

APR 11 2002

4-11-2002

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 30051
Name: Chaparral Energy, Inc.
Address: 701 Cedar Lake Blvd.
City/State/Zip: Oklahoma City, OK 73114
Purchaser: BP/Amoco
Operator Contact Person: Michael P. Warmack
Phone: (405) 478-8770
Contractor: Name: Cheyenne Drilling
License: 5382
Wellsite Geologist: Dave Carman

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. _____

01/18/02 02/04/02 03/18/02
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 175-21867-01-00
County: Seward
S 2 SW 2 Sec. 5 Twp. 31 S. R. 32 East West SHL:
* 920 feet from (S) / N (circle one) Line of Section
* 3960 feet from (E) / W (circle one) Line of Section

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

Lease Name: Vaughn Well #: 1H-5

Field Name: Hugoton

Producing Formation: Hugoton Chase Winfield

Elevation: Ground: 2871' Kelly Bushing: _____

Total Depth: 5486' ^{MD} Plug Back Total Depth: 2724.6 TVD

Amount of Surface Pipe Set and Cemented at 620 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from N/A

feet depth to _____ w/ _____ sx cm.

Drilling Fluid Management Plan ALT 1 8/7/02
(Data must be collected from the Reserve Pit)

Chloride content 18,000 ppm Fluid volume 2000 bbls

Dewatering method used Evaporation/Backfill

Location of fluid disposal if hauled offsite: _____

Operator Name: N/A

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: Michael P. Warmack Michael P. Warmack
Title: Operations Engineer Date: 04/09/02

Subscribed and sworn to before me this 9th day of April
Oklahoma County
Notary Public in and for
State of Oklahoma
Patricia Hamblight
Notary Public - My Commission Expires Aug. 17, 2002

Date Commission Expires: My Commission Expires Aug. 17, 2002

KCC Office Use ONLY

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

*BHL: 1321' FNL & 1350' FWL of Sec. 5-31S-32W

Operator Name: Chaparral Energy, Inc. Lease Name: Vaughn Well #: 1-H5
 Sec. 5 Twp. 31 S. R. 32 East West County: Seward

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:
 N/A

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Herrington	3024'	2602'
Krider	3293'	2627'
Winfield	5216'	2710'

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APR 11 2002

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, 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"	9 5/8"	36	620'	Lite	300	3% CC+1/4# Flake
Production	8 3/4"	7"	23, 26	2936'	Premium	75	2% CC 4% gel
Perfed Liner	6 1/8"	4 1/2"	11	5460'	None	N/A	N/A

CONSERVATION DIVISION

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	N/A			

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
	4 1/2" perf'd liner @ 5460', top of liner @ 2889'. [NO CEMENT IN PLACE]	3000 gal 15% FE HCL	3500'

TUBING RECORD	Size	Set At	Packer At	Liner Run
N/A				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SWD or Enhr.	Producing Method
SI - WOPL	<input type="checkbox"/> Flowing <input 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
	0	75	0	N/A	N/A

Disposition of Gas: _____ METHOD OF COMPLETION: _____ Production Interval: Winfield

Vented Solid Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, Sumit ACO-18.) Other (Specify) NON-FIXED SLOTTED LINER

RECEIVED FEB 01 2002
ORIGINAL

INVOICE

Halliburton



Remit to: P.O. Box 951046, Dallas, TX 75395-1046

Wire Transfer Information

Account Number:

ABA Routing Number:

Invoice Date: January 28, 2002

Invoice Number: 91274784

DIRECT CORRESPONDENCE TO:
P.O. Box 1598
Liberal, KS 67905-1598
US
Tel: (620)624-3879
Fax: (620)624-9745

Well Name: CHAPARRAL ENG.VAUGHN 1-H5,SEWARD
Ship to: LIBERAL, KS 67901
SEWARD

Job Date: January 27, 2002
Cust. PO No.: N/A
Payment Terms: Net due in 20 days
Quote No.: 20874750
Sales Order No.: 1724193

Manual Ticket No.:
Shipping Point: LIBERAL Hwy 54 W. Ship Pt.
Mode of Transportation: Z1
Ultimate Destination Country: US
Customer Account No.: 301302

Contract No.:
Contract from:
Contract to:

TO:
CHAPARRAL ENERGY INC
701 CEDAR LAKE BOULEVARD
OKLAHOMA CITY OK 73114

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APR 11 2002
CONSERVATION DIVISION

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
7523	PSL - CMT PRODUCTION CASING - IP035	1	JOB					
1	"ZI-MILEAGE FROM NEAREST HES B 000-117 Number of Units	40 1	MI unit		5.03	201.20	136.82	64.38
2	MILEAGE FOR CEMENTING CREW,ZI 000-119 Number of Units	40 1	MI unit		2.96	118.40	80.51	37.89
16091	ZI - PUMPING CHARGE 001-016 DEPTH FEET/METRES (FT/M)	1 2,800	EA FT		2,470.00	2,470.00	1,679.60	790.40
132	PORT. DAS W/CEMWIN;ACQUIRE W/H 045-050 NUMBER OF DAYS	1 1	JOB Days		916.00	916.00	622.88	293.12
*74038	ZI PLUG CONTAINER RENTAL-1ST D DAYS OR FRACTION (MIN1)	1 1	EA Days	733.00		733.00	551.95	181.05
*100003161	PLUG - CMTG - TOP PLASTIC - 7 402.1569 / PLUG - CMTG - TOP PLASTIC - 7 IN. / 17-32#	1	EA		167.20	167.20	113.70	53.50
*100004908	SHOE,FLOAT,7 8RD,2-3/4 SUPER S SHOE, FLOAT, 7 8RD, 2 3/4 SUPER SEAL II / VALVE	1	EA		477.99	477.99	325.03	152.96

Handwritten notes and signatures at the bottom of the page, including "42505/139", "2-5-22", and "Cmnt Intermedits CSG".

