

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

ORIGINAL

API NO. 15- 163-23,186 0000

County ROOKS

C - S/2 - SE - Sec. 36 Twp. 8 Rge. 17 E  
X W

660 Feet from S (circle one) Line of Section

1320 Feet from E (circle one) Line of Section

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

Lease Name TED HRABE Well # #8

Field Name WESTHUSIN

Producing Formation Kansas City

Elevation: Ground 1915 KB 1920

Total Depth 3338' PBDT 3320

Amount of Surface Pipe Set and Cemented at 212 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from 3320

feet depth to Surface w/ 700 sx cmt.

Drilling Fluid Management Plan 1-15-92  
(Data must be collected from the Reserve Pit) Bond log

Chloride content 19,000 ppm Fluid volume 50 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. \_\_\_\_\_

Operator: License # 8735

Name: S & M OIL COMPANY

Address P. O. Box 296

City/State/Zip PLAINVILLE, KS 67663

Purchaser: Farmland Industries, Inc.

Operator Contact Person: STEVE CRAWFORD

Phone (913) 434-2829

Contractor: Name: RED TIGER DRILLING CO.

License: 5302

Wellsite Geologist: Steve Crawford

Designate Type of Completion

X New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover \_\_\_\_\_

X 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: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

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

10-24-91 10-30-91 11-11-91  
Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 Steve Crawford

Title Owner-Operator Date 12-31-91

Subscribed and sworn to before me this 31st day of December 19 91.

Notary Public Connie Newell

Date Commission Expires 4-9-94

K.C.C. OFFICE USE ONLY  
Letter of Confidentiality Attached  
**RECEIVED**  
Wireline Log Received  
Geologic Report Received  
KANSAS CORPORATION COMMISSION  
Distribution  
KCC 1992  
JAN 13 1992  
SWD/Rep \_\_\_\_\_ NGPA  
Plug \_\_\_\_\_ Other \_\_\_\_\_  
(Specify)  
P

NOTARY PUBLIC - State of Kansas  
CONNIE NEWELL  
My Appt. Exp. 4-9-94

CONSERVATION DIVISION  
WICHITA, KS  
Form ACO-1 (7-91)

Operator Name S & M OIL COMPANY Lease Name TED HRABE Well # #8  
 Sec. 36 Twp. 8 Rge. 17  East County ROOKS  
 West

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.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	1213-1250	+707
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Topeka	2798	-878
		Kansas City	3056	-1136

List All E.Logs Run:  
 Gamma Ray Neutron  
 Sonic Cement Bond

CASING RECORD <input checked="" 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	12 1/2"	8 5/8"	20	212	60-40POZ	135	2%GEL, 3%CC
PRODUCTION	7 7/8"	5 1/2"	14	3320	65-35POZ	400	10%GEL, 2%ECONO
					CLASS "A"	100	5%CALSEAL, 18% SALT, 12 1/2#GILSON

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	Surface to 850'	60/40 pos.	200	6% gel

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	
	3	3290, 3274, 3265 1/2, 3242, 3234	9,000 gal. 15% HCL non-emul	
	3223, 3216, 3163, 3150, 3124	1300 psi, 20 BPM		
	3114, 3093, 3034			

