.5, 68.40 BO, 3.60 BW, 5% WTR, 72.00 BTF, NPF, 76% PE, 60.12 BOIS/1 well. 24 hrs on.

7/12/06 6.74x54x1.5, 55.80 BO, 6.20 BW, 10% WTR, 62.00 BTF, PF, 65% PE. 24 hrs on.

7/12 55.11 BOIS/1 well

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**Mosher Farms #1-4
Completion Report
Section 4-9S-18W
Rooks County, KS**

7/13 6.74x54x1.5, 44.04 BO, 6.01 BW, 12% WTR, 50.05 TF, YPF, 53% PE, 43.42 BOIS/1 well.

7/14/06 6.74x54x1.5, 38.85 BO, 6.86 BW, 15% WTR, 45.71 BTF, YPF, 48% PE, 37.57 BOIS/1 well.

7/15/06 6.74x54x1.5, 36.57 BO, 9.14 BW, 20% WTR, 45.71 TF, YPF, 48% PE, 33.40 BOIS/1 well.

7/16/06 6.74x54x1.5, 31.03 BO, 12.07 BW, 28% WTR, 43.10 TF, YPF, 45% PE, 30.89 BOIS/1 well.

7/17/06 6.74x54x1.5, 32.40 BO, 7.60 BW, 19% WTR, 40 TF, PF, 42% PE, 32.56 BOIS/1 well.

7/18/06 6.74x54x1.5, 33.19 BO, 4.96 BW, 13% WTR, 38.15 TF, PF, 40% PE, 33.40 BOIS/1 well.

7/19/06 6.74x54x1.5, 27.88 BO, 4.17 BW, 13% WTR, 32.05 TF, PF, 33% PE, 29.22 BOIS/1 well.

7/20/06 6.74x54x1.5, 33.79 BO, 5.50 BW, 14% WTR, 39.28 TF, PF, 41% PE, 30.06 BOIS/1 well.

7/21/06 6.74x54x1 ½, 30 BO, 2.60 BW, 8% WTR, 32.60 TF, PF, 34% PE, 26.72 BOIS/1 well.

7/22/06 6.74x54x1 ½, 30.88 BO, 2.32 BW, 7% WTR, 33.20 TF, PF, 35% PE, 30.06 BOIS/1 well.

7/23/06 6.74x54x1 ½, 27.06 BO, 3 BW, 10% WTR, 30.06 TF, PF, 31% PE, 26.72 BOIS/1 well.

7/24/06 6.74x54x1 ½, 26.57 BO, 2 BW, 7% WTR, 28.57 TF, PF, 30% PE, 26.72 BOIS/1 well.

7/25/06 6.74x54x1 ½, 24.30 BO, 2.40 BW, 9% WTR, 26.70 TF, 28% PE, 23.38 BOIS/1 well.

7/26/06 6.74x54x1 ½, 27.15 BO, 1.42 BW, 5% WTR, 28.57 TF, PF, 30% PE, 28.39 BOIS/1 well.

7/27/06 6.74x54x1 ½, 28.57 TF, 5% WTR, 27.15 BO, 1.42 BW, 30% PE, 25.88 BOIS/1 well.

7/28/06 6.74x54x1 ½, 29.25 BO, 2.89 BW, 9% WTR, 32.14 TF, PF, 33% PE, 24.21 BOIS/1 well.

7/29/06 6.74x54x1.5, 26 BO, 2.57 BW, 9% WTR, 28.57 TF, PF, 28% PE, 25.88 BOIS/1 well.

7/30/06 6.74x54x1 ½, 26.29 BO, 2.28 BW, 8% WTR, 28.57 TF, 28% PE, 23.38 BOIS/1 well.

7/31/06 6.74x54x1 ½, 24.92 BO, 5.10 BW, 17% WTR, 30.02 TF, 31% PE, PR, 24.21 BOIS/1 well.

8/1/06 6.74x54x1 ½, 25.72 BO, 2.85 BW, 10% WTR, 28.57 TF, PF, 28% PE, 23.38 BOIS/1 well. Balanced unit.

