

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

Form ACO-1
September 1999
Form Must Be Typed

Operator: License # 5935
Name: Mark L. Haas
Address: P.O. Box 23449
City/State/Zip: Shawnee Mission, KS 66253
Purchaser: n/a
Operator Contact Person: Mark Haas
Phone: (913) 402-0998
Contractor: Name: Coconut Drilling, Inc.
License: 7721
Wellsite Geologist: n/a
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. _____
10/30/03 11/03/03 11/03/03
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 059-24967-00-00
County: Franklin
E 7 2 SE NE Sec. 34 Twp. 15 S. R. 21 East West
3237 feet from S / N (circle one) Line of Section
330 feet from E / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Courter Well #: 4-W
Field Name: Paola - Rantoul
Producing Formation: Squirrel
Elevation: Ground: _____ Kelly Bushing: _____
Total Depth: 764' Plug Back Total Depth: 761'
Amount of Surface Pipe Set and Cemented at 20' Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 764
feet depth to surface w/ 116 sx cm.

Drilling Fluid Management Plan ALT #2 6/11/07
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used RECEIVED
Location of fluid disposal if hauled offsite: KANSAS CORPORATION COMMISSION
Operator Name: JAN 27 2004
Lease Name: _____ License No. _____
Quarter _____ Sec. _____ Twp. _____ S. WICHITA, KS 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 207B, 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: _____
Title: OPERATOR Date: January 21, 2004
Subscribed and sworn to before me this 21 day of JANUARY, 2004.
Notary Public: Donna Thando
Date Commission Expires: March 16, 2007

KCC Office Use ONLY

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

Operator Name: Mark L. Haas Lease Name: Courter Well #: 4-W
 Sec. 34 Twp. 15 S. R. 21 ☒ East ☐ West County: Franklin

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)

List All E. Logs Run:

☒ Log Formation (Top), Depth and Datum ☐ Sample
 Name Top Datum
 see attached

CASING RECORD ☐ New ☐ 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	# Sacs Used	Type and Percent Additives
Surface	10-1/4"	7"		20'		6 sx	
production	5-5/8"	2-7/8"		761'		116 az	50/50 poz 2% gel

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

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
none				

Date of First, Resumed Production, SWD or Enhr.	Producing Method	Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)						

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify)	

Kimzey Drilling Co.

License #33030

Marvin Kimzey
P.O. Box 131
La Cygne, KS 66040

Mark L. Haas
P.O. Box 23449
Shawnee Mission Ks. 66253
Courter #4w API#15-059-24967-00-00

ORIGINAL

Start Date: 10/30/03
End Date: 11/03/03

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KANSAS CORPORATION COMMISSION

JAN 27 2004

CONSERVATION DIVISION
WICHITA, KS

<u>Thickness of Strata</u>	<u>Strata Formation</u>	<u>Total Depth</u>
2	soil	2
17	clay	19
2	water sand	21
23	lime	44
6	shale	50
11	lime	61
5	shale	66
21	lime	87
32	shale	119
21	lime	140
82	shale	222
22	lime	244
48	shale	292
7	lime	299
19	shale	318
2	lime	320
15	shale	335
27	lime	362
2	shale	364
5	coal	369
24	lime	393
4	coal	397
11	lime	408
139	shale	547
3	black shale	550
17	shale	567
8	lime	575
8	shale	583
6	broken oil sand	589
20	sand shale	609
2	coal	611
2	shale	613
6	limey sand	619
15	shale	634
3	lime	637
1	shale	638
3	coal	641
11	lime	652
1	shale	653

Drilled 10 1/4ft. hole 20' set 20' of 7" surface w/6 sacks of cement.
Drilled 5 5/8 hole to 764' and ran 760' of 27/8 pipe.