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
109 jts.	2 7/8	3275	---	

Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
11-14-91	

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
105	---	---	145	42% oil	34

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 \_\_\_\_\_

Russell, Kansas  
Great Bend, Kansas

15-163-23186-0000

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

New ORIGINAL

# ALLIED CEMENTING CO., INC.

2326

Home Office P. O. Box 31

Russell, Kansas 67665

	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish																										
10-24-91	36	8 <sup>s</sup>	17 <sup>w</sup>	1:00 P.M.	3:00 P.M.	4:30 P.M.	5:00 P.M.																										
Ted Hrabe	Well No. 8		Location Plainville 6 1/2 E S N 3/4 E 1/2 R		County	Rooks	State Ks.																										
Contractor Red Tiger Drilling Co.	Rig # 5		Owner Same																														
Job Set Surface Pipe	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 listed.																																
Hole Size 12 1/4"	T.D. 214'		Charge To S & M Oil Company																														
Csg. 8 5/8"	Depth 212'		Street 205 N. Jefferson																														
Tbg. Size	Depth		City Plainville, State Ks. 67663																														
Drill Pipe	Depth		The above was done to satisfaction and supervision of owner agent or contractor.																														
Tool	Depth		Purchase Order No.																														
Cement Left in Csg. 12'	Shoe Joint		X Don Bud																														
Press Max.	Minimum -		<table border="1"> <thead> <tr> <th colspan="2">CEMENT</th> </tr> </thead> <tbody> <tr> <td>Amount Ordered</td> <td>135 sks 60/40 902 280 gal, 3% C.C.</td> </tr> <tr> <td>Consisting of</td> <td></td> </tr> <tr> <td>Common</td> <td>81 sks @ 5.25/sk. 425.25</td> </tr> <tr> <td>Poz. Mix</td> <td>54 sks @ 2.25/sk. 121.50</td> </tr> <tr> <td>Gel.</td> <td>2 sks N/C</td> </tr> <tr> <td>Chloride</td> <td>4 sks @ 21.00/sk. 84.00</td> </tr> <tr> <td>Quickset</td> <td></td> </tr> <tr> <td colspan="2">Sales Tax</td> </tr> <tr> <td>Handling</td> <td>@ 1.00/sk. (135 sks) 135.00</td> </tr> <tr> <td>Mileage</td> <td>@ 0.40/sk./mi. (12 mi.) 64.80</td> </tr> <tr> <td colspan="2">Sub Total # 830.55</td> </tr> <tr> <td colspan="2">Total</td> </tr> </tbody> </table>					CEMENT		Amount Ordered	135 sks 60/40 902 280 gal, 3% C.C.	Consisting of		Common	81 sks @ 5.25/sk. 425.25	Poz. Mix	54 sks @ 2.25/sk. 121.50	Gel.	2 sks N/C	Chloride	4 sks @ 21.00/sk. 84.00	Quickset		Sales Tax		Handling	@ 1.00/sk. (135 sks) 135.00	Mileage	@ 0.40/sk./mi. (12 mi.) 64.80	Sub Total # 830.55		Total	
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Meas Line	Displace X																																
Perf.																																	

## EQUIPMENT

Pumptrk	No. 191	Cementor	Gary H. Wayne Mc.
		Helper	
Pumptrk	No.	Cementor	
		Helper	
Bulktrk	#212	Driver	Joe S.
Bulktrk		Driver	

## DEPTH of Job

Reference: #1	Pumptruck-surface	# 380.00
#13	mileage @ 2.00/mi.	24.00
	1- 8 3/8" wooden plug	42.00
Sub Total		# 446.00
Tax		
Total		

Remarks:

Cement Circulated.

Floating Equipment

Thanks

RECEIVED  
KANSAS CORPORATION COMMISSION

JAN 13 1992

1/13/92

CONSERVATION DIVISION  
WICHITA, KS

15-1123-23186-00-00  
**BULK MATERIALS DELIVERY**

**AND  
 TICKET CONTINUATION**

**ORIGINAL** FOR INVOICE AND TICKET NO. 170413

**HALLIBURTON SERVICES**  
 A Division of Halliburton Company

DATE <b>10-30-91</b>	CUSTOMER ORDER NO.	WELL NO. AND FARM <b>Hrabe #8</b>	COUNTY <b>Rooks</b>	STATE <b>Kansas</b>
CHARGE TO <b>S &amp; N</b>		OWNER <b>Same</b>	CONTRACTOR <b>Red Tiger Drig. No. B 942044</b>	
MAILING ADDRESS		DELIVERED FROM <b>Hays, Ks</b>	LOCATION CODE <b>25525</b>	PREPARED BY <b>Kuhn</b>
CITY & STATE		DELIVERED TO <b>N/E Plainville, Ks</b>	TRUCK NO. <b>3703 530</b>	RECEIVED BY <b>CHILCOES</b>