8/2/06 6.74x54x1 ½, 27.62 BO, 2.73 BW, 9% WTR, 30.35 TF, PF, 31% PE, 25.05 BOIS/1 well.

8/3/06 6.74x54x1 ½, 25.15 BO, 3.42 BW, 12% WTR, 28.57 TF, PF, 28% PE, 23.38 BOIS/1 well.

Final Report

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Mosher Farms #1-4

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

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Boxelder Prospect #3061

Contact Person: Scott Robinson
Phone number: 316-267-3241
Well site Geologist: Brad Rine

1770 FNL 500 FWL
Sec. 4-T9S-R18W
Rooks County, Kansas

Call Depth: 2500'
Spud: 6/1/06 @ 8:15 a.m.
Completed: 6/8/06

API #: 15-163-23534
Casing: 8 5/8" @ 220'
5 1/2" @ 3546'

TD: 3550'

Elevation: 2016' GL
2021' KB

DAILY INFORMATION:

- 5/31/06 Start MIRT late today. Will spud tomorrow.
- 6/1/06 Will spud this morning.
- 6/2/06 Depth 1390'. Cut 1390'. DT: 8 hrs. (WOC). CT: none. Dev.: 1/2° @ 220'. Spud @ 8:15 a.m. 6/1/06, ran 5 jts. = 212.44' of 8 5/8" surf. csg. set @ 220', cmt. w/160 sx. comm., 3% cc, 2% gel, plug down @ 1:15 p.m., drilled out @ 9:15 p.m. 6/1/06, circ. 10 bbls by Allied.
- 6/3/06 Depth 2670'. Cut 1280'. DT: none. CT: none. Dev.: 3/4° @ 1605'.
- 6/4/06 Depth 3260'. Cut 590'. DT: none. CT: 7 1/4 hrs. Dev.: 3/4° @ 3260'. **DST #1 3151-3260 (Tor, Lan A B C D zones):** 30-60-60-90. IF: wk 1/4" blow throughout. FF: non blow first 10 min., then wk surf. blow. Rec. 60' OCM (15% O, 85% M). HP: 1502-1477. FP: 20/32, 36/49. SIP: 535-507. BHT 97°.
- 6/5/06 Depth 3305'. Cut 45'. DT: 1 1/2 hrs. (cut drlg line). CT: 21 hrs. Dev.: none. **DST #2 3260-3305 (Lan E F G zones):** 30-60-60-90. IF: wk blow building to 2". FF: wk blow building to 1/2". Rec. 100' GIP, 140' TF, 60' CO (grav. 37°), 80' G & OCM (10% G, 30% O, 60% M). HP: 1550-1526. FP: 26/52, 54/77; SIP: 234-233. BHT 98°.
- 6/6/06 Depth 3475'. Cut 170'. DT: none. CT: 17 3/4 hrs. Dev.: none. **DST #3 3312-3420 (Lan H I J K L):** 30-60-30-60. IF: wk surf. blow throughout. FF: no blow. Rec. 20' SLOCM (6% O, 94% M). HP: 1593-1551; FP: 20/28, 31/38; SIP: 908-857. BHT 98°. **DST #4 3444-3475 (Cong, Arb):** 30-30-15-60. IF: wk surface blow died in 4 min. FF: no blow. Rec. 5' OCM (10% O). HP: 1659-1592; FP: 15/18, 18/18; SIP: 32-36. BHT 99°/

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Mosher Farms #1-4
Daily drilling report
Page two

6/7/06 Depth 3520'. Cut 45'. Dt: none. CT: 22 ½ hrs. Dev.: none. **DST #5 3475-3490 (Arb):** 30-45-15-60. IF: wk surface blow throughout. FF: no blow. Rec. 5' M (N.S.) HP: 1682-1643; FP: 15/21, 19/23; SIP: 57-47. BHT 100°. RTD 3550'. HC @ 7:30 a.m.

6/8/06 RTD 3550'. Cut 30'. DT: none. CT: 23 hrs. Dev.: ¾° @ 3550'. Ran 84 jts. of 5 ½' prod. csg. set @ 3546', cmt. w/150 sx. AA-2, plug down @ 2:30 a.m. 6/8/06 by Jet Star. Polt collar @ 1429', 15 sx. in RH, 10 sx. in MH. Rig released @ 6:30 a.m. 6/8/06. FINAL REPORT.