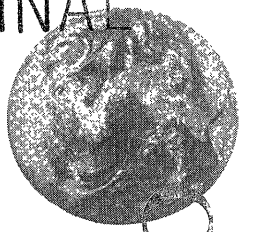
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JAN 27 2004
CONSERVATION DIVISION
WICHITA, KS

4
16
6
3
4
1
18
7
1
2
49

lime
shale
lime
coal
lime
coal
shale
oil sand
limey sand
oil sand
shale

657
673
679
682
686
687
705
712
713
715
764T.D.



**CONSOLIDATED
OIL WELL
SERVICES, INC.**
AN INFINITY COMPANY
211 W 14th, P.O. Box 884, Chanute, KS 66720 • 620/434-9210 • 800/457-8576

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JAN 27 2004
CONSERVATION DIVISION
WICHITA, KS

CONSOLIDATED OIL WELL SERVICES
3667 PAYSPIHERE CIRCLE
CHICAGO IL 60674

TERMS: Net 30 Days
A Finance Charge computed at 1%
per month (annual percentage rate of
12%) will be added to balances over
30 days.

INVOICE DATE	INVOICE NO.
11/10/03	00187502

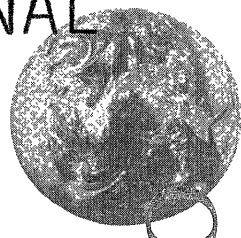
PLEASE REFER TO THIS ACCOUNT NUMBER WHEN MAKING INQUIRIES

ACCOUNT NO.	P.O. NO.	LOCATION	LEASE AND WELL NO.	DATE OF JOB	JOB TICKET NO.
3451	0048	20	COMETER 1-W	11/03/2003	24563

ITEM NUMBER	DESCRIPTION	UNITS	UNIT PRICE	UNIT MEAS	EXTENDED PRICE
5401	CEMENT PUMPER	1.0000	\$25.0000	EA	525.00
5402	CASTING FOOTAGE	760.0000	00.00	EA	.00
1118	PREMIUM GEL	4.0000	11.8000	SK	47.20
4402	2-1/2" RUBBER PLUG	1.0000	15.0000	EA	15.00
5609	MISC PUMP CEMENT TRUCK	.5000	00.00	FR	.00
5407	BULK CEMENT DELIVERY/MIN BULK DEL	1.0000	190.0000	EA	190.00
5802	80 BBL VACUUM TRUCK	2.5000	75.0000	FR	187.50
1124	50/50 POT CEMENT MIX	114.0000	6.4500	SK	735.30

GROSS INVOICE	TAX	PLEASE PAY
1700.00	54.23	1754.23

ORIGINAL INVOICE



CONSOLIDATED OIL WELL SERVICES, INC.

AN INFINITY COMPANY
211 W. 14th, P.O. Box 984, Chanute, KS 66706 520/431-0210 / 800/457-9676

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JAN 27 2004

CONSERVATION DIVISION
WICHITA, KS

ORIGINAL

HAAS, MARK
P.O. BOX 23449
SHAWNEE MISSION KS 66283-3449

CONSOLIDATED OIL WELL SERVICES
3667 PAYSPIRE CIRCLE
CHICAGO IL 60674

TERMS: Net 30 Days
A Finance Charge computed at 1%
per month (annual percentage rate of
12%) will be added to balances over
30 days.

PLEASE REFER TO THIS ACCOUNT NUMBER WHEN MAKING INQUIRIES

ACCOUNT NO.	PO. NO.	LOCATION	LEASE AND WELL NO.	DATE OF JOB	JOB TICKET NO.	EXTENDED PRICE
3451	848	20	COURTIER A W	10/31/2003	22026	
ITEM NUMBER			DESCRIPTION	UNITS	UNIT PRICE	EXTENDED PRICE
5401			CEMENT PUMPER	1.0000	\$25.0000 EA	\$25.00
1105			COTTONSEED HULLS	2.0000	\$2.9500 SK	25.90
1102			CALCIUM CHLORIDE (50#)	2.0000	\$4.0000 SK	68.00
5407			BULK CEMENT DELIVERY/MIN BULK DEL	1.0000	\$190.0000 EA	190.00
1104			CLASS A1 CEMENT	76.0000	\$8.2000 SK	623.20
TOTAL						1480.86
TAX						48.76
TOTAL						1529.62