Handwritten total amount: 5,381.63

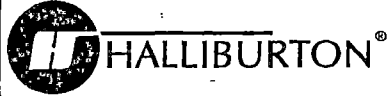
* - Taxable item

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Continuation

APR 11 2002



Remit to: P.O. Box 951046, Dallas, TX 75395-1046

CONSERVATION DIVISION

Invoice Date: January 28, 2002

Invoice Number: 91274784

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discomnt	Net Amount
*100004781	COLLAR-FLOAT- 7 8RD 17-26#/FT 4A - 836.14100 / COLLAR-FLOAT- 7 8RD 17-26#/FT - 2-3/4 / SUPER SEAL II VALVE	1	EA		589.86	589.86	401.10-	188.76
*100005045	HALLIBURTON WELD-A KIT HALLIBURTON WELD-A KIT	1	EA		36.86	36.86	25.06-	11.80
*100003639	CHEMICAL - HALLIBURTON SUPER F 516.00114 / CHEMICAL - HALLIBURTON SUPER FLUSH	10	SK		163.00	1,630.00	1,108.40-	521.60
*3	ZI-DERRICK CHARGE 000-121	1	EA		549.00	549.00		549.00
*15079	SBM MIDCON 2 PREMIUM PLUS 504-282	75	SK		24.81	1,860.75	1,265.31-	595.44
*100005053	Chemical - Calcium Chloride Hi 509-406890.50812 / CALCIUM CHLORIDE - HI TEST PELLETT - / 94- 97% CACL 2 - 80# BAG	3	SK		119.47	358.41	243.72-	114.69
*101216940	Chemical - Poly-E-Flake (25# b NO PART NUMBER PRIOR TO SAP	10	LB		3.09	30.90	21.01-	9.89
*100003687	CEM,CLASS H / PREMIUM, BULK CEMENT - CLASS H - PREMIUM - BULK / CEMENT - CLASS H - PREMIUM - BULK	125	SK		21.61	2,701.25	1,836.85-	864.40
*100064022	Chem- Calseal 60 (Bulk) 508-127516.00335 / CHEMICAL - CAL SEAL - BULK	13	SK		54.23	704.99	479.39-	225.60
*100003682	CHEMICAL - BENTONITE (BULK) 506-121516.00259 / CHEMICAL - BENTONITE - HALLIBURTON GEL / BULK	5	SK		29.86	149.30	101.52-	47.78
*3965	HANDLE&DUMP SVC CHRQ, CMT&ADDI 500-207 NUMBER OF EACH	237	CF		2.82	668.34	454.47-	213.87
		1	each					

INVOICE

RECEIVED FEB 01 2002

Continuation **ORIGINAL**



HALLIBURTON®

Remit to: P.O. Box 951046, Dallas, TX 75395-1046

Invoice Date: January 28, 2002

Invoice Number: 91274784

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
*76400	ZI MILEAGE,CMT MTLs DEL/RET MI 500-306 / MILEAGE,CMTG MTLs DEL/RET PER/TON MI.MIN NUMBER OF TONS	421	MI		1.72	724.12	492.40-	231.72
		1.00	ton					
Total						15,087.57	9,939.72-	5,147.85
Sales Tax - State								194.14
Sales Tax - County								39.64
INVOICE TOTAL								5,381.63 US Dollars

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 APR 1 2002
 CONSERVATION DIVISION

Payment Terms:

If customer does not have an approved open account with Halliburton, all sums 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 unpaid 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 amount, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

JOB SUMMARY

1724193

01/27/02

REGION NORTH AMERICA LAND	NWA / COUNTRY Mid Continent	BDA / STATE KS.	COUNTY SEWARD
NBU ID / EMPL # MCLIO104 / 105848	H.E.S. EMPLOYEE NAME JOHN WOODROW	PSL DEPARTMENT Cementing Services	ORIGINAL
LOCATION LIBERAL, KS.	COMPANY CHAPPARRAL ENERGY INC.	CUSTOMER REP / PHONE J.R. PEDIGO 405-850-2349	
TICKET AMOUNT \$4,800.24	WELL TYPE GAS	API# 1517521867	
WELL LOCATION LIBERAL, KS.	DEPARTMENT CEMENT	SAP BOMB NUMBER 7523	Description Cement Production Casing
LEASE NAME VAUGHN	Well No. 1-H5	SEC / TWP / RNG 5-31S-32W	HES FACILITY (CLOSEST TO WELL SITE) LIBERAL, KS

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
WOODROW, J 105848		Archuleta, M - 226383		
Arnett, J - 226567				

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
420621 P/U	40	10243558 / 75821	40	
54219 / 78299	40			

Form. Name _____ Type: _____
 Form. Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Retainer Depth _____ Total Depth **2933**

Tools and Accessories

Type and Size	Qty	Make
Float Collar SS 11 7"	1	H
Float Shoe SS 11 7"	1	
Centralizers		O
Top Plug 5-W 7"	1	
HEAD P/C 7"	1	W
Limit clamp		
Weld-A	1	C
Guide Shoe		
BTM PLUG		O

Materials

Mud Type	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb
Prop. Type	Size	Lb
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Perpac Balls	Qty.	
Other		
Other		
Other		
Other		

Date	Called Out	On Location	Job Started	Job Completed
	01/27/02	01/27/02	01/27/02	01/27/02
Time	0400	0700	1656	1745

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	New/Used	26#	7"		2966	2,339	
Liner		23#	7"		2,339	30-ABOVE	
Liner						KB	
Tubing							
Drill Pipe							
Open Hole							Shots/Ft.
Perforations							
Perforations							
Perforations							

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
1/27	11.0	1/27	1.5	
Total	11.0	Total	1.5	

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 Apr See Job Log
 APR 11 2002
CONSERVATION DIVISION

Ordered	Hydraulic Horsepower Avail.	Used
Treating	Average Rates in BPM	Overall
Feet 84	Cement Left in Pipe	Reason SHOE JOINT


Cement Data

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	75	PP MIDCON	Bulk	2% C.C.-1/8# POLYFLAKE	20.00	3.20	11.10
2	125	PREMIUM	Bulk	10% CALSEAL-4% GEL-1% C.C.	7.80	1.61	14.4
			Bulk				
			Bulk				

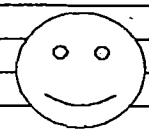
Summary

Circulating Breakdown	Displacement	Preflush: BBI	30.00	Type: F.W. & SUPER FLUSH
	MAXIMUM	Load & Bkdn: Gal - BBI		Pad:Bbl-Gal
				110
Average Shut In: Instant	Frac. Gradient	Treatment: Gal - BBI		112
	5 Min.	Cement Slurry BBI	78.7	Disp:Bbl
	15 Min	Total Volume BBI	220.70	112.00