Mosher Farms #1-4 1700 FNL 500 FWL Sec. 4-T9S-R18W 2021' KB							Mosher-Simon Unit #1-4 2500 FNL 900 FWL Sec. 4-T9S-R18W 2002' KB	
Formations	Sample Tops	Datum	Ref	Log Tops	Datum	Ref	Log Tops	Datum
Anhydrite	1405	+616	+16	1402	+619	+19	1402	+600
B/Anhydrite	1440	+581	+15	1438	+583	+17	1436	+566
Topeka	2936	-925	-3	2944	-923	-1	2924	-922
Heebner	3156	-1135	-3	3153	-1132	Flat	3134	-1132
Toronto	3176	-1155	-3	3174	-1153	-1	3154	-1152
Lansing	3197	-1176	-4	3194	-1173	-1	3174	-1172
BKC	3413	-1392	Flat	3410	-1389	+3	3394	-1392
Arbuckle	3468	-1447	-5	3458	-1437	+5	3444	-1442
TD	3550			3548			3520	

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port collar

FIELD ORDER 13557 ✓

Subject to Correction

Date 6-20-06		Customer ID		Lease Mosher	Well # 1-4	Legal 4-95-18w
C H A R G E Martin Drilling Co.		County Rooks	State Ks.	Station Pratt	Shoe Joint	
Depth		Formation		Job Type 5 1/2 P.C. New Well		
Casing 5 1/2		Casing Depth	TD	Customer Representative John Grestner Treater Bobby Drake		
AFE Number		PO Number		Materials Received by X John Grestner		

Station Code	Product Code	QUANTITY	MATERIALS, EQUIPMENT, and SERVICES USED	UNIT PRICE	AMOUNT
P	D201	185sk.	A-Con Blend	-	
P	C310	522lb.	Calcium Chloride	-	
P	C194	44lb.	CellFlake	-	
P	E100	270mi.	Heavy Vehicle Mileage	-	
P	E107	185sk.	Cement Service Charge	-	
P	E109	1262tm.	Bulk Delivery	-	
P	R204	1ea.	Concret Pump, 1501'-2000'	-	
P	E101	145mi.	Pickup Mileage	-	
Discounted Price				-	7621.24

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TREATMENT REPORT

Customer <i>Murfin Drilling Co.</i>	Lease No.	Date <i>6-20-06</i>
Lease <i>Mosher</i>	Well # <i>1-4</i>	
Field Order # <i>13557</i>	Station <i>Pratt</i>	Casing <i>5 1/2</i>
Type Job <i>5 1/2 P.C. New Well</i>	Depth	County <i>Rooks</i>
	Formation	State <i>Ks.</i>
		Legal Description <i>4-95-18w</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
	<i>2 3/8</i>		<i>Cont.</i>	<i>185sk. A-Con</i>				
Depth	Depth	From	To	Pre Pad	Max		5 Min.	
	<i>1426</i>			<i>2.96ft³</i>				
Volume	Volume	From	To	Pad	Min		10 Min.	
	<i>5.5</i>							
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load	
				<i>4.5 Bbl.</i>				

Customer Representative <i>John Gerstner</i>	Station Manager <i>Dave Scott</i>	Treater <i>Bobby Drake</i>
Service Units <i>123</i>	<i>226</i>	<i>30</i>
Driver Names <i>Drake</i>	<i>Andrews</i>	<i>McGraw</i>
	<i>Goss</i>	

Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
<i>1:00 PM</i>					<i>On location - Safety Meeting</i>
<i>1:52</i>					<i>Load & Test back side</i>
<i>2:00</i>		<i>300</i>		<i>2.0</i>	<i>Open Port + Collar & Circ.</i>
<i>2:05</i>		<i>200</i>		<i>3.0</i>	<i>Mix Cement @ 11.5#/gal</i>
<i>2:21</i>		<i>200</i>	<i>53</i>	<i>3.0</i>	<i>100 sks. Mixed</i>
<i>2:32</i>		<i>300</i>	<i>85</i>	<i>3.0</i>	<i>Cement circulating to Pit</i>
<i>2:33</i>		<i>300</i>		<i>3.0</i>	<i>Start Disp.</i>
<i>2:34</i>			<i>4.5</i>		<i>Shut Down</i>
<i>2:37</i>					<i>Close Port Collar</i>
<i>2:40</i>	<i>1110</i>				<i>Test to check Port + Collar is Closed</i>
<i>3:05</i>					<i>Run 5 Jts.</i>
<i>3:12</i>		<i>200</i>		<i>2.2</i>	<i>Reverse Out</i>
<i>3:22</i>			<i>20</i>		<i>Shut Down - Wash up Trk.</i>
					<i>Job Complete</i>
					<i>Thanks, Bobby</i>

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Acco-1



SALES OFFICE: 100 S. Main Suite #607 Wichita KS 67202 (316) 262-3699 (316) 262-5799 FAX

SALES & SERVICE OFFICE: 10244 NE Hiway 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

KCC Invoice

Bill to: MURFIN DRILLING Box 288 Russell, KS 67605 USED FOR <u>NEW WELL</u> APPROVED <u>J.P. SALS</u>	Invoice	Invoice Date	Order	Station
	606142	6/20/06	13557	Pratt
Service Description				
Cement				
Lease		Well	Well Type	
Mosher Farms		1-4	New Well	
AFE		PO	Terms	
			Net 30	
CustomerRep			Treater	
J. Gerstner			B. Drake	

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ID.	Description	UOM	Quantity	Unit Price	Price
D201	A-CON BLEND (COMMON)	SK	185	\$16.50	\$3,052.50 (T)
C310	CALCIUM CHLORIDE	LBS	522	\$1.00	\$522.00 (T)
C194	CELLFLAKE	LB	44	\$3.70	\$162.80 (T)
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	290	\$5.00	\$1,450.00
E107	CEMENT SERVICE CHARGE	SK	185	\$1.50	\$277.50
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	1262	\$1.60	\$2,019.20
R204	CASING CEMENT PUMPER, 1501-2000' 1ST 4 HRS ON LOC	EA	1	\$1,376.00	\$1,376.00
E101	CAR, PICKUP OR VAN MILEAGE - 1 WAY	MI	145	\$3.00	\$435.00
S100	FUEL SURCHARGE		1	\$95.27	\$95.27

Sub Total: \$9,390.27
Discount: \$1,673.76
Discount Sub Total: \$7,716.51
Rooks County & State Tax Rate: 5.30% Taxes: \$162.77
(T) Taxable Item Total: \$7,879.28

(PORT COLLAR)

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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 not to withhold 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 any such right of offset or recoupment. This agreement shall inure to the benefit of us and any lender providing financing to us and shall remain in full force and effect during any insolvency proceeding involving us and otherwise until all liabilities and obligations now or hereafter owing by us to any lender providing financing to us have been paid or performed in full.

5 1/2"



FIELD ORDER 13575 ✓

Subject to Correction

Date 6-8-06		Customer ID		Lease MOSTER FARMS	Well # 1-4	Legal 4-9-18
MURFEN DRILLING CO.		Depth 1429'	Formation PORT COUAK	County ROOKS	State KS.	Station PRATT, KS
		Casing 5/2	Casing Depth 3543	TD 3550	Shoe Joint 20'	
		Customer Representative JOHN		Job Type LOW STRENGTH - NW		
		Treater GORDLEY				