ORIGINAL INVOICE

INVOICE DATE
10/31/03

INVOICE NO.
00187419

PLEASE PAY



CONSOLIDATED
OIL WELL
SERVICES
AN INFINITY COMPANY

211 W. 14TH STREET, CHANUTE, KS 66720
620-431-9210 OR 800-467-8676

ORIGINAL

TICKET NUMBER **20563**

LOCATION Ottawa

FIELD TICKET

DATE 11-3-03	CUSTOMER ACCT # 3451	WELL NAME Coultter H-4	QTR/QTR	SECTION 35	TWP 15	RGE 21	COUNTY Fr	FORMATION
CHARGE TO Haas D.I.				OWNER Mark Haas				
MAILING ADDRESS P.O. Box 23449				OPERATOR				
CITY & STATE Shawnee Mission KS				CONTRACTOR Kimsey				

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5401	1	PUMP CHARGE		525 ⁰⁰
5402	760'	Casing Footage	.14	NL
1118	4.5x	premium gel	11 ⁸⁰	47 ²⁰
4402	1	2 1/2 rubber plug		15 ⁰⁰
5609	1/2 hr	30 min MIT		NL
<div style="text-align: center;"> RECEIVED KANSAS CORPORATION COMMISSION JAN 27 2004 CONSERVATION DIVISION WICHITA, KS </div>				
5407	minimum	BLENDING & HANDLING		190 ⁰⁰
		TON-MILES		
		STAND BY TIME		
		MILEAGE		
5502	2 1/2	WATER TRANSPORTS		187 ²⁰
		VACUUM TRUCKS		225 ⁰⁰
		FRAC SAND		
1124	114	CEMENT 50/50 P02	6 ⁴⁵	735 ³⁰
			6.89 ⁰⁰	SALES TAX 54 ²³
ESTIMATED TOTAL				1754 ²³

Ravin 2790

CUSTOMER or AGENTS SIGNATURE

CIS FOREMAN

Alon Mader

CUSTOMER or AGENT (PLEASE PRINT)

DATE

11-3-03

187502

CONSOLIDATED OIL WELL SERVICES, INC.
211 W. 14TH STREET, CHANUTE, KS 66720
620-431-9210 OR 800-467-8676

ORIGINAL
TICKET NUMBER 29864
LOCATION Ottawa
FOREMAN Alan Mader

TREATMENT REPORT

DATE <u>11-3-03</u>	CUSTOMER # <u>3451</u>	WELL NAME <u>Couffer 4-W</u>	FORMATION
SECTION <u>35</u>	TOWNSHIP <u>15</u>	RANGE <u>21</u>	COUNTY <u>Fr</u>
CUSTOMER <u>Huag Oil</u>			
MAILING ADDRESS <u>P.O. Box 231149</u>			
CITY <u>Shawnee Mission</u>			
STATE <u>KS</u>		ZIP CODE <u>66283</u>	
TIME ARRIVED ON LOCATION <u>4:30 - 5:30 PM</u>			

TRUCK #	DRIVER	TRUCK #	DRIVER
<u>386</u>	<u>A Mader</u>		
<u>164</u>	<u>B Zabel</u>		
<u>369</u>	<u>A Hardman</u>		
<u>195</u>	<u>B Arb</u>		

WELL DATA	
HOLE SIZE <u>5 7/8</u>	PACKER DEPTH
TOTAL DEPTH <u>764</u>	PERFORATIONS
	SHOTS/FT
CASING SIZE <u>2 7/8</u>	OPEN HOLE
CASING DEPTH <u>761</u>	
CASING WEIGHT	TUBING SIZE
CASING CONDITION	TUBING DEPTH
	TUBING WEIGHT
	TUBING CONDITION
TREATMENT VIA	

TYPE OF TREATMENT	
<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input checked="" type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISF. PUMP	<input type="checkbox"/>
<input type="checkbox"/> OTHER	<input type="checkbox"/>

PRESSURE LIMITATIONS		
	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

INSTRUCTION PRIOR TO JOB Established circulation. Mix + pumped 2sx gel followed by 5bbl water. Mixed + pumped 116 gr 50/100, 290 gal. Circulated cement to surface. Flushed pump clean. Pumped 2 1/2 rubber plug to TD.