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE *J.R. Pedigo*
 SIGNATURE

 HALLIBURTON		JOB LOG		TICKET # 1724193	TICKET DATE 01/27/02
REGION NORTH AMERICA LAND		NWA / COUNTRY Mid Continent		BDA / STATE KS.	COUNTY SEWARD
MBU ID / EMPL # MCLIO104 / 105848		H.E.S. EMPLOYEE NAME JOHN WOODROW		PSL DEPARTMENT Cementing Services	
LOCATION LIBERAL, KS.		COMPANY CHAPARRAL ENERGY INC.		CUSTOMER REP / PHONE J.R. PEDIGO 405-850-2349	
TICKET AMOUNT \$4,800.24		WELL TYPE GAS		API/UMI # 1517521867	
WELL LOCATION LIBERAL, KS.		DEPARTMENT CEMENT		JOB PURPOSE CODE Cement Production Casing	
LEASE NAME VAUGHN		Well No. 1-H5	SEC / TWP / RNG 5-31S-32W	HES FACILITY (CLOSEST TO WELL #) LIBERAL, KS	

HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS
WOODROW, J 105848		Archuleta, M - 226383					
Arnett, J - 226567							

Chart No.	Time	Rate (BPM)	Volume (BBL)(GAL)	Rate			Job Description / Remarks
				N2	CSG.	Tbg	
	0800						JOB READY
	0400						CALLED OUT FOR JOB
	0700						PUMP TRUCK ON LOCATION / PRE JOB SITE ASSESMENT
	0800						RIG LAYING DOWN DRILL PIPE
	1000						SPOT EQUIP/ RIG UP
	1145						HAVE PRE JOB SAFETY MEETING
	1200						START RUNNING 7" CSG. & FLOAT EQUIP.
							RUN 706 FT. OF 26# CSG. ON BOTTOM
	1330						HOOK UP / CIRCULATE HOLE
							RUN 2219 FT. OF 23# CSG
	1545						CASING ON BOTTOM (2966 FT.)
	1600						HOOK UP 7" P/C & CIRCULATING IRON
	1615						START CIRCULATING WITH RIG PUMP
	1640						THROUGH CIRCULATING / HOOK UP TO PUMP TRUCK (JOB PROCEDURE)
	1656				3500		TEST PUMP & LINES
	1701	4.0	5.0		0-230		PUMP FRESH WATER SPACER
	1703	4.0	10.0		200		PUMP SUPER FLUSH
	1707	4.0	5.0		250		PUMP FRESH WATER SPACER
	1708	6.0	42.0		350		START MIXING LEAD CMT. @ 11.1#/GAL
	1715	6.0	36.0		250-300		START MIXING TAIL CMT. @ 14.4#/GAL
	1722				0-0		THROUGH MIXING CMT / SHUT DOWN
	1723	6.0			0-100		RELEASE PLUG / START DISPLACING
					600		MAX LIFT PRESSURE BEFORE LANDING PLUG
	1745		112.0		1500		PLUG DOWN / RELEASE FLOAT
							FLOAT HELD
							RECEIVED KANSAS CORPORATION COMMISSION THANK YOU FOR CALLING HALLIBURTON !!!! (WOODY & CREW)
							APR 11 2002
							CONSERVATION DIVISION
							

ORIGINAL

ALLIED CEMENTING CO., INC.

03100

Federal Tax I.D.# 48-0727860

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Oakley

DATE <u>1-20-02</u>	SEC. <u>5</u>	TWP. <u>31s</u>	RANGE <u>32w</u>	CALLED OUT	ON LOCATION	JOB START <u>3:00 AM</u>	JOB FINISH <u>7:00 AM</u>
LEASE <u>Vaughn</u>	WELL # <u>1H-5</u>		LOCATION <u>Sublett 7.5 2 1/4 E N EN</u>		COUNTY <u>Washed</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)					Seaward		

CONTRACTOR Bison Drly Rig 2 OWNER Same

TYPE OF JOB Surface

HOLE SIZE	T.D.	<u>620'</u>
CASING SIZE <u>9 5/8</u>	DEPTH	<u>624'</u>
TUBING SIZE	DEPTH	
DRILL PIPE	DEPTH	
TOOL	DEPTH	
PRES. MAX	MINIMUM	
MEAS. LINE	SHOE JOINT	<u>44.80'</u>

CEMENT
AMOUNT ORDERED 150sk Lite 3%cc 4" Flo Seal
150sk com 3%cc
200sk com 3%cc for 1" Used 7.5sk

CEMENT LEFT IN CSG. 44.80'
PERFS.
DISPLACEMENT 44 3/4 Bbls

COMMON	<u>225 sks @ 7.85</u>	<u>1766.25</u>
POZMIX	@	
GEL	@	
CHLORIDE	<u>16 @ 30.00</u>	<u>480.00</u>
Lite	<u>150 sks @ 6.95</u>	<u>1042.50</u>
Flo Seal	<u>384 @ 1.40</u>	<u>537.60</u>

EQUIPMENT

PUMP TRUCK CEMENTER Dean
102 HELPER Walt
BULK TRUCK
347 DRIVER Andrew
BULK TRUCK
DRIVER

HANDLING 524 sks @ 1.10 576.40
MILEAGE 44 per sk/mile 733.60

TOTAL ~~418.75~~
4651.95

REMARKS:

Ran 14 Joints 9 5/8 Csg. Mix 150sk
Lite 3%cc 4" Flo Seal fol w/
150sk CIA 3%cc + Disp w/ 44 3/4 Bbls
Plug Landed Floor did not Hod
Cement did not circulate.
Used 7.5sk CIA 3%cc To 1"
Cement To Surface.

SERVICE

DEPTH OF JOB	<u>624'</u>
PUMP TRUCK CHARGE	<u>630.00</u>
EXTRA FOOTAGE	@
MILEAGE <u>35 miles</u>	@ <u>105.00</u>
PLUG <u>9 5/8 Plug</u>	@ <u>100.00</u>

TOTAL 835.00

Thank You

CHARGE TO: Chaparral Energy
STREET _____
CITY _____ STATE KANSAS

RECEIVED

APR 11 2002

CONSERVATION DIVISION

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

9 5/8 FLOAT EQUIPMENT

Guide Shoe	@	<u>215.00</u>
AFU Insert	@	<u>325.00</u>
3 Centralizers	@	<u>165.00</u>

TOTAL 705.00

TAX _____
TOTAL CHARGE ~~5658.75~~ 6191.95
DISCOUNT ~~565.87~~ 619.19 IF PAID IN 30 DAYS
~~5092.88~~ 5572.76

SIGNATURE Raymond Aldridge

Raymond Aldridge
PRINTED NAME

ALLIED CEMENTING CO., INC.

