

ORIGINAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33247  
Name: Petrol Oil and Gas, Inc.  
Address: 401 Pearson Ave.  
City/State/Zip: Waverly, KS 66871  
Purchaser: Enbridge  
Operator Contact Person: John Nunneley  
Phone: ( 785 ) 733-2158  
Contractor: Name: Well Refined Drilling Co., Inc. / Skyy Drilling, LLC  
License: 33072 / 33557  
Wellsite Geologist: William M. Stout

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/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. \_\_\_\_\_  

02/06/06	02/07/06	N/C
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 031-22162-00-00  
County: Coffey  
\_\_\_\_\_ ApNW \_\_\_\_\_ SESE \_\_\_\_\_ SW Sec. 1 Twp. 20 S. R. 16  East  West  
350 feet from (N) / N (circle one) Line of Section  
2280 feet from E / (W) (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW (SW)  
Lease Name: Huggard Huggard Well #: 1-1  
Field Name: Hatch NE per intent NH 6-27-08  
Producing Formation: N/A  
Elevation: Ground: N/A Kelly Bushing: N/A  
Total Depth: 1643' Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 40' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan Alt II NH 6-27-08  
(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: John Nunneley  
Title: Agent Date: 2-8-07  
Subscribed and sworn to before me this 8th day of FEBRUARY  
2007  
Notary Public: Sandra D. Pyle  
Date Commission Expires: 2-6-10

NOTARY PUBLIC - State of Kansas  
SANDRA D. PYLE  
My Appt. Exp. 2-6-10

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
**RECEIVED**  
**KANSAS CORPORATION COMMISSION**  
**FEB 14 2007**

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Petrol Oil and Gas, Inc. Lease Name: Huggard Well #: 1-1  
 Sec. 1 Twp. 20 S. R. 16  East  West County: Coffey

**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)

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum

List All E. Logs Run:

Drillers Logs, Gamma Ray Neutron

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 1/4"	8 5/8"	32#	40'	Portland	4 Sks	
Production	6 3/4"	4 1/2"	9.5#	1640'	Thick Set	175 Sks	Kol Seal #4 per

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)	
		Amount and Kind of Material Used	Depth
4	816-20, 847-50, 1058-60, 1125-27, 1196-1201, 1264-67,	500 gal 15% HCL, 736 bbls water max flo, 172 sks 20/40	816-1201
4	1276-79, 1308-10, 1328-31, 1360-63, 1426-29,	500 gal 15% HCL, 673 bbls water max flo, 147 sks 20/40	1264-1363
4	1483-86, 1533-35, 1542-45, 1549-52, 1558-61	500 gal 15% HCL, 725 bbls water max flo, 195 sks 20/40	1426-1561

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8	1561'		<input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method							
N/A	<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
	x	0	x	0	x	300		

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

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**KANSAS CORPORATION COMMISSION**

**FEB 14 2007**

**CONSERVATION DIVISION**  
**WICHITA, KS**

Well Refined Drilling Co., Inc.  
 4230 Douglas Road  
 Thayer, KS 66776

# Invoice

Invoice Number:  
 020706-R3-011

Invoice Date:  
 Feb 7, 2006

Voice: 620-839-5581  
 Fax: 620-839-5582

Page:  
 1

Sold To:  
 Petrol Oil & Gas  
 RT 1 Box 157A  
 Thayer, KS 66776

Ship to:

**COPY**

Customer ID	Customer PO	Payment Terms	
POG	Huggard 1-1	C.O.D.	
Sales Rep ID	Shipping Method	Ship Date	Due Date
	Rig 3		2/7/06

Quantity	Item	Description	Unit Price	Extension
		API# 15-031-22162-0000		
		S1,T20S.R16E of Coffey County, KS		
		Spud Date: 2/6/06		
330.00	DRI-3	Well Drilling (feet) 6 3/4"	7.50	2,475.00
4.00	PC	Portland Cement	10.00	40.00
1.00		Fuel Surcharge	231.00	231.00
1.00		Mobilization	1,500.00	1,500.00

**RECEIVED**  
 MAR 10 2005  
 By: *[Signature]*

Subtotal 4,246.00  
 Sales Tax  
 Total Invoice Amount 4,246.00  
 Payment/Credit Applied  
**TOTAL 4,246.00**

Check/Credit Memo No:

**RECEIVED** *TJK*  
 KANSAS CORPORATION COMMISSION

Invoices 30 days overdue are subject to finance charges of 1.5% (18% APR).

