

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33017  
Name: Davis Operating Company  
Address: 2800 Mid-Continent Tower  
City/State/Zip: Tulsa, OK 74103  
Purchaser: Oneok Gas Marketing  
Operator Contact Person: Autumn R. Minnick  
Phone: ( 918 ) 587-7782  
Contractor: Name: Arkoma Drilling Company  
License: 33841  
Wellsite Geologist: \_\_\_\_\_

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. \_\_\_\_\_

11/04/06	11/12/06	11/22/06
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 099-23989-09-00  
County: Labette  
\_\_\_\_\_ NW \_\_\_\_\_ SW \_\_\_\_\_ SE \_\_\_\_\_ Sec. 7 Twp. 35 S. R. 19  East  West  
1150 feet from S / N (circle one) Line of Section  
2150 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Carla Well #: 1H-7  
Field Name: Edna Hollow  
Producing Formation: Weir-Pittsburg Coal  
Elevation: Ground: 996' Kelly Bushing: 1007'  
Total Depth: 1882' Plug Back Total Depth: 1882'  
Amount of Surface Pipe Set and Cemented at 51 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 913  
feet depth to surface w/ 50 <sup>sx cmt.</sup>

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content 0 ppm Fluid volume 0 bbls  
Dewatering method used N/A - Air drilled  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

AH 2-Dlg-1/27/09

**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: Autumn R. Minnick  
Title: Geologist Date: 1/24/08  
Subscribed and sworn to before me this 24<sup>th</sup> day of January  
20 08  
Notary Public: Bob Rosey Notary Public in and for State of Oklahoma  
Commission # 00010443 Exp. 07-10-08  
Date Commission Expires: July 10, 2008

**KCC Office Use ONLY**

**N** Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
Wireline Log Received \_\_\_\_\_  
Geologist Report Received \_\_\_\_\_ **RECEIVED**  
UIC Distribution \_\_\_\_\_ **KANSAS CORPORATION COMMISSION**

**JAN 29 2008**

Operator Name: Davis Operating Company Lease Name: Carla Well #: 1H-7  
 Sec. 7 Twp. 35 S. R. 19  East  West County: Labette

**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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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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
Production	8 3/4"	7"	23	913	Cl. H	50	
Liner	6"	4 1/2"	11.6	1882'	N/A		

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
24	913' - 1882'	N/A	

TUBING RECORD	Size 2 3/8"	Set At 800'	Packer At N/A	Liner Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. 12/28/06		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 Bbls. 0	Gas Mcf 100	Water Bbls. 8	Gas-Oil Ratio N/A

Disposition of Gas <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION <input checked="" type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify)	Production Interval
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**JAN 29 2008**  
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 WICHITA, KS





# Scientific Drilling International

## Survey Completion Report

<b>Company:</b> Davis Operating Company	<b>Date:</b> 11/13/2006	<b>Time:</b> 16:20:23	<b>Page:</b> 1
<b>Field:</b> Labette Co., KS	<b>Co-ordinate(NE) Reference:</b>	<b>Site:</b> Sec 7 - 35S - 19E, True North	
<b>Site:</b> Sec 7 - 35S - 19E	<b>Vertical (TVD) Reference:</b>	<b>SITE</b> 996.0	
<b>Well:</b> Carla #1H-7	<b>Section (VS) Reference:</b>	<b>Well</b> (0.00N,0.00E,50.74Azi)	
<b>Wellpath:</b> Original Wellpath	<b>Survey Calculation Method:</b>	<b>Minimum Curvature</b>	<b>Db:</b> Sybase

<b>Survey:</b> Survey #1	<b>Start Date:</b>	11/13/2006
<b>Company:</b> Scientific Drilling Intl.	<b>Engineer:</b>	Goff/Bullard
<b>Tool:</b>	<b>Tied-to:</b>	From Surface

<b>Field:</b> Labette Co., KS Labette Co., KS	
<b>Map System:</b> US State Plane Coordinate System 1983	<b>Map Zone:</b> Kansas, Southern Zone
<b>Geo Datum:</b> GRS 1980	<b>Coordinate System:</b> Site Centre
<b>Sys Datum:</b> Mean Sea Level	<b>Geomagnetic Model:</b> igrf2005