P.O. BOX 31
 RUSSELL, KS 67665
 PH (785) 483-3887
 FAX (785) 483-5566
 FEDERAL TAX ID# 48-0727860

ALLICE

RECEIVED JAN 24 2002

 * ORIGINAL *
 * INVOICE *

RECEIVED
 KANSAS CORPORATION COMMISSION

Invoice Number: 086368

(APR 11 2002)

Invoice Date: 01/21/02

Jack Tarkington

CONSERVATION DIVISION

Sold Chaparral Energy, Inc.
 To: 701 Cedar Lake Blvd.
 Oklahoma City, OK
 73114

Cust I.D.....: Chap
 P.O. Number...: Vaughn 1H-5
 P.O. Date.....: 01/21/02

Due Date.: 02/20/02
 Terms.....: Net 30

Item I.D./Desc.	Qty. Used	Unit	Price	Net	TX
Common	225.00	SKS	7.8500	1766.25	E
Chloride	16.00	SKS	30.0000	480.00	E
Lite	150.00	SKS	6.9500	1042.50	E
FloSeal	38.00	LBS	1.4000	53.20	E
Handling	524.00	SKS	1.1000	576.40	E
Mileage (35)	35.00	MILE	20.9600	733.60	E
524 sks @\$.04 per sk per mi					
Surface	1.00	JOB	630.0000	630.00	E
Mileage pmp trk	35.00	MILE	3.0000	105.00	E
Plug	1.00	EACH	100.0000	100.00	E
Guide Shoe	1.00	EACH	215.0000	215.00	E
AFU Insert	1.00	EACH	325.0000	325.00	E
Centralizers	3.00	EACH	55.0000	165.00	E

All Prices Are Net, Payable 30 Days Following
 Date of Invoice. 1 1/2% Charged Thereafter.
 If Account CURRENT take Discount of \$ 619.19
 ONLY if paid within 30 days from Invoice Date

Subtotal: 6191.95
 Tax.....: 0.00
 Payments: 0.00
 Total....: 6191.95

5572.76

742505178
GD SH/AFU/CNTRLZRS
#178 #905
724.50
JACK TARKINGTON
#137 #5386.95
GS, Cen, AFU 742505137 4848.26
3005x = 300 SKS



Scientific Drilling International

Survey Completion Report

1517521867-01-00

Company: CHAPARRAL ENERGY, INC	Date: 02/04/2002	Time: 11:12:49	Page: 1
Field: HUGOTON	Co-ordinate(NE) Reference: SECTION 5-31S-32W	Site: SECTION 5-31S-32W, True North	
Site: SECTION 5-31S-32W	Vertical (TVD) Reference: SITE 0.0	Well: (0.00N,0.00E,0.00Azi)	
Well: VAUGHN 1-5	Section (VS) Reference: Well (0.00N,0.00E,0.00Azi)	Survey Calculation Method: Minimum Curvature	
Wellpath: ORIGINAL			Db: Sybase

Survey: ORIGINAL WELL	Start Date: 01/24/2002	
Company: Scientific Drilling Internatio	Engineer: Deanna Jacobs	
Tool:	Tied-to: From Surface	

Field: HUGOTON	
Map System: Universal Transverse Mercator	Map Zone: UTM Zone 31, North 0 to 6E
Geo Datum: ED50 (International 1924)	Coordinate System: Site Centre
Sys Datum: Mean Sea Level	Geomagnetic Model: igrf2000

Site: SECTION 5-31S-32W	
SEWARD COUNTY KANSAS	
Site Position:	Northing: ft
From: Local Only	Easting: ft
Position Uncertainty: 0.0 ft	Latitude: True deg
Ground Level: 0.0 ft	Longitude:
	North Reference:
	Grid Convergence:

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Well: VAUGHN 1-5	Slot Name:
Well Position: +N/-S 0.0 ft	Northing: ft
+E/-W 0.0 ft	Easting: ft
Position Uncertainty: 0.0 ft	Latitude:
	Longitude:

Wellpath: ORIGINAL	Drilled From: Surface
Current Datum: SITE	Tie-on Depth: 0.0 ft
Magnetic Data: 11/28/2001	Above System Datum: Mean Sea Level
Field Strength: 52736 nT	Declination: 8.61 deg
Vertical Section: Depth From (TVD)	Mag Dip Angle: 65.09 deg
ft	+N/-S
	ft
0.0	0.0
	0.0
	0.00
	deg

Survey												
Stn	MD ft	Incl deg	Azim deg	CLen ft	TVD ft	VS ft	N/S ft	E/W ft	ClSD ft	ClSA deg	DLS deg/100ft	
1	0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	
2	677.0	0.40	131.50	677.0	677.0	-1.6	-1.6	1.8	2.4	131.50	0.06	
3	1240.0	0.90	264.00	563.0	1240.0	-3.3	-3.3	-1.2	3.5	199.14	0.21	
4	1803.0	0.20	167.70	563.0	1802.9	-4.8	-4.8	-5.3	7.2	228.35	0.17	
5	2085.0	0.50	196.70	282.0	2084.9	-6.4	-6.4	-5.6	8.5	221.10	0.12	
6	2125.0	0.50	248.70	40.0	2124.9	-6.6	-6.6	-5.8	8.8	221.15	1.10	
7	2157.0	1.20	327.70	32.0	2156.9	-6.4	-6.4	-6.1	8.9	223.65	3.78	
8	2190.0	2.80	341.50	33.0	2189.9	-5.4	-5.4	-6.6	8.5	230.76	5.03	
9	2221.0	4.90	346.70	31.0	2220.8	-3.3	-3.3	-7.1	7.8	244.76	6.86	
10	2253.0	7.30	350.40	32.0	2252.7	0.0	0.0	-7.8	7.8	269.91	7.60	
11	2284.0	11.00	359.00	31.0	2283.3	4.9	4.9	-8.1	9.5	301.01	12.69	
12	2316.0	14.90	5.40	32.0	2314.4	12.0	12.0	-7.8	14.3	327.07	12.97	
13	2346.0	18.80	10.10	30.0	2343.2	20.6	20.6	-6.6	21.7	342.30	13.76	
14	2376.0	22.90	13.10	30.0	2371.2	31.1	31.1	-4.4	31.4	351.92	14.12	
15	2408.0	27.30	16.00	32.0	2400.2	44.2	44.2	-1.0	44.2	358.73	14.27	
16	2439.0	31.30	17.80	31.0	2427.2	58.7	58.7	3.4	58.8	3.35	13.21	
17	2470.0	35.80	17.00	31.0	2453.0	75.1	75.1	8.6	75.6	6.50	14.59	
18	2503.0	41.60	13.40	33.0	2478.8	95.0	95.0	13.9	96.0	8.34	18.85	
19	2532.0	46.70	9.30	29.0	2499.6	114.8	114.8	17.9	116.2	8.85	20.15	
20	2561.0	51.60	6.00	29.0	2518.5	136.5	136.5	20.8	138.1	8.65	18.96	
21	2592.0	57.50	3.60	31.0	2536.5	161.7	161.7	22.9	163.3	8.05	20.05	
22	2623.0	65.00	0.80	31.0	2551.4	188.8	188.8	23.9	190.3	7.21	25.45	
23	2655.0	72.00	358.30	32.0	2563.1	218.5	218.5	23.6	219.8	6.17	23.05	
24	2686.0	77.70	357.30	31.0	2571.2	248.4	248.4	22.5	249.4	5.17	18.65	