AFE Number _____ PO Number _____
 Materials Received by **X** *John Gust*

Station Code	Product Code	QUANTITY	MATERIALS, EQUIPMENT, and SERVICES USED	UNIT PRICE	AMOUNT
P	D205	150 SK	AAZ CEMENT	-	
P	D203	255 SK	60/40 PZ	-	
P	C195	132 lb.	FLA-322	-	
P	C321	874 lb.	GILSONITE	-	
P	C243	33 lb.	DEFORTMER	-	
P	C221	918 lb.	SIACV	-	
P	C244	58 lb.	CFR	-	
P	C302	500 gal	MUD FLUSH	-	
P	F261	1 EA.	5/2 PORT COUAK	-	
P	F101	10 EA.	5/2 TURBOBITER	-	
P	F171	1 EA.	5/2 LATCH DOWN PLUG	-	
P	F211	1 EA.	5/2 FLOAT SHADE	-	
P	F292	20 EA.	ROTATING SCRATCHER	-	
P	F121	1 EA.	5/2 BASKET	-	
P	E100	290 mile	TRUCK MAINTENANCE	-	
P	E107	175 SK.	CEMENT SERVICE CHARGES	-	
P	E104	1198 M	BLUIC BL DUBBY	-	
P	R208	1 EA.	PUMP CHARGES	-	
P	R701	1 EA.	CEMENT HEAD	-	
P	R202	1 EA.	CASSING SUDREL	-	
P	E101	145 mile	PICK UP MAINTENANCE	-	

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Customer MURPHY	Lease No. CONFIDENTIAL	Date 6-8-06
Lease MOSHER FARMS	Well # 1-4	
Field Order # 13575	Station PRATT, KS.	Casing 5 1/2 Depth 3543
Type Job LOW STRENGTH - NW	Formation TD - 3550	County BOOKS State KS.
		Legal Description 4-9-18

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size 5 1/2	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth 3543	Depth	From	To	Pre Pad	Max		5 Min.
Volume	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative JOHN	Station Manager SCOTT	Treater COOPER
Service Units 170 26 47 501		
Driver Names KG JA COBY BOLES MESTRAL		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
7200					ON LOCATION
					RUN 3543' 5 1/2 CSG - PKTS
					FROM SHOE LATCH BATTLE
					CENT. - 1-2-3-5-7-9-12-15-21-48
					HORIZONTAL - 50 AT 409' BASKET - 50
6030					TRAC BOTTOM - DROP BAR - CORC
					ROTATE CASINGS
					RUN 11 SCRAPER
0130	200		3	5	PUMP 3 661 H₂O
	200		12	5	PUMP 12 661 MUD FLUSH
	200		3	5	PUMP 3 661 H₂O
	200		38	5	MIX 150 SL AIR
					10% SALS 1/4" CELLULOSE 8/10%
					PLA 322 2/10% DEFOMEX .35% CER
					STOP - WASH LINE - DROP PLUG
	0		0	6 1/2	START DESP. RECEIVED
	200		60	6 1/2	LIFT CEMENT AUG 28 2006
	700		77	4	SLOW RATE
0215	1400		83.8	3	PLUG DOWN - NEED KCC WICHITA
					PLUG RET & MHA
0330					JOB COMPLETE
					THANKS - KEVIN



SALES OFFICE:
 100 S. Main
 Suite #607
 Wichita KS 67202
 (316) 262-3699
 (316) 262-5799 FAX

SALES & SERVICE OFFICE:
 10244 NE May 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: MURFIN DRILLING Box 288 Russell, KS 67605 KCC AUG 25 2006 CONFIDENTIAL	5873197	Invoice	Invoice Date	Order	Station
		606043	6/8/06	13575	Pratt
	Service Description				
	Cement				
CustomerRep		Lease		Well	Well Type
J. Gestner		Mosher Farms		1-4	New Well
		AFE		PO	Terms
					Net 30
		Treater			
		K. Gordley			

ID.	Description	UOM	Quantity	Unit Price	Price
D205	AA2 (COMMON) USED FOR NEW WELL	SK	150	\$15.90	\$2,385.00 (T)
D203	60/40 POZ (COMMON) APPROVED J.T. SIMS	SK	25	\$10.30	\$257.50 (T)
C195	FLA-322	LB	132	\$7.50	\$990.00 (T)
C321	GILSONITE	LB	874	\$0.67	\$585.58 (T)
C243	DEFOAMER	LB	33	\$3.45	\$113.85 (T)
C221	SALT (Fine)	GAL	918	\$0.25	\$229.50 (T)
C244	CEMENT FRICTION REDUCER	LB	58	\$6.00	\$348.00 (T)
C302	MUD FLUSH	GAL	500	\$0.86	\$430.00 (T)
F261	CEMENT PORT COLLAR, 5 1/2"	EA	1	\$3,225.00	\$3,225.00 (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)
F292	CEMENT SCRATCHERS ROTATING TYPE	EA	20	\$50.00	\$1,000.00 (T)
F121	BASKET, 5 1/2"	EA	1	\$237.50	\$237.50 (T)
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	290	\$5.00	\$1,450.00
E107	CEMENT SERVICE CHARGE	SK	175	\$1.50	\$262.50
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	1198	\$1.60	\$1,916.80
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
E101	CAR, PICKUP OR VAN MILEAGE - 1 WAY	MI	145	\$3.00	\$435.00
S100	FUEL SURCHARGE	No	Amount	Description	Price