<b>Site:</b> Sec 7 - 35S - 19E		
<b>Section 7-35S-19E</b>		
<b>Site Position:</b>	<b>Northing:</b> 1471057.06 ft	<b>Latitude:</b> 37 3 37.000 N
<b>From:</b> Geographic	<b>Easting:</b> 2227493.02 ft	<b>Longitude:</b> 95 21 48.000 W
<b>Position Uncertainty:</b> 0.0 ft		<b>North Reference:</b> True
<b>Ground Level:</b> 0.0 ft		<b>Grid Convergence:</b> 1.93 deg

<b>Well:</b> Carla #1H-7 Carla #1H-7	<b>Slot Name:</b>	
<b>Well Position:</b> +N/-S 0.0 ft	<b>Northing:</b> 1471057.06 ft	<b>Latitude:</b> 37 3 37.000 N
+E/-W 0.0 ft	<b>Easting:</b> 2227493.02 ft	<b>Longitude:</b> 95 21 48.000 W
<b>Position Uncertainty:</b> 0.0 ft		

<b>Wellpath:</b> Original Wellpath Original Wellpath Carla #1H-7	<b>Drilled From:</b> Surface		
<b>Current Datum:</b> SITE	<b>Tie-on Depth:</b> 0.0 ft		
<b>Magnetic Data:</b> 5/8/2006	<b>Above System Datum:</b> Mean Sea Level		
<b>Field Strength:</b> 52674 nT	<b>Declination:</b> 3.58 deg		
<b>Vertical Section:</b> Depth From (TVD)	<b>Mag Dip Angle:</b> 65.80 deg		
ft	+N/-S	ft	Direction
0.0	ft	0.0	deg
		0.0	50.74

Survey										
MD	Incl	Azim	TVD	N/S	E/W	VS	DLS	ClsD	ClsA	Comment
ft	deg	deg	ft	ft	ft	ft	deg/100ft	ft	deg	
0.0	0.00	50.74	0.0	0.0	0.0	0.0	0.00	0.0	0.00	
97.0	1.17	126.92	97.0	-0.6	0.8	0.2	1.21	1.0	126.92	
127.0	1.76	92.82	127.0	-0.8	1.5	0.7	3.43	1.7	118.17	
157.0	4.38	62.39	156.9	-0.3	3.0	2.1	9.99	3.0	95.63	
187.0	8.97	51.62	186.7	1.7	5.8	5.6	15.79	6.1	73.81	
217.0	14.16	51.82	216.1	5.4	10.5	11.6	17.30	11.9	62.82	
247.0	18.72	50.99	244.9	10.7	17.2	20.1	15.22	20.2	58.04	
277.0	22.85	47.80	272.9	17.7	25.2	30.7	14.27	30.8	55.01	
339.0	30.11	52.72	328.4	35.2	46.6	58.3	12.22	58.4	52.91	
369.0	34.40	52.76	353.7	44.9	59.3	74.3	14.30	74.4	52.88	
398.0	38.06	51.82	377.1	55.4	72.8	91.4	12.76	91.5	52.76	
428.0	40.63	50.91	400.3	67.2	87.7	110.5	8.78	110.5	52.52	
459.0	43.67	50.41	423.3	80.4	103.8	131.3	9.87	131.3	52.22	
490.0	46.97	49.25	445.1	94.7	120.6	153.3	10.97	153.3	51.88	
519.0	50.54	51.40	464.2	108.6	137.4	175.1	13.51	175.1	51.69	
549.0	55.01	51.13	482.4	123.5	156.0	199.0	14.92	199.0	51.64	
580.0	58.83	49.85	499.3	140.0	176.1	224.9	12.80	225.0	51.50	
609.0	62.68	48.10	513.5	156.6	195.1	250.2	14.28	250.2	51.25	
639.0	66.41	46.88	526.3	175.0	215.1	277.3	12.96	277.3	50.88	
669.0	68.68	47.04	537.8	193.9	235.4	304.9	7.58	304.9	50.52	
699.0	73.26	48.21	547.6	213.0	256.3	333.2	15.71	333.3	50.28	
728.0	76.39	48.28	555.2	231.6	277.2	361.2	10.80	361.2	50.12	
758.0	76.95	48.52	562.1	251.0	299.0	390.4	2.02	390.4	49.99	
785.1	77.86	48.85	568.0	268.4	318.9	416.8	3.56	416.8	49.91	Weir Pitt Coal