Scientific Drilling International

Survey Completion Report

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Company: CHAPARRAL ENERGY, INC Field: HUGOTON Site: SECTION 5-31S-32W Well: VAUGHN 1-5 Wellpath: ORIGINAL	Date: 02/04/2002 Co-ordinate(NE) Reference: Vertical (TVD) Reference: Section (VS) Reference: Survey Calculation Method:	Time: 11:12:49 Site: SECTION 5-31S-32W, True North SITE: 0.0 Well (0.00N,0.00E,0.00Azi): Minimum Curvature	Page: 2 Db: Sybase
--	---	---	-------------------------------------

Survey

Stn	MD ft	Incl deg	Azim deg	CLen ft	TVD ft	VS ft	N/S ft	E/W ft	ClSD ft	ClSA deg	DLS deg/100ft
25	2716.0	83.10	355.40	30.0	2576.2	277.9	277.9	20.6	278.7	4.24	19.05
26	2747.0	86.50	355.50	31.0	2579.0	308.7	308.7	18.1	309.2	3.36	10.97
27	2777.0	87.90	356.00	30.0	2580.5	338.6	338.6	15.9	339.0	2.69	4.95
28	2808.0	87.20	356.00	31.0	2581.8	369.5	369.5	13.8	369.7	2.13	2.26
29	2840.0	85.20	355.10	32.0	2584.0	401.3	401.3	11.3	401.5	1.61	6.85
30	2865.0	85.00	355.10	25.0	2586.1	426.1	426.1	9.1	426.2	1.23	0.80
31	2896.0	84.60	353.50	31.0	2588.9	456.9	456.9	6.1	456.9	0.76	5.30
32	2961.0	83.10	356.30	65.0	2595.9	521.2	521.2	0.3	521.2	0.04	4.86
33	2993.0	83.40	356.70	32.0	2599.6	552.9	552.9	-1.6	552.9	359.83	1.56
34	3025.0	83.40	356.60	32.0	2603.3	584.7	584.7	-3.5	584.7	359.66	0.31
35	3055.0	82.80	357.20	30.0	2606.9	614.4	614.4	-5.1	614.4	359.53	2.82
36	3087.0	84.00	357.20	32.0	2610.6	646.2	646.2	-6.6	646.2	359.41	3.75
37	3118.0	84.80	356.40	31.0	2613.6	677.0	677.0	-8.3	677.0	359.29	3.64
38	3149.0	84.00	357.50	31.0	2616.6	707.8	707.8	-10.0	707.8	359.19	4.37
39	3180.0	84.40	357.80	31.0	2619.8	738.6	738.6	-11.3	738.7	359.13	1.61
40	3212.0	85.10	358.30	32.0	2622.7	770.4	770.4	-12.3	770.5	359.08	2.68
41	3245.0	86.50	359.50	33.0	2625.1	803.3	803.3	-13.0	803.4	359.08	5.58
42	3276.0	87.10	0.10	31.0	2626.8	834.3	834.3	-13.1	834.4	359.10	2.74
43	3308.0	86.90	0.30	32.0	2628.5	866.2	866.2	-13.0	866.3	359.14	0.88
44	3340.0	86.80	1.10	32.0	2630.3	898.2	898.2	-12.6	898.3	359.20	2.52
45	3371.0	86.10	359.80	31.0	2632.2	929.1	929.1	-12.3	929.2	359.24	4.76
46	3403.0	86.40	0.70	32.0	2634.3	961.1	961.1	-12.2	961.1	359.27	2.96
47	3435.0	87.00	359.90	32.0	2636.1	993.0	993.0	-12.0	993.1	359.31	3.12
48	3466.0	87.20	1.50	31.0	2637.7	1024.0	1024.0	-11.6	1024.0	359.35	5.19
49	3498.0	87.70	1.90	32.0	2639.1	1055.9	1055.9	-10.7	1056.0	359.42	2.00
50	3530.0	88.00	360.00	32.0	2640.3	1087.9	1087.9	-10.2	1087.9	359.46	6.01
51	3559.0	87.50	1.10	29.0	2641.5	1116.9	1116.9	-9.9	1116.9	359.49	4.16
52	3591.0	86.70	1.00	32.0	2643.1	1148.8	1148.8	-9.3	1148.9	359.54	2.52
53	3622.0	86.20	3.00	31.0	2645.0	1179.7	1179.7	-8.2	1179.8	359.60	6.64
54	3653.0	87.10	3.00	31.0	2646.8	1210.6	1210.6	-6.6	1210.7	359.68	2.90
55	3685.0	87.40	1.20	32.0	2648.3	1242.6	1242.6	-5.4	1242.6	359.75	5.70
56	3716.0	87.40	1.80	31.0	2649.8	1273.5	1273.5	-4.6	1273.5	359.79	1.93
57	3748.0	87.00	1.40	32.0	2651.3	1305.5	1305.5	-3.7	1305.5	359.84	1.77
58	3779.0	86.20	2.70	31.0	2653.2	1336.4	1336.4	-2.6	1336.4	359.89	4.92
59	3811.0	86.10	2.20	32.0	2655.3	1368.3	1368.3	-1.3	1368.3	359.95	1.59
60	3842.0	86.60	3.10	31.0	2657.3	1399.2	1399.2	0.2	1399.2	0.01	3.32
61	3873.0	87.20	0.70	31.0	2659.0	1430.1	1430.1	1.2	1430.2	0.05	7.97
62	3904.0	87.90	1.70	31.0	2660.3	1461.1	1461.1	1.8	1461.1	0.07	3.94
63	3936.0	88.10	2.50	32.0	2661.4	1493.1	1493.1	3.0	1493.1	0.12	2.58
64	3965.0	87.90	1.10	29.0	2662.4	1522.0	1522.0	3.9	1522.0	0.15	4.87
65	3996.0	88.10	2.60	31.0	2663.5	1553.0	1553.0	4.9	1553.0	0.18	4.88
66	4028.0	88.10	1.80	32.0	2664.6	1585.0	1585.0	6.2	1585.0	0.22	2.50
67	4059.0	88.00	1.20	31.0	2665.6	1615.9	1615.9	7.0	1615.9	0.25	1.96
68	4091.0	87.90	0.70	32.0	2666.8	1647.9	1647.9	7.5	1647.9	0.26	1.59
69	4122.0	87.70	359.00	31.0	2667.9	1678.9	1678.9	7.4	1678.9	0.25	5.52
70	4154.0	87.60	358.80	32.0	2669.3	1710.9	1710.9	6.8	1710.9	0.23	0.70
71	4185.0	87.40	358.40	31.0	2670.6	1741.8	1741.8	6.0	1741.8	0.20	1.44
72	4217.0	87.30	358.60	32.0	2672.1	1773.8	1773.8	5.2	1773.8	0.17	0.70
73	4248.0	87.20	1.00	31.0	2673.6	1804.7	1804.7	5.1	1804.7	0.16	7.74
74	4280.0	87.20	358.50	32.0	2675.1	1836.7	1836.7	5.0	1836.7	0.15	7.80
75	4311.0	87.50	359.40	31.0	2676.6	1867.7	1867.7	4.4	1867.7	0.13	3.06
76	4342.0	87.80	358.90	31.0	2677.8	1898.6	1898.6	3.9	1898.6	0.12	1.88



