

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

API NO. 15- 109-20,608

County Logan

NE NE SE Sec. 14 Twp. 11 Rge. 34 XXV^E

2310 Feet from (N) (circle one) Line of Section

330 Feet from (W) (circle one) Line of Section

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

Lease Name Smith Well # 1-14

Field Name Monument South

Producing Formation LKC

Elevation: Ground 3147 KB 3152

Total Depth 4750 PSTD

Amount of Surface Pipe Set and Cemented at 291 Feet

Multiple Stage Cementing Collar Used? X Yes No

If yes, show depth set 2666 Feet

If Alternate II completion, cement circulated from 2666'

feet depth to surface w/ 335 sx cnt.

Drilling Fluid Management Plan ALT 2 JK 12-1-97
(Data must be collected from the Reserve Pit)

Chloride content 15,000 ppm Fluid volume 2000 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite:

Operator Name KANSAS CORPORATION COMMISSION

Lease Name 5-9-1996 License No.

Quarter Sec. Twp. S Rng. E/W

County CONSERVATION DIVISION WICHITA, KS

Operator: License # 5030 ORIGINAL

Name: Vess Oil Corporation

Address 8100 E. 22nd Street North

Bldg 300

City/State/Zip Wichita, KS 67226

Purchaser: NCRA

Operator Contact Person: W. R. Horigan

Phone (316) 682-1537

Contractor: Name: Murfin Drilling Co.

License: 30606

Wellsite Geologist: Kim B. Shoemaker

Designate Type of Completion
X New Well Re-Entry Workover

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

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

Operator: RELEASED

Well Name: 9-25-1998
SEP 25 1998

Comp. Date Old Total Depth

 Deepening Re-perf. FROM CONFIDENTIAL
 Plug Back PSTD
 Commingled Docket No.
 Dual Completion Docket No.
 Other (SWD or Inj?) Docket No.

1/12/96 1/21/96 2/2/96
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 WRHorigan

Title Operations Manager Date 5/17/96

Subscribed and sworn to before me this 17 day of May, 1996.

Notary Public Michelle D. Henning

Date Commission Expires

MICHELLE D. HENNING
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 11/01/97

K.C.C. OFFICE USE ONLY
F ✓ Letter of Confidentiality Attached
C ✓ Wireline Log Received
C Geologist Report Received
Distribution
✓ KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

Operator Name Vess Oil Corporation Lease Name Smith Well # 1-14
 Sec. 14 Twp. 11 Rge. 34 East County Logan
 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	BASE ANHYDRITE	2639	+513
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	HEEBNER	4029	-877
		LANSING	4068	-916
		BASE KC	4356	-1204
		MARMATON	4391	-1239
		FT. SCOTT	4544	-1392
		CHEROKEE	4572	-1420
		JOHNSON	4616	-1464
		MISSISSIPPI	4694	-1542

SEE ATTACHMENT

List All E.Logs Run:
 Gamma Ray Collar
 Dual Induction
 BHC Sonic
 Comp Density/Comp Neutron

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		291'	60/40 poz	225	2% gel 3% cc
production		4-1/2	10.5	4749'	Neat EA-2	25 200	20 bbl salt flush
DV tool		4-1/2		2666'	Mid Con2	335	500 gal mud flush

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	
	2	4306-4316	750 gal. 15% MCA	4306-16
		1500 gal. 15% NE	4306-16	

TUBING RECORD		Size <u>2-3/8</u>	Set At <u>4433</u>	Packer At <u>NA</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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)			
<u>2/2/96</u>					
Estimated Production Per 24 Hours	Oil <u>70</u> Bbls.	Gas <u>TSTM</u> Mcf	Water <u>27</u> Bbls.	Gas-Oil Ratio <u>N/A</u>	Gravity <u>37.6</u>

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 4306-16

ORIGINAL

ATTACHMENT TO ACO-1

Smith #1-14
NE NE SE 14-11S-34W
Logan County, KS

15-109-20608

DST #1 4204-4232 **ZN H Zone**
Times: 30-45-45-60
Blow: 1st open-Built to 10-1/4"
2nd open-BOB - 45 min.
Rec: 125'SOCWM (1% oil, 13% wtr, 86% mud)
300'SW
IFP: 49-98 FFP: 129-213
ISIP: 1243 FSIP: 1230
HP: 2005-1980 Temp 116 Degrees F