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CONSERVATION DIVISION  
WICHITA, KS

# Scientific Drilling International

## Survey Completion Report

<b>Company:</b> Davis Operating Company <b>Field:</b> Labette Co., KS <b>Site:</b> Sec 7 - 35S - 19E <b>Well:</b> Carla #1H-7 <b>Wellpath:</b> Original Wellpath	<b>Date:</b> 11/13/2006 <b>Time:</b> 16:20:23 <b>Page:</b> 2 <b>Co-ordinate(NE) Reference:</b> Site: Sec 7 - 35S - 19E, True North <b>Vertical (TVD) Reference:</b> SITE 996.0 <b>Section (VS) Reference:</b> Well (0.00N,0.00E,50.74Azi) <b>Survey Calculation Method:</b> Minimum Curvature <b>Db:</b> Sybase
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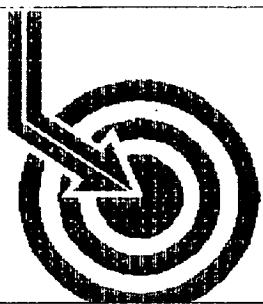
### Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	ClsD ft	ClsA deg	Comment
789.0	77.99	48.90	568.8	271.0	321.8	420.6	3.56	420.7	49.90	
818.0	79.03	49.01	574.6	289.6	343.2	449.0	3.61	449.1	49.84	
848.0	80.91	50.17	579.8	308.8	365.7	478.6	7.33	478.6	49.82	
855.0	81.32	50.96	580.9	313.2	371.0	485.5	12.60	485.5	49.83	
873.0	84.73	50.96	583.1	324.4	384.9	503.3	18.94	503.4	49.87	
941.0	90.54	50.62	585.9	367.4	437.5	571.2	8.56	571.3	49.98	
962.0	90.30	51.40	585.7	380.6	453.8	592.2	3.89	592.3	50.02	
973.0	90.20	51.60	585.7	387.4	462.5	603.2	2.03	603.3	50.05	
1004.0	91.98	52.41	585.1	406.5	486.9	634.2	6.31	634.3	50.14	
1035.0	92.32	52.35	583.9	425.4	511.4	665.2	1.11	665.2	50.25	
1065.0	91.21	51.47	583.0	443.9	535.0	695.2	4.72	695.2	50.32	
1096.0	91.07	51.41	582.4	463.2	559.3	726.2	0.49	726.2	50.37	
1126.0	92.46	51.99	581.5	481.8	582.8	756.1	5.02	756.2	50.42	
1156.0	93.06	51.82	580.0	500.3	606.4	786.1	2.08	786.1	50.48	
1187.0	90.50	51.56	579.1	519.5	630.7	817.1	8.30	817.1	50.52	
1217.0	91.07	51.82	578.7	538.1	654.2	847.1	2.09	847.1	50.56	
1248.0	92.72	52.31	577.6	557.1	678.7	878.0	5.55	878.0	50.62	
1277.0	94.27	53.66	575.9	574.6	701.8	907.0	7.08	907.0	50.69	
1307.0	94.13	53.38	573.7	592.4	725.8	936.9	1.04	936.9	50.78	
1338.0	92.83	53.63	571.8	610.8	750.7	967.8	4.27	967.8	50.87	
1368.0	92.06	54.27	570.5	628.4	774.9	997.7	3.34	997.7	50.96	
1397.0	91.45	53.63	569.6	645.4	798.4	1026.6	3.05	1026.6	51.05	
1427.0	89.73	54.34	569.3	663.1	822.6	1056.6	6.20	1056.6	51.13	
1458.0	90.00	54.19	569.4	681.2	847.8	1087.5	1.00	1087.6	51.22	
1489.0	89.70	53.50	569.5	699.5	872.8	1118.5	2.43	1118.5	51.29	
1519.0	90.03	53.27	569.5	717.4	896.9	1148.4	1.34	1148.5	51.35	
1549.0	90.40	52.81	569.4	735.4	920.9	1178.4	1.97	1178.5	51.39	
1578.0	90.67	52.91	569.1	752.9	944.0	1207.4	0.99	1207.5	51.42	
1608.0	90.67	52.43	568.8	771.1	967.8	1237.4	1.60	1237.5	51.45	
1639.0	90.97	52.13	568.4	790.1	992.4	1268.4	1.37	1268.5	51.47	
1669.0	91.20	51.94	567.8	808.5	1016.0	1298.3	0.99	1298.5	51.49	
1699.0	90.50	52.31	567.3	826.9	1039.7	1328.3	2.64	1328.5	51.50	
1729.0	89.53	53.97	567.3	844.9	1063.7	1358.3	6.41	1358.4	51.54	
1759.0	89.93	52.13	567.5	863.0	1087.7	1388.3	6.28	1388.4	51.57	
1789.0	89.97	51.70	567.5	881.5	1111.3	1418.3	1.44	1418.4	51.58	
1819.0	89.90	51.32	567.5	900.1	1134.8	1448.3	1.29	1448.4	51.58	
1849.0	89.29	51.39	567.7	918.9	1158.2	1478.3	2.05	1478.4	51.57	
1882.0	89.29	51.39	568.2	939.5	1184.0	1511.3	0.00	1511.4	51.57	