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Survey Completion Report

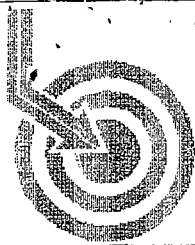
Company: CHAPARRAL ENERGY, INC
Field: HUGOTON
Site: SECTION 5-31S-32W
Well: VAUGHN 1-5
Wellpath: ORIGINAL

Date: 02/04/2002 **Time:** 11:12:49 **Page:** 3
Co-ordinate(NE) Reference: Site: SECTION 5-31S-32W, True North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,0.00Azi)
Survey Calculation Method: Minimum Curvature **Db:** Sybase

Survey

Sta	MD ft	Incl deg	Azim deg	CLen ft	TVD ft	VS ft	N/S ft	E/W ft	ClSD ft	ClSA deg	DLS deg/100ft
77	4373.0	87.90	359.40	31.0	2679.0	1929.6	1929.6	3.5	1929.6	0.10	1.64
78	4404.0	88.10	359.90	31.0	2680.1	1960.6	1960.6	3.3	1960.6	0.10	1.74
79	4435.0	87.70	359.90	31.0	2681.2	1991.6	1991.6	3.2	1991.6	0.09	1.29
80	4467.0	87.70	359.30	32.0	2682.5	2023.5	2023.5	3.0	2023.5	0.09	1.87
81	4498.0	87.50	358.90	31.0	2683.8	2054.5	2054.5	2.5	2054.5	0.07	1.44
82	4530.0	88.10	3.10	32.0	2685.0	2086.5	2086.5	3.1	2086.5	0.08	13.25
83	4560.0	87.40	357.70	30.0	2686.2	2116.4	2116.4	3.3	2116.4	0.09	18.14
84	4591.0	88.50	357.30	31.0	2687.3	2147.4	2147.4	1.9	2147.4	0.05	3.78
85	4622.0	88.60	357.30	31.0	2688.1	2178.3	2178.3	0.5	2178.3	0.01	0.32
86	4654.0	86.80	358.50	32.0	2689.4	2210.3	2210.3	-0.7	2210.3	359.98	6.76
87	4685.0	86.40	357.60	31.0	2691.2	2241.2	2241.2	-1.7	2241.2	359.96	3.17
88	4716.0	86.50	357.50	31.0	2693.1	2272.1	2272.1	-3.1	2272.1	359.92	0.46
89	4748.0	85.80	356.80	32.0	2695.3	2304.0	2304.0	-4.7	2304.0	359.88	3.09
90	4780.0	85.30	357.10	32.0	2697.8	2335.9	2335.9	-6.4	2335.9	359.84	1.82
91	4809.0	86.10	358.90	29.0	2700.0	2364.8	2364.8	-7.4	2364.8	359.82	6.78
92	4840.0	86.00	1.00	31.0	2702.1	2395.7	2395.7	-7.4	2395.7	359.82	6.77
93	4872.0	87.40	1.30	32.0	2703.9	2427.6	2427.6	-6.7	2427.6	359.84	4.47
94	4903.0	88.50	3.10	31.0	2705.0	2458.6	2458.6	-5.6	2458.6	359.87	6.80
95	4934.0	88.10	0.70	31.0	2706.0	2489.6	2489.6	-4.5	2489.6	359.90	7.85
96	4965.0	89.90	0.10	31.0	2706.5	2520.5	2520.5	-4.3	2520.6	359.90	6.12
97	4996.0	92.20	2.50	31.0	2705.9	2551.5	2551.5	-3.6	2551.5	359.92	10.72
98	5027.0	91.80	2.60	31.0	2704.8	2582.5	2582.5	-2.2	2582.5	359.95	1.33
99	5059.0	99.80	5.50	32.0	2701.6	2614.2	2614.2	0.0	2614.2	0.00	26.57
100	5090.0	89.90	3.50	31.0	2699.0	2645.0	2645.0	2.4	2645.0	0.05	32.57
101	5121.0	89.20	5.40	31.0	2699.2	2675.9	2675.9	4.8	2675.9	0.10	6.53
102	5152.0	86.20	5.80	31.0	2700.5	2706.7	2706.7	7.8	2706.7	0.17	9.76
103	5182.0	84.90	4.20	30.0	2702.8	2736.5	2736.5	10.5	2736.5	0.22	6.86
104	5213.0	84.80	3.40	31.0	2705.6	2767.3	2767.3	12.5	2767.3	0.26	2.59
105	5244.0	84.70	1.70	31.0	2708.4	2798.1	2798.1	13.9	2798.2	0.28	5.47
106	5276.0	84.90	3.40	32.0	2711.3	2830.0	2830.0	15.3	2830.0	0.31	5.33
107	5308.0	86.40	5.10	32.0	2713.8	2861.8	2861.8	17.7	2861.8	0.35	7.07
108	5339.0	86.40	2.50	31.0	2715.7	2892.7	2892.7	19.7	2892.7	0.39	8.37
109	5370.0	86.80	4.70	31.0	2717.5	2923.5	2923.5	21.7	2923.6	0.42	7.20
110	5401.0	87.10	4.20	31.0	2719.2	2954.4	2954.4	24.1	2954.5	0.47	1.88
111	5433.0	86.10	5.40	32.0	2721.1	2986.2	2986.2	26.7	2986.3	0.51	4.88
112	5446.0	86.20	3.40	13.0	2722.0	2999.2	2999.2	27.7	2999.3	0.53	15.37
113	5486.0	86.20	3.40	40.0	2724.6	3039.0	3039.0	30.1	3039.1	0.57	0.00