RELEASED
9-25-1998
SEP 25 1998

FROM CONFIDENTIAL

DST #2 4240-4293 **ZN I Zone/ J Zone**
Times: 30-30-30-30
Blow: Weak & Died; No blow
Rec: 60'GIP, 5'CO 39 degrees API,
120'SG&OCM (2% gas, 8% oil 90% mud%)
IFP: 67 FFP: 67
ISIP: 1069 FSIP: 955
HP: 2034/1979 Temp 110 Degrees

DST #3 4289-4324 **ZN K Zone**
Times: 30-45-45-60
Blow: BOB-4-1/2" - BOB-5-1/2"
Rec: 382'CGO
300'MO (69% oil)
160'SGWMO (15% G, 16% W, 27% M, 42% O)
10'SOCMW (2% O)
IFP: 74-218 FFP: 277-321
ISIP: 1073 FSIP: 1053
HP: 2105-1999 Temp 116 Degrees

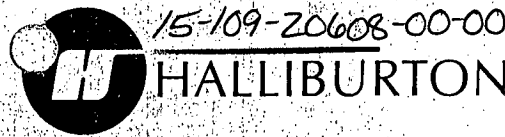
<u>SAMPLE TOPS</u>		<u>LOG TOPS</u>	
Anh. (top)	2620 (+532)	2614 (+538)	
Anh. (base)	2646 (+506)	2639 (+513)	
Heebner	4032 (-880)	4029 (-877)	
Lansing	4071 (-919)	4068 (-916)	
KC	4145 (-993)	4147 (-995)	
Muncie Crk	4206 (-1054)	4209 (-1057)	
Stark Shale	4293 (-1141)	4294 (-1142)	
K Zone	4309 (-1157)	4306 (-1154)	
BKC	4361 (-1209)	4356 (-1204)	
Marm	4394 (-1242)	4391 (-1239)	
Ft. Scott	4544 (-1392)	4544 (-1392)	
Chero.	4574 (-1422)	4572 (-1420)	
Johnson	4618 (-1466)	4616 (-1464)	
Miss.	4697 (-1545)	4694 (-1542)	
RTD	4750 (-1598)	4749 (-1597)	

RECEIVED
KANSAS CORPORATION COMMISSION

5-9-1996
MAY 09 1996

CONSERVATION DIVISION
WICHITA, KS

CUSTOMER COPY



15-109-20608-00-00

REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

ORIGINAL

INVOICE NO.	DATE
914941	01/22/1996

WELL LEASE NO./PROJECT SMITH 1-14		WELL/PROJECT LOCATION LOGAN		STATE KS	OWNER SAME
SERVICE LOCATION HAYS		CONTRACTOR MURFIN DRILLING #3	JOB/PURPOSE CEMENT PRODUCTION CASING		TICKET DATE 01/22/1996
ACCT NO. 924842	CUSTOMER AGENT JOHN TURNER	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA COMPANY TRUCK	FILE NO. 03088

RELEASED
9-25-1998
SEP 25 1998

VESS OIL CORP.
8100 E 22ND NORTH
BUILDING 300
WICHITA, KS 67226

FROM CONFIDENTIAL

DIRECT CORRESPONDENCE TO:
P O BOX 428
HAYS KS 67601
913-625-3431

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	140	MI	2.85	399.00
		1	UNT		
007-013	MULT STAGE CEMENTING-1ST STAGE	4749	FT	1,765.00	1,765.00
001-016		1	UNT		
007-161	MULT STAGE CEMENTING-ADD STAGE	1	STG	1,400.00	1,400.00
		1	UNT		
018-315	MUD FLUSH	500	CAL	.65	325.00
26	INSERT VALVE F. S. - 4 1/2"	1	EA	285.00	285.00
847.6316					
27	FILL-UP UNIT 4 1/2"-5"	1	EA	47.00	47.00
815.19111					
40	CENTRALIZER 4-1/2 X 7-7/8	8	EA	50.00	400.00
806.60004					
320	BASKET-CMT-4 1/2 CSG X 18"OD-	2	EA	104.00	208.00
806.71415					
71	CEMENTER-TYPE F ES-4-1/2 BRD	1	EA	2,787.00	2,787.00
813.56125					
75	PLUG SET - FREE FALL - 2-STAGE	1	EA	450.00	450.00
813.16410					
66	CLAMP-LIMIT-4-1/2 HINGED	1	EA	10.00	10.00
806.72020					
504-308	CEMENT - STANDARD	250	SK	9.57	2,392.50
504-280	MIDCON-2 STANDARD CEMENT	370	SK	12.76	4,721.20
508-127	CAL SEAL 60	9	SK	25.90	233.10
509-968	SALT	850	LB	.15	127.50
507-775	HALAD-322	95	LB	7.00	665.00
507-970	D-AIR 1, POWDER	50	LB	3.25	162.50
509-968	SALT	400	LB	.15	60.00
500-207	BULK SERVICE CHARGE	645	CFT	1.35	870.75
500-306	MILEAGE CMTG MAT DEL OR RETURN	2130.625	TMI	.95	2,024.09