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03601000	L	4989A	14785.44	Cement Port collar	Sub Total:	\$17,434.80
					Discount:	\$3,132.56
					Discount Sub Total:	\$14,302.24
				Rooks County & State Tax Rate: 5.30%	Taxes:	\$483.20
				(T) Taxable Item	Total:	\$14,785.44

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 not to withhold 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 any such right of offset or recoupment. This agreement shall inure to the benefit of us and any lender providing financing to us and shall remain in full force and effect during any insolvency proceeding involving us and otherwise until all liabilities and obligations now or hereafter owing by us to any lender providing financing to us have been paid or performed in full.

KCC

AUG 25 2006

ALLIED CEMENTING CO., INC. 25574

RI MIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

8 5/8"

SERVICE POINT: R

WELL FILE

DATE <u>6-1-06</u>	SEC. <u>4</u>	TWP. <u>9</u>	RANGE <u>18W</u>	CALLED OUT	ON LOCATION <u>12:00PM</u>	JOB START <u>12:45AM</u>	JOB FINISH <u>1:15AM</u>
MDC MOSHER LEASE <u>FARMS</u>		WELL # <u>1-4</u>	LOCATION <u>PLAINVILLE</u>	<u>4N 2 1/2W</u>	COUNTY <u>ROCKS</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)				<u>3/4N</u>			

CONTRACTOR MURFIN B
 TYPE OF JOB SURFACE
 HOLE SIZE 12 1/4 T.D. 220
 CASING SIZE 8 5/8 DEPTH 220
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 15'
 PERFS. _____
 DISPLACEMENT 13.32L

EQUIPMENT

PUMP TRUCK CEMENTER MARK
 # 398 HELPER GARY JOBY
 BULK TRUCK
 # 378 DRIVER KYLE
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:

CEMENT CTRL
THANKS

CHARGE TO: MURFIN
 STREET _____
 CITY _____ STATE _____ ZIP _____

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.

SIGNATURE Larry Pickner

OWNER

CEMENT
 AMOUNT ORDERED 160 Com 3% CC
290 GEL

COMMON	<u>160</u>	@	<u>10.65</u>	<u>1704.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>16.65</u>	<u>49.95</u>
CHLORIDE	<u>5</u>	@	<u>46.60</u>	<u>233.00</u>
ASC		@		

HANDLING	<u>168</u>	@	<u>1.90</u>	<u>319.20</u>
MILEAGE	<u>8 F/SK/MILE</u>			<u>672.00</u>
TOTAL				<u>2978.15</u>

SERVICE

DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____ 215.00
 EXTRA FOOTAGE _____ @ _____
 MILEAGE 50 @ 5.00 250.00
 MANIFOLD _____ @ _____

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TOTAL 1065.00

PLUG & FLOAT EQUIPMENT

<u>8 5/8 wood</u>	@	<u>60.00</u>
	@	
	@	
	@	
	@	
TOTAL		<u>60.00</u>

TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

LARRY PICKNER
 PRINTED NAME

08/25/08



MURFIN
DRILLING
CO., INC.



CONTRACTORS AND PRODUCERS

KCC
AUG 25 2006
CONFIDENTIAL

August 25, 2006

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

Re: **Confidential Filing** : ACO-1
API #15-163-23534-0000
Mosher Farms 1-4

Attn: Rick Hesterman

Dear Rick:

Please find following the above referenced confidential filing for the Mosher Farms 1-4.
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,

Sue Brady
Production Assistant

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