

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

API NO. 15- 109-205990000

County Logan

ORIGINAL

Sec. 16 Twp. 12 Rge. 33 E/W

Operator: License # 5030

Name: Vess Oil Corp.

Address 8100 E. 22nd North

Building 300

City/State/Zip Wichita, KS 67226

Purchaser: NCRA

Operator Contact Person: Bill Horigan

Phone (316) 682-1537

Contractor: Name: L. D. Drilling, Inc.

License: 6039

Wellsite Geologist: Craig Caulk

Designate Type of Completion

New Well Re-Entry Workover

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

If Workover:

Operator: RELEASED

Well Name:

Comp. Date Old Total Depth

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

11/01/95 11/11/95 11/20/95
Spud Date Date Reached TD Completion Date

660 Feet from S(N) (circle one) Line of Section

660 Feet from E(N) (circle one) Line of Section

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

Lease Name Voth Well # 1-16

Field Name Unnamed

Producing Formation LKC

Elevation: Ground 3106 KB 3111

Total Depth 4700 PBTD 4648'

Amount of Surface Pipe Set and Cemented at 355 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 2605 Feet

If Alternate II completion, cement circulated from 2605'

feet depth to surface w/ 400 sx cmt.

Drilling Fluid Management Plan alt # 4-18-96
(Data must be collected from the Reserve Pit) RL

Chloride content 6,000 ppm Fluid volume 2750 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite: KCC

Operator Name JAN 17

Lease Name License No.

Quarter Sec. Twp. S Rng. E/W

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 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 WRH

Title Operations Manager Date 1-15-96

Subscribed and sworn to before me this 15 day of January, 1996.

Notary Public Michelle D. Henning

Date Commission Expires

MICHELLE D. HENNING
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 7/10/97

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 Corp. Lease Name Voth Well # 1-16

Sec. 16 Twp. 12 Rge. 33 East West County Logan

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 type="checkbox"/> Log Formation (Top), Depth and Datum	<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 type="checkbox"/> No		
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E.Logs Run:			

SEE ATTACHMENT

CASING RECORD <input checked="" type="checkbox"/> New <input checked="" 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"	28#	355'	60/40 poz	190	2% gel, 3% CC
production	7-7/8"	4-1/2"	10.5#	4695'	standard EA-2	200	
second stage	cement job DV Tool			2605'	Mid-Con2	400	

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 JSPF	4273-77	2000 Gal 28% NE	4273-77

TUBING RECORD		Size 2-3/8	Set At 4312'	Packer At None	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. 11/22/95			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 25 Bbls.	Gas TSTM Mcf	Water 5 Bbls.	Gas-Oil Ratio N/A	Gravity

Disposition of Gas: **METHOD OF COMPLETION** Production Interval 4273-77

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled

(If vented, submit ACO-18.) Other (specify) _____

CONFIDENTIAL

LANDMARK
OIL EXPLORATION, INC.
(316) 265-8181

ORIGINAL

RELEASED

E/2 NW NW Sec. 16-12S-33W

Logan Co., KS

Owen NW #1-16

KB 3111' Ground 3106'

MAR 11 1997

15-109-20599

FROM CONFIDENTIAL

11/1/95 Spud @ 4:30 P.M.

11/2/95 Ran 11 jts used 28# 8 5/8" surface casing. Set @ 355' w/ 190 sx 60/40 Pozmix, 2% Gel, 3% CC. Plug down @ 12:15 A.M. 11-2-95. Did circulate. Ready to drill plug @ 9:30 A.M.

11/3/95 Drilling ahead @ 1635'

11/4/95 Drilling ahead @ 2640'

11/5/95 Drilling ahead @ 3365'

11/6/95 Drilling ahead @ 3747'. Mud Cost: \$1,489. Mud Wt.: 9.9. Visc.: 30.

KCC

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	<u>Reference Top</u>		<u>Sample Top</u>		
Anhydrite	2616	+502	2598	+513	+11
Base Anhydrite	2640	+478	2619	+492	+14

11/7/95 Drilling ahead @ 4163'. Mud Cost: \$2,408. Mud Wt.: 9.0. Visc.: 43. Wtr. Loss: 10.4. Will circulate @ 4241' (base of the H zone).

	<u>Reference Top</u>		<u>Sample Top</u>		
Topeka	3808	-690	3790	-679	+11
Heebner Shale	4030	-912	4013	-902	+10
Lansing Lms.	4073	-955	4054	-943	+12
35' Zone	4107	-989	4091	-980	+9
70' Zone	4158	-1040	4140	-1029	+11

DST #1 - 4210-4241' (Lansing "H" zone). 30-30-30-30. IFP: 50-50. ISIP: 50. FFP: 50-50. FSIP: 50. Rec. 3' mud.