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CORPORATION COMMISSION
5-9-1996
MAY 09 1996
CONSERVATION DIVISION
WICHITA, KS

***** CONTINUED ON NEXT PAGE *****

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer

CUSTOMER COPY



REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

INVOICE NO.	DATE
914941	01/22/1996

WELL LEASE NO./PROJECT SMITH 1-14		WELL/PROJECT LOCATION LOGAN		STATE KS	OWNER SAME
SERVICE LOCATION HAYS		CONTRACTOR MURFIN DRILLING #3	JOB/PURPOSE CEMENT PRODUCTION CASING		TICKET DATE 01/22/1996
ACCT NO. 924842	CUSTOMER AGENT JOHN TURNER	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA COMPANY TRUCK	FILE NO. 03088

VESS OIL CORP.
8100 E. 22ND NORTH
BUILDING 300
WICHITA, KS 67226

DIRECT CORRESPONDENCE TO:
P O BOX 428
HAYS KS 67601
913-625-3431

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
	INVOICE SUBTOTAL				19,332.64
	DISCOUNT - (BID)				6,017.42-
	INVOICE BID AMOUNT				13,315.22
	*- KANSAS STATE SALES TAX				518.62
	*- HAYS CITY SALES TAX				105.84
	RELEASED 9-25-1998 SEP 25 1998				
	FROM CONFIDENTIAL				
	RECEIVED KANSAS CORPORATION COMMISSION 5-9-1996 MAY 09 1996				
	CONSERVATION DIVISION WICHITA, KS				
	INVOICE TOTAL - PLEASE PAY THIS AMOUNT				\$13,939.68

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15-109-20608-00-00

ALLIED CEMENTING CO., INC.

2438

ORIGINAL

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

SERVICE POINT:

OKley

DATE <u>1-2-96</u>	SEC. <u>14</u>	TWP. <u>11</u>	RANGE <u>34</u>	CALLED OUT	ON LOCATION <u>6:30 PM</u>	JOB START	JOB FINISH <u>10 PM</u>
LEASE <u>Smith</u>	WELL# <u>1-14</u>	LOCATION <u>Monument 2W 1/4 S 1/4 W</u>	COUNTY <u>Logan</u>	STATE <u>Kan</u>			

OLD OR NEW (Circle one)

CONTRACTOR Murfin Drig Rig 3

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D.

CASING SIZE 8 5/8 DEPTH 291'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15'

PERFS. _____

OWNER _____
CEMENT

AMOUNT ORDERED 225 40 3% CC 206el

COMMON	<u>135</u>	@	<u>7.20</u>	<u>972.00</u>
POZMIX	<u>90</u>	@	<u>3.45</u>	<u>283.50</u>
GEL	<u>3</u>	@	<u>9.50</u>	<u>28.50</u>
CHLORIDE	<u>6</u>	@	<u>28.00</u>	<u>168.00</u>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING		@	<u>1.05</u>	<u>236.25</u>
MILEAGE	<u>4 1/2 hr / mile</u>			<u>108.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER M Adao

191 HELPER Wayne

BULK TRUCK DRIVER Dean

_____ DRIVER _____

RELEASED
9-25-1998
SEP 25 1998

TOTAL 1796.25

REMARKS: FROM CONFIDENTIAL SERVICE

Cement Did C/o

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>445.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>12</u>	@	<u>23.5</u>	<u>282.00</u>
PLUG	<u>8 5/8 Surface</u>	@		<u>45.00</u>
		@		
		@		

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KANSAS CORPORATION COMMISSION

5-9-1996
MAY 09 1996

FLOAT EQUIPMENT

CONSERVATION DIVISION
WICHITA, KS

TOTAL 518.20

CHARGE TO: Kess Oil
STREET 8100 E 22nd St #300
CITY Wichita STATE Kansas ZIP 67226

TOTAL _____

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

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 Smith