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT		
		L	D		QTY.	MEAS.	QTY.	MEAS.				
504-308	516.00261	1	B	Standard Cement	100				5.45	545	00	
				400Cu. Ft. Pozmix Cement								
504-308	516.00261	1	B	Standard Cement	260				5.45	1,417	00	
506105	516.00286	1	B	Pozmix ;A'	140				3.40	476	00	
506-121	516.00259	1	B	7sk Halliburton Gel@2%							n/c	
507-277	516.00259	1	B	Halliburton Gel@8%	28				14.75	413	00	
507-285	70.15250	1	B	Econolite Blended	700	lb			.90	630	00	
507-153	516.00161	1	B	CFR-3 Blended	47	lb			4.10	192	70	
507-210	890.50071	1	B	Flocele Blended	100	lb			1.30	130	00	
508-127	890.50131	1	B	Cal Seal Blended	5				19.70	98	50	
509-968	516.00158	1	B	Salt Blended	780	lb			.10	78	00	
508-291	516.00337	1	B	Gilsonite Blended	1250	lb			.35	437	50	
<p><b>RECEIVED</b>                  KANSAS CORPORATION COMMISSION                  JAN 13 1992 1/13/92                  CONSERVATION DIVISION                  WICHITA, KKS</p>												
				Returned Mileage Charge	TOTAL WEIGHT		LOADED MILES		TON MILES			
				SERVICE CHARGE ON MATERIALS RETURNED						CU. FEET		
500-207		1	B	SERVICE CHARGE					CU. FEET	1.15	706 10	
500-306		1	B	Mileage Charge	51,077	TOTAL WEIGHT	12	LOADED MILES	306,462	TON MILES	.80 245 17	
No. <b>B 942044</b>		CARRY FORWARD TO INVOICE							SUB-TOTAL		<b>5,368 97</b>	

CUSTOMER

15-163-23186-02 ORIGINAL

Phone 913-483-2627, Russell, Kansas  
 Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812  
 Phone Ness City 913-798-3843

**ALLIED CEMENTING CO., INC.**  
 Home Office P. O. Box 31  
 Russell, Kansas 67665

2338

Date	Sec	FWP	Range	Called Out	On Location	Job Start	Finish
11-11-91	36	8'	17'	6:00 A.M.	8:00 A.M.	8:30 A.M.	9:30 A.M.
Lease <i>Ted Haube</i>		Well No. <i>8</i>	Location <i>Plainville 6 1/2 E S N 1/4 E 1/4 N</i>		County <i>Rooks</i>	State <i>Ks.</i>	

Contractor		Owner <i>Same</i>	
Type Job <i>Back Side Squeeze</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 listed.	
Hole Size <i>7 1/2"</i>	T.D. <i>3338'</i>	Charge To <i>S &amp; M O.I.</i>	
Csg. <i>5 1/2"</i>	Depth <i>3320'</i>	Street <i>P.O. Box 296</i>	
Csg. Size <i>8 1/2"</i>	Depth	City <i>Plainville</i> State <i>Ks</i> <i>67663</i>	
Drill Pipe	Depth	The above was done to satisfaction and supervision of owner agent or contractor.	
Tool	Depth	Purchase Order No.	
Cement Left in Csg.	Shoe Joint	<i>[Signature]</i> CEMENT	
Press Max. <i>600#</i>	Minimum		
Meas Line	Displace		
Perf.		Amount Ordered <i>200 sk. 2 1/4 bags 620 gal</i>	

**EQUIPMENT**

Pumptrk No. <i>191</i>	Cementer <i>Gary H. Wayne Ma.</i>	
	Helper	
Pumptrk No.	Cementer	
	Helper	
Bulktrk <i>#212</i>	Driver <i>Joe S.</i>	
Bulktrk	Driver	

DEPTH of Job		
Reference <i>#5</i>	<i>Pumptruck - squeeze</i>	
<i>#13</i>	<i>mileage @ 2.99/mi.</i>	
	Sub Total	
	Tax	
	Total	

Remarks: *Down annulus (8 1/2" csg.) at 600# max. pressure mixed 200 sks cement and shut in at 400# pressure.*

Consisting of		
Common		
Poz. Mix		
Gel.		
Chloride		
Quickset		
Handling <i>21.00/sk.</i>		
Mileage <i>2044/sk./mi.</i>		
	Sales Tax	
	Sub Total	
	Total	
Floating Equipment		<i>Thanks</i>

RECEIVED  
 KANSAS CORPORATION COMMISSION  
 1/13/92  
 JAN 13 1992  
 CONSERVATION DIVISION  
 WICHITA, KS