**FEB 14 2007**

CONSERVATION DIVISION  
 WICHITA, KS

Well Refined Drilling Company, Inc.  
 4270 Gray Road - Thayer, KS 66776  
 Contractor License # 33072 - FEIN [redacted]  
 620-763-2619/Office; 620-432-6170/Cell; 620-763-2065/FAX



Rig #:	3		Lic # 33247
API #:	15-031-22162-00-00		
Operator:	Petrol Oil & Gas, Inc.		
Address:	P.O Box 34		
	Piqua, Ks 66761		
Well #:	1-1	Lease Name:	Haggard
Location:	350	ft. from S	Line
	2280	ft. from W	Line
Spud Date:	2/6/2006		
Date Completed:	2/7/2006	TD:	330
Drille: Randy Cox			
Casing Record	Surface	Production	
Hole Size	12 1/4"	6 3/4"	
Casing Size	8 5/8"		
Weight			
Setting Depth	42' 8"		
Cement Type	Portland		
Sacks	4		
Feet of Casing			

S 1	T 20S	R 16E
Location:		NW, SE, SE, SW
County:		Coffey

Gas Tests			
Depth	Oz.	Orifice	flow - MCF

06LB-020706-R3-011-Haggard 1-1 - Petrol Oil & Gas

Rig Time	Work Performed


Well Log

Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
0	1	Overburden						
1	2	clay						
2	21	lime						
21	67	shale						
67	84	lime						
84	89	blk shale						
89	91	lime						
91	108	shale						
108	119	lime						
119	153	shale						
153	191	sand						
170		Water						
191	330	shale						
330		Total Depth						

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 CONSERVATION DIVISION  
 WICHITA, KS

Skyy Drilling LLC.  
800 W. 47<sup>th</sup> St. Suite # 409  
Kansas City, MO 64112  
Phone # (816) 531-5922  
Fax # (816) 753-0140

**COPY**

**Drilling Log & Bill**

February 21, 2006

Company: Petrol Oil & Gas  
401 Pearson Avenue # 447  
Waverly, KS 66821

Lease: Huggard Well # 1-I  
County: Coffey Spot: NW SESE SW Section 1- Township 20 S Range 16E  
API#: 031-22162-0000  
Spud Date: 2-13-06  
TD 1643

2-13-06 Moved in and rigged up over air hole. Drilled rat hole. 4 Hours Rig Time Spotting rig over hole. At 8:00 p.m., started in hole with 7 7/8 bit – Ream hole from 40' to 330'. 3 Hours Rig Time Reaming. Drilling new hole @ 3:30 a.m. – Drilled from 330' to 660.

2-14-06 Drilled for 660' to 1584' @ 1014' Jetted pit's & mud up hole 2 hours Rig Time.

2-15-06 Drilled from 1584' to 1643' TD. At TD Circulate hole ½ hour. Mixed mud 1 Hour. Circulate hole ½ hour. Short Trip back up to 800' 1 ½ hour. Circulate hole 1 hour – L.D.D.P and collars 1 ½ hour – rig up logger and log hole – 4 hours – rig and ran 1634' 4 ½ casing and cement – 2 hour rig time.

Total Footage 1643' @ \$9.00 per foot	\$14,787.00
Total Rig Time – 21 Hours @ \$165.00 per hour.	<u>3,465.00</u>
Total Due	\$18,252.00

Thank you!