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CONSERVATION DIVISION  
MOUNTAIN VIEW



# Scientific Drilling

## Davis Operating Company

Field: Labette Co., KS  
Site: Sec 7 - 35S - 19E  
Well: Carla #1H-7  
Wellpath: Original Wellpath  
Survey: Survey #1



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Azimuths to True North  
Magnetic North: 3.58°

Magnetic Field  
Strength: 52674nT  
Dip Angle: 65.80°  
Date: 5/8/2006  
Model: igrf2005

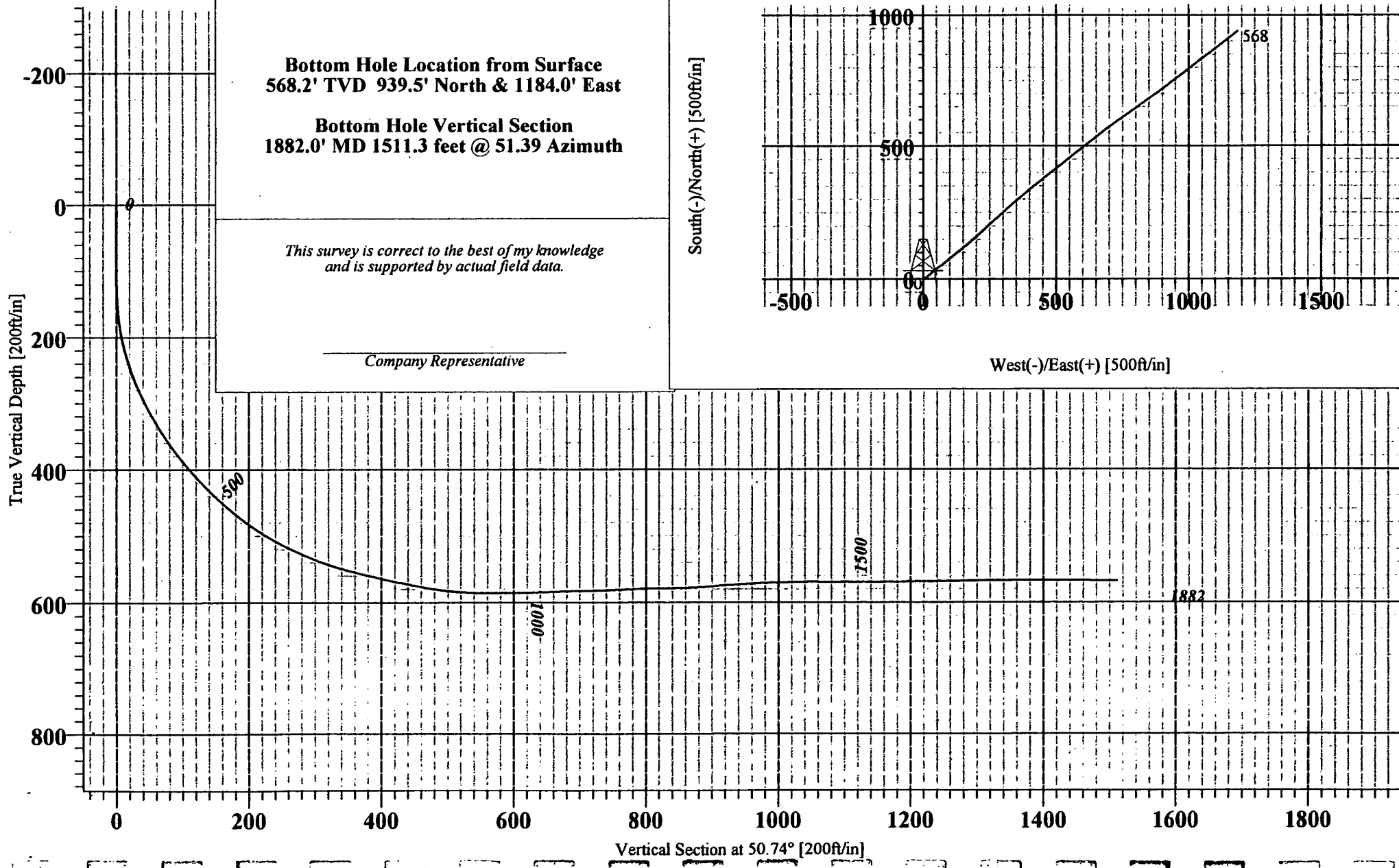
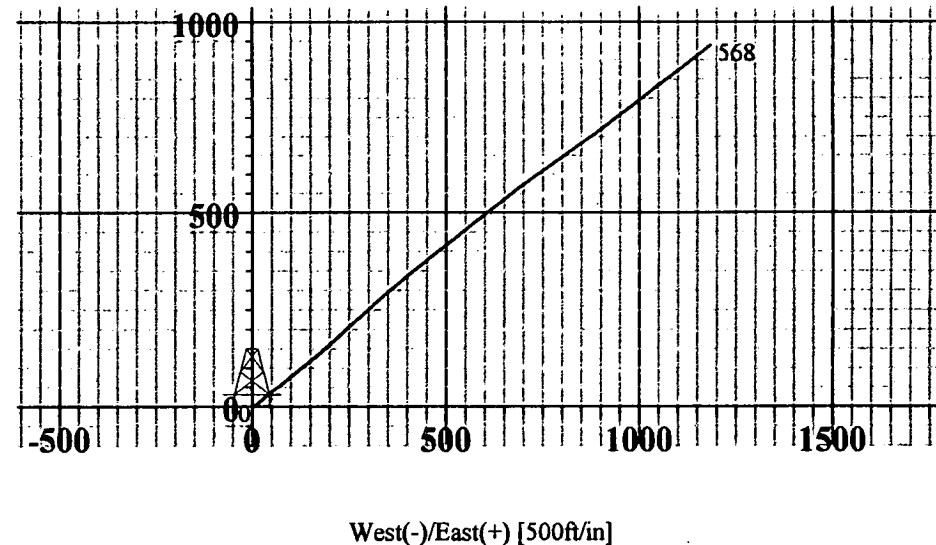
**Bottom Hole Location from Surface**  
568.2' TVD 939.5' North & 1184.0' East

**Bottom Hole Vertical Section**  
1882.0' MD 1511.3 feet @ 51.39 Azimuth

*This survey is correct to the best of my knowledge  
and is supported by actual field data.*