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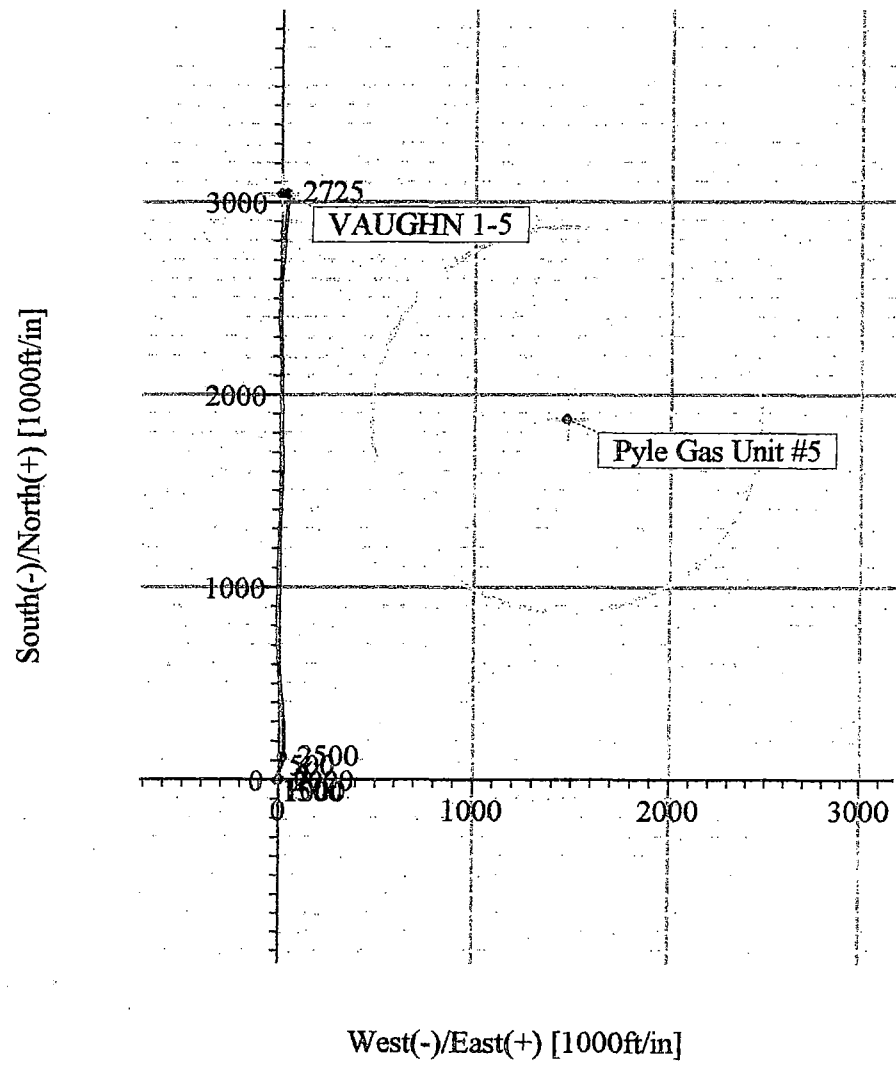
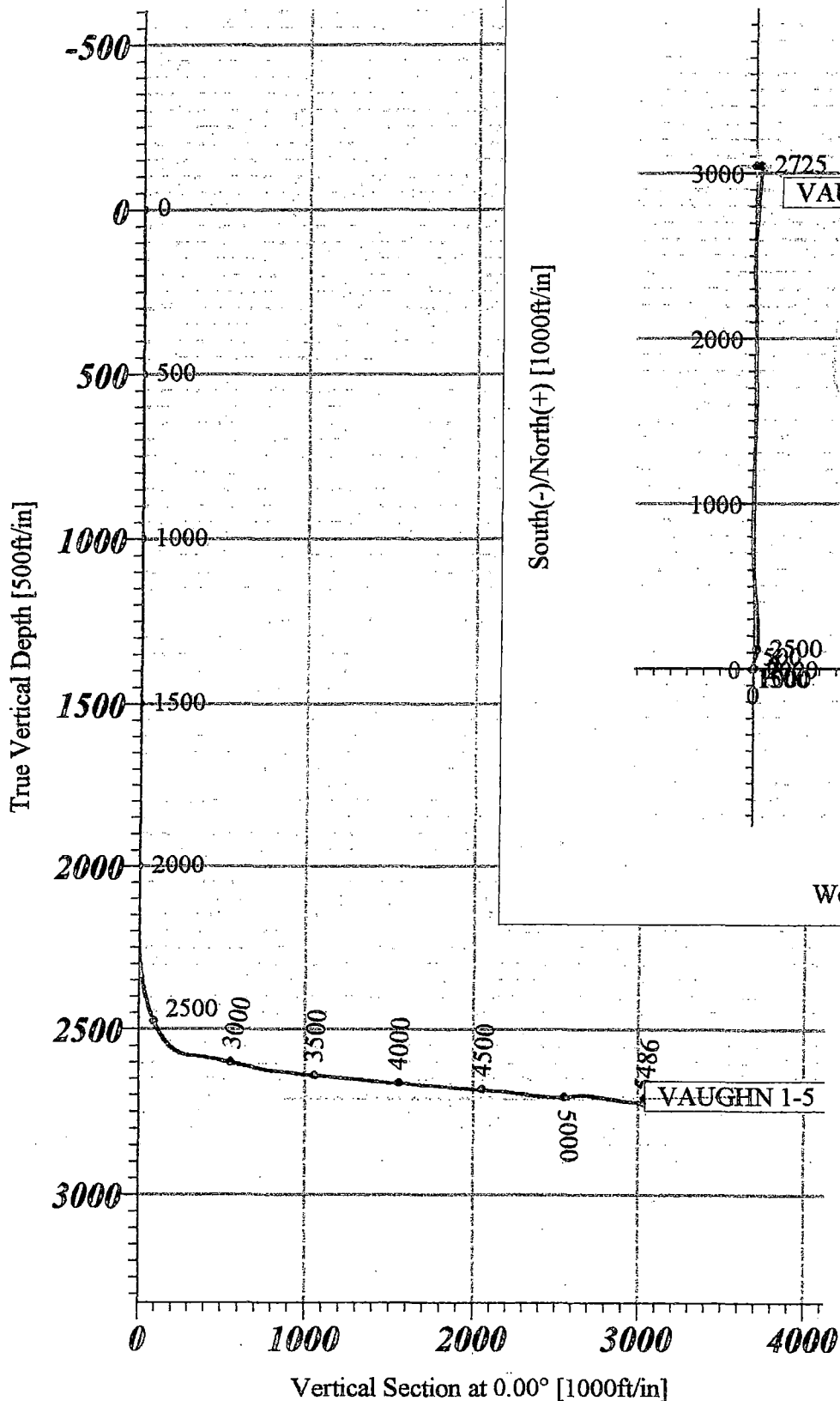
CHAPARRAL ENERGY, INC