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KANSAS CORPORATION COMMISSION

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CONSERVATION DIVISION  
WICHITA, KS

CONSOLIDATED OIL WELL SERVICES, INC.

P.O. BOX 884, CHANUTE, KS 66720

620-431-9210 OR 800-467-8676

TICKET NUMBER 08315

LOCATION Eureka

FOREMAN Troy Strickler

TREATMENT REPORT & FIELD TICKET  
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY																				
2-15-06	6267	Huggard 1-1	1	20	16	Coffey																				
CUSTOMER <u>Petrol oil + Gas. Inc.</u>			<table border="1"> <thead> <tr> <th>TRUCK #</th> <th>DRIVER</th> <th>TRUCK #</th> <th>DRIVER</th> </tr> </thead> <tbody> <tr> <td>463</td> <td>Alan</td> <td></td> <td></td> </tr> <tr> <td>479</td> <td>Calin</td> <td></td> <td></td> </tr> <tr> <td>441</td> <td>Larry</td> <td></td> <td></td> </tr> <tr> <td>452/T63</td> <td>Jim</td> <td></td> <td></td> </tr> </tbody> </table>				TRUCK #	DRIVER	TRUCK #	DRIVER	463	Alan			479	Calin			441	Larry			452/T63	Jim		
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452/T63	Jim																									
MAILING ADDRESS <u>P.O. Box 447</u>																										
CITY <u>Waverly</u>	STATE <u>Ks</u>	ZIP CODE <u>66871</u>																								
SKRY DRY.																										

JOB TYPE Longstring HOLE SIZE 7 7/8" HOLE DEPTH 1643' CASING SIZE & WEIGHT 4 1/2"  
 CASING DEPTH 1640' KB DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 12.8-13.4 SLURRY VOL \_\_\_\_\_ WATER gal/sk 7.8 CEMENT LEFT in CASING 0'  
 DISPLACEMENT 26.6 DISPLACEMENT PSI 700 ~~MIN~~ PSI 1300 Bump Plug RATE \_\_\_\_\_

REMARKS: Safety Meeting: Rig up to 4 1/2" casing. Break circulation w/ 10 Bbl Fresh water. Pump 15 Bbl Metasilicate Pre Flush. 5 Bbl spacer. Mixed 125 sks 60/40 Poz-mix Cement w/ 6% Gel + 1/4" Ppsk Floccle. Tail in w/ 175 sks Thick Set Cement w/ 4" Ppsk Kol-Seal @ 13.4" Ppsk. Shut Down. Wash out pump + lines. Released Plug. Displaced w/ 26.6 Bbl water. Final Pump Pressure 700 PSI. Bump Plug to 1300 PSI. Wait 2 mins. Check Float. Float Held. Shut Casing in O PSI. Good Cement To Surface = 10 Bbl Slurry to Pit.

Job Complete.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		
5406	50	MILEAGE	3.15	157.50
1126A	175 sks	Thick Set Cement	13.65	2388.75
1110A	14 sks	Kol-Seal 4" Ppsk	17.75	248.50
1131	125 sks	60/40 Poz-mix	8.40	1050.00
1118A	12 sks	Gel 6%	7.00	84.00
1107	1 sk	Floccle	44.90	44.90
1111A	100*	Metasilicate Pre-Flush	1.65	165.00
5407A	14.9 Ton	Ton Mileage Bulk Truck	1.05	782.25
5501C	4 hrs.	Water Transport	98.00	392.00
1123	4000 gal	City Water	12.80	51.20
4129	4	4 1/2" x 7 7/8" Centralizers	29.00	116.00
4129	4	4 1/2" x 7 7/8" Centralizers for Kunkel S-1	29.00	116.00
4404	1	4 1/2" Top Rubber Plug	40.00	40.00
		Sub Total		6436.10
		5.3% SALES TAX		228.13
		ESTIMATED TOTAL		6664.23

AUTHORIZATION Called by Chad

203010

TITLE Company Rep.

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KANSAS CORPORATION COMMISSION

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