

**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

**ORIGINAL**

Operator: License # 4656  
Name: Davis Petroleum, Inc.  
Address: 7 SW 26th Avenue  
City/State/Zip: Great Bend, KS 67530  
Purchaser: Eaglwing  
Operator Contact Person: L. D. Davis  
Phone: (620) 793-3051  
Contractor: Name: Petromark Drilling  
License: 33323  
Wellsite Geologist: Kim Shoemaker

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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. \_\_\_\_\_

11-8-04	11-16-04	12-1-04
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 009-24804-00-00  
County: Barton  
SE NE SW    Sec. 1 Twp. 17 S. R. 15  East  West  
1650 feet from (S) / N (circle one) Line of Section  
2310 feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW (SW)  
Lease Name: Hejny "A" Well #: 4

Field Name: Leoville  
Producing Formation: Kansas City  
Elevation: Ground: 1961 Kelly Bushing: 1967  
Total Depth: 3455 Plug Back Total Depth: 3430  
Amount of Surface Pipe Set and Cemented at 962 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**  
(Data must be collected from the Reserve Pit) *ALT I with 6-25-07*  
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: Bessie Newkirk  
Title: Sec/Treas. Date: 1-25-05

Subscribed and sworn to before me this 25<sup>th</sup> day of January,  
20 05.

Notary Public: Rashell Patten  
Date Commission Expires: 2-2-07

Rashell Patten  
NOTARY PUBLIC - STATE OF KANSAS  
**Rashell Patten**  
My Appt. Exp. 2-2-07

**KCC Office Use ONLY**

Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: Davis Petroleum, Inc. Lease Name: Hejny "A" Well #: 4  
 Sec. 1 Twp. 17 S. R. 15  East  West County: Barton

**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 <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" 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 checked="" type="checkbox"/> No	Anhydrite	969	+998
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Topeka	2908	-941 +4'to#2
List All E. Logs Run:		Heebner	3143	-1176
		Brown Lime	3206	-1239
		Lansing	3222	-1255
		Base K/C	3428	-1485
		Arbuckle	3455	-1488

Radiation Guard Log  
Sonic Cement Bond Log

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"	23#	962.89	Acon/60/40	200/200	3% cc, 25 Cell flake
Production		5 1/2"	14#	3455	AA-2 Common/60-40	150	

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 <i>(Amount and Kind of Material Used)</i>	Depth
2	3368-3372	4000 Gal 15%	
2	3384-3388		
2	3404-3408		

TUBING RECORD	Size Set At <b>2 7/8" 3452'</b>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr. <b>12-14-04</b>	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. <b>8</b>	Gas Mcf	Water Bbls. <b>12</b>	Gas-Oil Ratio	Gravity
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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: \_\_\_\_\_









**TREATMENT REPORT**

Customer ID	Date
Customer: <b>Davis Petroleum</b>	<b>11-16-04</b>
Lease: <b>Hejny</b>	Lease No. <b>4</b>
Well # <b>4</b>	County: <b>Barton</b>
State: <b>KS</b>	Station: <b>Pratt KS</b>
Casing: <b>5 1/2</b>	Depth: <b>3954</b>
Formation	Legal Description: <b>1-175-164</b>

Field Order # **9012**  
 Job Type: **Longstring New Well**

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size: <b>5 1/2</b>	Tubing Size	Shots/Ft: <b>1.44</b>	<b>15.0</b>	Acid: <b>AA-2 1020 salt 5<sup>th</sup> G</b>	RATE: <b>.8 FLU-37</b>	PRESS: <b>2000</b>	ISIP
Depth: <b>3944</b>	Depth: <b>PBTD</b>	From	To	Pre Pad: <b>136.B. 25 FR. 10 F</b>	Max		5 Min.
Volume: <b>84</b>	Volume	From	To	Pad: <b>25ski 60-40 poz</b>	Min		10 Min.
Max Press: <b>2000</b>	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush: <b>20 Bbl. KCL 12 Bbl</b>	Gas Volume		Total Load

Customer Representative: **I.D. Davis** Station Manager: **Dave Arty** Treater: **D Scott**

Service Units	<b>118</b>	<b>80</b>	<b>57</b>	<b>35</b>	<b>21</b>			
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1430					On loc w/Trki safety mtg G.S. Bottom ISFV Top S.J. Cent. 1-3-5-7-9 Csg on Bottom Drop Ball + Circ w/Rig
2450	200		20	5	2% KCL Flush
2455	200		12	5	St mud Flush
2457	200		5	5	H2O Spacer
2502	260		38.4	4.3	mix cnt @ 15.0 ppg 150ski
2512	0		10	5	Close In + Wash Pump + line
2513	100			7	Release Top Plug + St Disp
2522	306		62	7	62 Bbl Disp out Lift Cmf
2527	1300		84	0	Plug Down + psi test Csg
2528	0				Release pri float Held Plug R.H. M.H. w/25ski 60-40poz Good Circ Thru Job