Owen NW #1-16
E/2 NW NW Sec. 16-12S-33W
Logan Co., KS

ORIGINAL

CONFIDENTIAL

11/8/95 Coming out of the hole for DST #2. 4264-4298' (Lansing KC "J").

	<u>Reference Top</u>		<u>Sample Top</u>		
Muncie Shale	4219	-1101	4204	-1093	+8
140' Zone	4237	-1119	4221	-1110	+9
160' Zone	4267	-1149	4252	-1141	+8
180' Zone	4288	-1170	4272	-1161	+9
Stark	4302	-1184	4286	-1175	+9

Mud Cost: \$2,535. Mud Wt.: 9.3. Water Loss: 12.8. Visc.: 46.

DST #2 - 4264-4298'. Blow off btm of bucket in 3 min. 30-45-45-60. IFP: 70-172. ISIP: 1197. FFP: 222-344. FSIP: 1186. 961' gip. Rec. 886' gassy oil (80% oil, 20% gas), 186' mud with wtr cut oil (60% oil, 10% wtr, 30% mud), 38 gravity.

11/9/95 Drilling ahead @ 4338'. Mud Cost: \$2,805. Mud Wt.: 9.2. Wtr. Loss: 9.6. Visc.: 50.

	<u>Reference Top</u>		<u>Sample Top</u>		
200' Zone	4316	-1198	4300	-1189	+9

DST #3 - 4286-4322' (Lansing KC "K"). 30-30-30-30. IFP: 25-25. ISIP: 578. FFP: 25-25. FSIP: 628. Rec. 5' mud.

11/10/95 Drilling ahead @ 4597'. Visc. 44. Mud Wt.: 9.1.

	<u>Reference Top</u>		<u>Sample Top</u>		
Hush P	4341	-1223	4327	-1216	+7
Pawnee	4502	-1384	4480	-1369	+15
Myric	4541	-1423	4519	-1408	+15
Fort Scott	4557	-1439	4534	-1423	+16
Cherokee Shale	4585	-1467	4565	-1454	+13

DST #4 - 4584-4638' (Johnson). 30-30-30-30. IFP: 30-30. ISIP: 40. FFP: 30-30. FSIP: 30. Rec. 3' slight oil spotted mud.

11/11/95 RTD 4700'. Trip out for log.

	<u>Reference Top</u>		<u>Sample Top</u>		
Johnson	4627	-1509	4606	-1495	+14
Miss.	4693	-1575	4675	-1564	+11

11/12/95 Log tool stuck. Fish for logging tool. Log tool out of hole at midnight (approx.). It is our opinion that the log tool was differentially stuck at approx. 2500'. The decision was made not to run another log and risk getting the tool stuck again. With the J zone DST recovery and our structural position, we feel confident moving forward and running production casing.

11/13/95 Finish TOH with logging tool. TIH with drill pipe. Circ. and condition. TOH and lay down drill pipe.

11/14/95 Vess Oil Corporation assumed operations at csg point. Ran 113 jts new 10.5# 4 1/2" csg. Tally 4703'. Set @ 4695'. Cement first stage w/ 25 sx standard, 200 sx EA-2. Rotated pipe. Full circ. Second stage w/ 400 sx Mid Con 2. Plug down @ 6:45 p.m. on 11/13/95. Cement did circ. DV tool @ 2605'. Released rig.

COMPLETION/PRODUCTION REPORTS WILL BE FAXED TO YOU BY VESS OIL CORP.

KCC

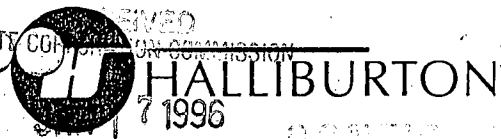
JAN 17

CONFIDENTIAL

CUSTOMER COPY

STATE COMMISSION

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



INVOICE

INVOICE NO.	DATE
915120	11/13/1999

CONFIDENTIAL

WELL/LEASE NO./PROJECT OWEN 1-15	WELL/PROJECT LOCATION LOGAN	STATE KS	OWNER SAME
SERVICE LOCATION HAYS	CONTRACTOR L.D. DRILLING	JOB PURPOSE CEMENT PRODUCTION CASING	TICKET DATE 11/13/1999
ACCT. NO. 494648	CUSTOMER AGENT DON POPP	VENDOR NO.	CUSTOMER P.O. NUMBER
SHIPPED VIA COMPANY TRUCK		FILE NO. 99464	