Field: HUGOTON
Site: SECTION 5-31S-32W
Well: VAUGHN 1-5
Wellpath: ORIGINAL
Survey: ORIGINAL WELL



Azimuths to True North
Magnetic North: 8.61°

Magnetic Field
Strength: 52736nT
Dip Angle: 65.09°
Date: 11/28/2001
Model: igrf2000



Bottom Hole Location from Surface
2724.6 TVD 3039.1' North 30.1' East

Bottom Hole Vertical Section
5486' MD 3039.1 feet @ 0 Azimuth

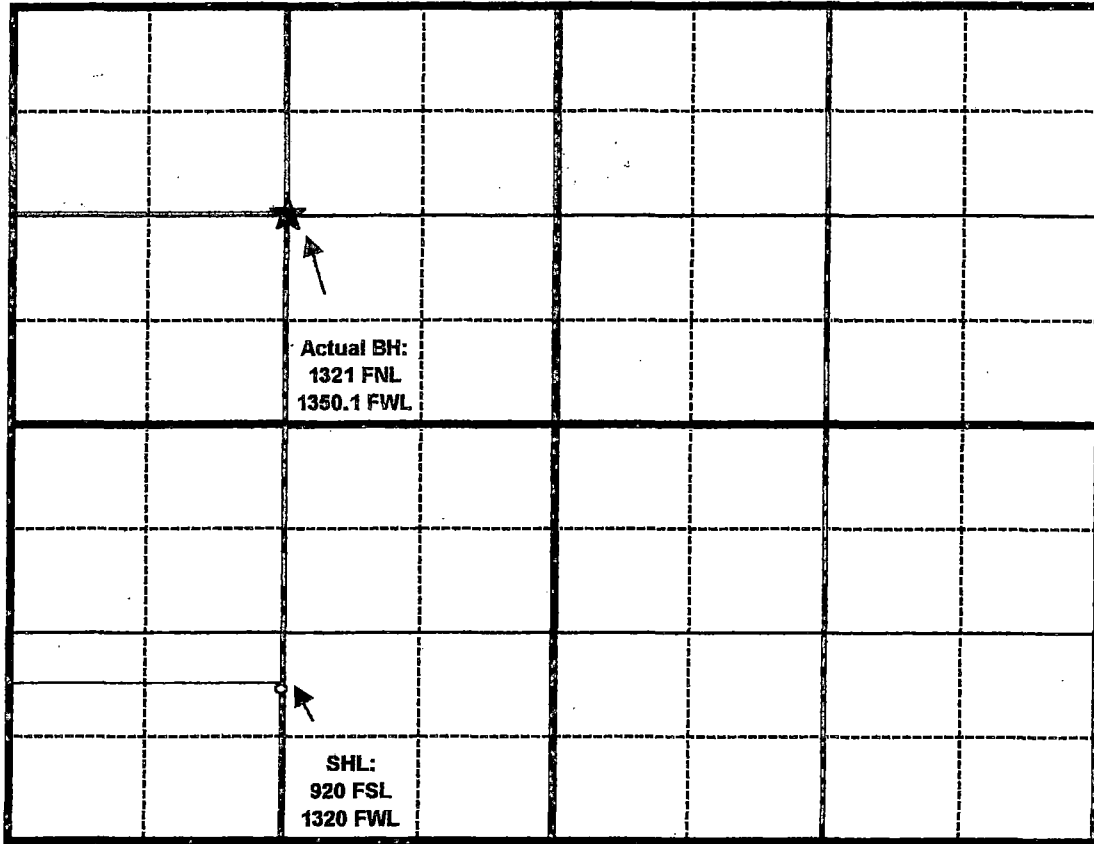
This survey is correct to the best of my knowledge and is supported by actual field data.

[Signature]
Company Representative



Scientific
Drilling

Final Location Statement



County *Seward County* **State** *Kansas*
Section 5 **Township** 31S **Range** 32W

Customer Name: Chaparral Energy
Well Name: Vaughn #1H-5

SHL: 920 FSL 1320 FWL SW/4
BHL: 1320 FNL 1320 FWL NW/4
Actual BH: 1321 FNL 1350.1 FWL NW/4

Actual BHL Coordinates:
 3039' North
 30.1' East
 3039 feet Diplacement @ 0 Az.

COORDINATES FROM SHL: 3040 feet North of Surface
 3040 feet Displacement @ 0 Azimuth

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Chaparral

Energy, L.L.C.

September 24, 2004

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SEP 30 2004
KCC WICHITA

Mr. David P. Williams
Kansas Corporation Commission
Conservation Division
130 S. Market St., Room 2078
Wichita, KS 67202-3802

Re: Vaughn 1-H5
API 15-175-21867-01
Seward Co., KS

Dear Mr. Williams:

Enclosed is a copy of the wellbore deviation survey, as requested in your letter dated September 21, 2004.

If you need further information, please call me at (405) 426-4411.

Sincerely,

CHAPARRAL ENERGY, LLC



Leigh Kuykendall
Engineering Tech