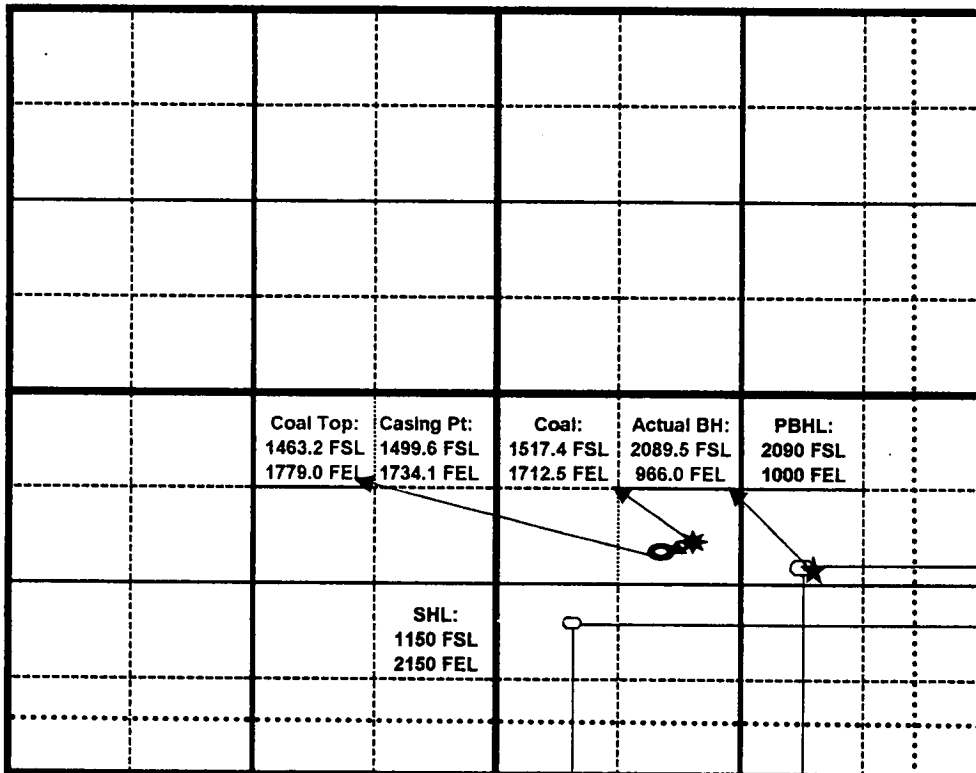
\_\_\_\_\_  
Company Representative

South(-)/North(+) [500ft/in]





# Final Location Statement



**County** *Labette County*      **State** *Kansas*  
**Section** *7*      **Township** *35S*      **Range** *19E*  
**GL-996'**      **KB-996'**      **Est. Formation Tops @ SHL:**  
**Customer Name:** *Davis Operating Co.*  
**Well Name:** *Carla #1H-7*      **Weir Pitt Coal**      **568' TVD**

**SHL:**    1150 FSL    2150 FEL    SE/4      **Azimuth**            50.74 Az.  
**PBHL:**    2090 FSL    1000 FEL    SE/4      **Inclination**        90.0 Inc.

**Weir Coal Top: 1463.2 FSL 1779.0 FEL SE/4**

**Casing Pt: 1499.6 FSL 1734.1 FEL SE/4**

**Coal: 1517.4 FSL 1712.5 FEL SE/4**

**Actual BHL: 2089.5 FSL 966.0 FEL SE/4**

**PBH COORDINATES FROM SHL:**

940 feet North  
 1150 Feet East  
 1485.3' Displacement @ 50.74 Az.  
**Actual BHL**  
 939.5 feet North  
 1184.0 feet East  
 1511.3' Displacement @ 50.74 Az.

**HARDLINES:** 330 Hardlines  
 330 FSL = 820' South  
 330 FEL = 1820' East

\* All data based on 5280 X 5280 square mile.

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COAL TOP

<b>MD</b>	<b>INC</b>	<b>AZI</b>	<b>TVD</b>	<b>NS</b>	<b>EW</b>	<b>DLS</b>	<b>VS</b>
855.00	81.32	50.96	580.90	313.17	371.03	0.00	485.47
1463.2 FSL	1779.0 FEL						

CASING POINT

<b>MD</b>	<b>INC</b>	<b>AZI</b>	<b>TVD</b>	<b>NS</b>	<b>EW</b>	<b>DLS</b>	<b>VS</b>
913.00	88.15	50.76	585.57	349.61	415.87	8.56	453.25
1499.6 FSL	1734.1 FEL						

1st Entry Shot

<b>MD</b>	<b>INC</b>	<b>AZI</b>	<b>TVD</b>	<b>NS</b>	<b>EW</b>	<b>DLS</b>	<b>VS</b>
941.00	90354.00	50.62	585.89	367.35	437.53	0.00	571.24
1517.4 FSL	1712.5 FEL						

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