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Job Complete  
 Thank you  
 Scotty  
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**DAILY DRILLING REPORT**

OPERATOR: DAVIS PETROLEUM, INC LEASE: HEJNY "A" #4  
SE NE SW Sec. 1-17-15  
WELLSITE GEOLOGIST: KIM SHOEMAKER Barton Co., KS

CONTRACTOR: PETROMARK DRILLING, LLC ELEVATION: GR: 1961'  
KB: 1967'

SPUD: 11/08/04 7:30 pm PTD: 3500'

SURFACE: Ran 31 jts new 23# 8 5/8" Surface Csg, tally 961.89 Set @ 962.89'  
w/ 200 sx. of Acon 3% CC, .25 Cello Flake, 200 sx., 60/40 3% CC, .25 Cello Flake  
Did Circulate. Plug Down @ 12:15 AM, 11/10/04 By Acid Service Tkt #9010

11/06/04 Move In  
11/07/04 Rig up (dropped pump) repair  
11/08/04 Spud @ 7:30 PM  
11/09/04 682' Drilling (6:00 AM)  
11/10/04 964' Drilling cement & Plug  
1053' @ 10:59 AM  
11/11/04 1932' Drilling  
11/12/04 2758' Drilling & Geologist on his way  
11/13/04 3110' DST #1 OB 8:00 A.M.  
11/14/04 3270' Drilling  
11/15/04 3442' Drilling  
11/16/04 3455 RTD  
Ran 79 jts new 5 1/2" - 14# Casing set 2' off bottom  
@ 3455, w/150 sx class AA2, Plug Down 5:30 p.m.  
on 11/16/04, Acid Service Tk #6012

**SAMPLE TOPS:**

Anhydrite	969	+998	
Topeka	2908	-941	+4' to #2
Heebner	3143	-1176	
Brown Lime	3206	-1239	
Lansing	3222	-1255	
Base K/C	3428	-1461	
Arbuckle	3452	-1485	
RTD	3455	-1488	

**DST #1 3080 - 3110 Topeka**  
TIMES: 30-30  
BLOW: 1st Open: Weak Surface Blow  
2nd Open:  
RECOVERY: 10' mud w/oil specks  
IFP: 28-34 ISIP: 1020  
FFP: FSIP:  
TEMP: 83 degrees

**DST #2 3213 - 3241 Lansing "A"**  
TIMES: 30-30-30-30  
BLOW: 1st Open: blt to 2"  
2nd Open: 1" blow  
RECOVERY: 65' gip, 55' wm w/specks of  
oil, 40% water  
IFP: 23-43 ISIP: 952  
FFP: 45-55 FSIP: 939  
TEMP: 92 degrees

**DST #3 3338 - 3415 Lansing H-K**  
TIMES: 30-45-45-60  
BLOW: 1st Open: bb in 12 min  
2nd Open: bb in 5 min  
RECOVERY: 800' gip 90' hogcm, 25%gas  
25%oil,50%mud, 50' mgo, 25%gas,30%m,40%o  
IFP: 37-62 ISIP: 870  
FFP: 68-94 FSIP: 839  
TEMP: 90 degrees

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SE NE SW Sec. 1-17-15  
WELLSITE GEOLOGIST: KIM SHOEMAKER Barton Co., KS  
CONTRACTOR: PETROMARK DRILLING, LLC ELEVATION: GR: 1961'  
KB: 1967'  
SPUD: 11/08/04 7:30 pm PTD: 3500'

**LOG TOPS:**

Anhydrite	964	+1003
Topeka	2911	-944
Heebner	3142	-1175
Brown Lime	3207	-1240
Lansing	3223	-1256
Base K/C	3430	-1463
Arbuckle	3452	-1485
LTD	3457	-1490

**DST #4 3427 - 3455 Arbuckle**

TIMES: 30-45-45-60  
BLOW: 1st Open: blt to 10"  
2nd Open: blt to 5"  
RECOVERY: 300' gip, 150 cgo, 37 gravity  
90' wgmo, 15% w, 10% m, 10% gas, 65% oil  
IFP: 42-73 ISIP: 1136  
FFP: 88-122 FSIP: 1137  
TEMP: 94 degrees

**DST #5**

TIMES:  
BLOW: 1st Open:  
2nd Open:  
RECOVERY:  
IFP: ISIP:  
FFP: FSIP:  
TEMP:

**DST #6**

TIMES:  
BLOW: 1st Open:  
2nd Open:  
RECOVERY:

IFP: ISIP:  
FFP: FSIP:  
TEMP:

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