AUTHORIZATION TO PROCEED Well held 850 PSI for 30 min. MIT. TITLE 16:55 - 17:25 DATE

TIME AM / PM	STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
							BREAKDOWN PRESSURE
						<u>400</u>	DISPLACEMENT
							MIX PRESSURE
							MIN PRESSURE
						<u>800</u>	ISIP
						<u>800</u>	15 MIN.
							MAX RATE
							MIN RATE

Alan Mader

TERMS

In consideration of the prices to be charged for our services, equipment and products as set forth in Consolidated Oil Well Services, Inc's (COWS) current Price Schedule, and for the performance of services and supplying of materials; customer agrees to the following terms and conditions.

Terms. Cash in advance unless satisfactory credit is established. On credit sales, invoices payable to P.O. Box 884, Chanute, KS 66720. Invoices payable within 30 days of invoice date. Charges subjected to interest after 30 days from invoice date. Interest will be charged at Maximum rate allowed by law. In the event it is necessary to employ an attorney to enforce collection of such account, customer agrees pay all collection costs and attorney's fees in the amount of 20% of said amount.

Any applicable federal, state or local sales, use, occupation, consumer's or emergency taxes shall be added to the quoted price.

A sales tax reimbursement of 2% is applied to chemical and product charges for all services performed on oil and gas wells in the State of Texas.

All process license fees required to be paid to others will be added to the scheduled prices.

All prices are subject to change without notice.

SERVICE CONDITIONS

Customer warrants that the well is in proper condition to receive the services, equipment, products, and materials to be supplied by COWS.

"The customer shall at all time have complete care, custody, and control of the well, the drilling and production equipment at the well, and the premises about the well. A responsible representative of the customer shall be present to specify depths, pressures, or materials used for any service which is to be performed."

- (a) COWS shall not be responsible for, and customer shall secure COWS against any liability for damage to property of customer and of the well owner (if different from customer), unless caused by the willful misconduct or gross negligence of COWS, this provision applying to but not limited to sub-surface damage and surface damage arising from subsurface damage.
- (b) Customer shall be responsible for and secure COWS against any liability for reservoir loss or damage, or property damage resulting from sub-surface pressure, losing control of the well and/or a well blowout, unless such loss or damage is caused by the willful misconduct of gross negligence of COWS.

- (c) Customer shall be responsible for and secure COWS against any and all liability of whatsoever nature for damages as a result of a subsurface trespass, or an action in the nature thereof, arising from a service operation performed by COWS hereunder.

- (d) Customer shall be responsible for and secure COWS against any liability for injury to or death of persons, other than employees of COWS, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole, unless such damage shall be caused by the willful misconduct or gross negligence of COWS.

- (e) COWS makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or services.

- (f) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, COWS is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by COWS. COWS personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but customer agrees that COWS shall not be responsible for any damage arising from the use of such information except where due to COWS gross negligence or willful misconduct in the preparation or furnishing of it.

WARRANTIES - LIMITATION OF LIABILITY

COWS warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OR MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. COWS's liability and customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to COWS or, at COWS's option, to the allowance to the customer of credit for the cost of such items. In no event, shall COWS be liable for special, incidental, indirect, punitive or consequential damages.

COWS personnel will use their best efforts in gathering such information and their best judgement in interpreting it, but Customer agrees that COWS shall not be liable for and CUSTOMER SHALL INDEMNIFY AGAINST ANY DAMAGED ARISING FROM THE USE OF SUCH INFORMATION, even if such is contributed by the COWS negligence or fault.