ORIGINAL

LANDMARK OIL EXPLORATION
250 N. WATER, SUITE 308
WICHITA, KS 67202

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

JAN 17

CONFIDENTIAL

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	100	MI	2.85	285.00
		1	UNT		
007-013	MULT STAGE CEMENTING-1ST STAGE	4700	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	GAL	.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	45.00	360.00
806.60004					
320	CEMENT BASKET 4 1/2"	2	EA	105.00	210.00
800.88813					
71	CEMENTER-TYPE P ES-4-1/2 BRD	1	EA	2,787.00	2,787.00
813.56125					
75	4 1/2" PLUG AND BAFFLE SET	1	EA	176.00	176.00
812.01153					
019-241	CASING SWIVEL W/O WALL CLEANER	1	JOB	185.00	185.00
504-280	MIDCON-2 STANDARD CEMENT	400	SK	11.72	4,688.00
504-308	CEMENT - STANDARD	225	SK	8.86	1,993.50
509-968	SALT	1550	LB	.15	232.50
507-775	HALAD-322	141	LB	7.00	987.00
508-127	CAL SEAL 60	9	SK	25.90	233.10
509-406	ANHYDROUS CALCIUM CHLORIDE	8	SK	36.75	294.00
507-210	FLOCELE	100	LB	1.65	165.00
500-207	BULK SERVICE CHARGE	683	CFT	1.35	922.05
500-306	MILEAGE CNTG MAT DEL OR RETURN	1604.025	TMI	.35	1,523.82
INVOICE SUBTOTAL					18,863.97

RELEASED

MAR 11 1997

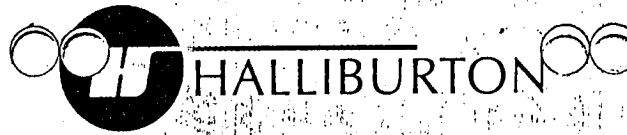
FROM CONFIDENTIAL

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AFFIX JOB TRK

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

CUSTOMER COPY



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

INVOICE

INVOICE NO.	DATE
915120	11/13/1999

WELL LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER
QWEN 1-16	LOGAN	KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
HAYS	L.D. DRILLING	CEMENT PRODUCTION CASING	11/13/1999
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
494648	DON POPP		
		SHIPPED VIA	FILE NO.
		COMPANY TRUCK	9946

LANDMARK OIL EXPLORATION
250 N. WATER, SUITE 308
WICHITA, KS 67202

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

REFERENCE NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	DISCOUNT-(BID)				6,602.36
	INVOICE BID AMOUNT				12,261.61
	*-KANSAS STATE SALES TAX				467.30
	*-HAYS CITY SALES TAX				95.37
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$12,824.28

RELEASED
APR 14 1997
FROM CONFIDENTIAL

AFFIX JOB TKT

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Post-it brand

Fax Transmittal Memo 7672

To: *Loe VonMiddt*

Company

Location

Fax #

Comments

Telephone # *KCC*

No. of Pages

From

Company

Location

Fax #

Original
Disposition:

Today's Date

Time

Michelle Vess

Dept. Charge

Telephone #

682-1537

Destroy

Return

Call for pickup

CONFIDENTIAL

JAN 17

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

INVOICE

915120 11/13/1995

QWEN 1-16 <i>10th</i>	LOGAN	KB	SAME
HAYS	L.D. DRILLING	CEMENT PRODUCTION CASING	11/13/1995
494648	DON POPP	COMPANY TRUCK	99464

DIRECT CORRESPONDENCE TO:

LANDMARK OIL EXPLORATION
250 N. WATER, SUITE 308
WICHITA, KS 67202

P O BOX 428
HAYS KS 67601
913-825-3431

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16	INSERT VALVE P. S.- 4 1/2"	1 EA	285.00	285.00
847.6316				
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RELEASED
MAR 11 1997

CONFIDENTIAL

INVOICE SUBTOTAL

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

AFFIX JOB TKT **TERMS:** 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 amount 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

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P.O. BOX 851046
DALLAS, TX 75395-1046



HALLIBURTON
CONFIDENTIAL

INVOICE

915120 11/13/1995

QWEN 1-16

LOGAN

ORIGINAL

KS

SAME

HAYS

L.U. DRILLING

CEMENT PRODUCTION CASING

11/13/1995

494648 DON POPP

COMPANY TRUCK 99464

LANDMARK OIL EXPLORATION
250 N. WATER, SUITE 308
WICHITA, KS 67202

REC
JAN 17
CONFIDENTIAL

DIRECT CORRESPONDENCE TO:

P O BOX 428
HAYS KS 67601
913-625-3431

DISCOUNT-(HID)
INVOICE BID AMOUNT

6,602.36-
12,261.61

*-KANSAS STATE SALES TAX
*-HAYS CITY SALES TAX

467.30
95.37

RELEASED
MAR 11 1997
FROM CONFIDENTIAL

INVOICE TOTAL - PLEASE PAY THIS AMOUNT

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AFFIX JOB TR1

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