

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACD-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 081-209020000

ORIGINAL

County Haskell

NW/4 Sec. 19 Twp. 27s Rge. 34 31 W

Operator: License # 5293

Name: Helmerich & Payne, Inc.

Address P.O. Box 558

City/State/Zip Garden City, Kansas 67846

Purchaser: Colorado Interstate Gas

Operator Contact Person: Ken Jehlik or Art Childers

Phone (316) 276-3693

Contractor: Name: Murfin Drilling

License:

Wellsite Geologist: None STATE RECEIVED CORPORATION COMMISSION

Designate Type of Completion 5-2-95

X New Well Re-Entry Workover

Oil SVD S10W X Temp Abd.
Gas ENHR S10W
Dry Other (Core, UV, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator:

Well Name:

Comp. Date Old Total Depth

Deepening Re-perf. Conv. to Inj/SVD
Plug Back PBTD
Commingled Docket No.
Dual Completion Docket No.
Other (SVD or Inj?) Docket No.

1-25-95 1-28-95 3-30-95
Spud Date Date Reached TD Completion Date

1250 Feet from S/W (circle one) Line of Section

1250 Feet from E/W (circle one) Line of Section

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

Lease Name Black Well # 2

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 2840 KB 2849

Total Depth 2705 PBTD 2705

Amount of Surface Pipe Set and Cemented at 612 Feet

Multiple Stage Cementing Collar Used? Yes X

If yes, show depth set

If Alternate II completion, cement circulated from

feet depth to Surface w/ 500 ex cmc

Drilling Fluid Management Plan Alt # TA 4-26-96
(Data must be collected from the Reserve Pit)

Chloride content 20000 ppm Fluid volume 2600 bbl

Cementing method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

Quarter Sec. Twp. S Rng. E/W

County Docket No.

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 on 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 Ken Jehlik

Title District Manager Date 5-1-95

Subscribed and sworn to before me this 1st day of May 19 95

Notary Public Judy Riccio

Date Commission Expires August 15, 1996

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
KCC SVD/Rep NGPA
KGS Plug Other (Specify)

Operator Name Helmerich & Payne, Inc. Lease Name Black Well # 2

Sec. 19 Twp. 27s Rge. 31 East West
 County Haskell

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

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:
 CDL, CNL, DIL

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

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	# Sacks Used	Type and Percent Additives
Surface	12 $\frac{1}{2}$	8-5/8	23	612	60/40 Poz C	350	3% c.c.
Production	7-7/8	5 $\frac{1}{2}$	15.5	2659	65/35 Poz C	375	6% gel 1/2# flocele
					50/50 Poz C	125	2% gel 10% salt 1/4# flocele

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
Open Hole	2660-2705 U & L Krider	500 gals 7 $\frac{1}{2}$ % HCl 7000 gal 25# linear gel, 3000# 30/70 sand & 6000# 20/40 sand	
		100 gals 15% HCl	
		250 gals 15% HCl 750 gals 15% HCl	

TUBING RECORD Size None Set At _____ Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. None T A Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil 0 Bbls. Gas 0 Mcf Water 0 Bbls. Gas-Oil Ratio _____ Gravity _____

Disposition of Gas: Vented Sold Used on Lease (if vented, submit ACO-18.) Open Hole Perf. Dually Comp. Commingled Other _____
 METHOD OF COMPLETION _____ Production Interval T A

REMIT TO:
 P.O. BOX 951046
 DALLAS, TX 75395-1046



HALLIBURTON
 ORIGINAL

ORIGINAL
 INVOICE

KSCC COPY

INVOICE NO.	DATE
705987	01/28/1995

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
BLACK 2		HASKELL		KS	SAME
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE	
IBERAL		MURFIN DRILLING		CEMENT PRODUCTION CASING	
				TICKET DATE	
				01/28/1995	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
79060	BRAD KLEIN			COMPANY TRUCK	84896

HELMERICH & PAYNE INC.
 P.O. BOX 558
 GARDEN CITY, KS 67846

DIRECT CORRESPONDENCE TO:
 OKLAHOMA TOWER
 210 WEST PARK AVENUE
 SUITE 2000
 OKLAHOMA CITY, OK 73102-5601

REFERENCE NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
000-117	MILEAGE CEMENTING ROUND TRIP	100 MI		2.75	275.00
001-016	CEMENTING CASING	1 UNT			
030-018	CEMENTING PLUG 5W, PLASTIC TOP	5 1/2 IN		65.00	65.00
26	INSERT VALVE F. S. - 5 1/2" BRD	1 EA		350.00	350.00
847.6318					
40	CENTRALIZER-5-1/2 X 8-1/2	5 EA		60.00	300.00
806.60022					
66	CLAMP-LIMIT-5-1/2 HINGED	1 EA		12.00	12.00
806.72030					
350	HALLIBURTON WELD-A	1 EA		14.50	14.50
890.10802					
27	FILL-UP UNIT 5. 1/2"-6. 5/8"	1 EA		55.00	55.00
815.19311					
018-315	MUD FLUSH	500 GAL		65.00	325.00
504-131	CEMENT - 50/50 POZMIX PREMIUM	125 SK		8.32	1,040.00
504-120	CEMENT - HALL. LIGHT PREM PLUS	375 SK		10.02	3,757.50
507-210	FLOCELE	125 LB		1.65	206.25
507-775	HALAD-322	53 LB		7.00	371.00
509-968	SALT	599 LB		.15	89.85
500-207	BULK SERVICE CHARGE	5.17 CFT		132.75	697.95
500-306	MILEAGE CMTG MAT DEL OR RETURN	967.47 TMI		.95	919.10

RECEIVED
 By _____

INVOICE SUBTOTAL	9,933.15
DISCOUNT-(BID)	2,792.05-
INVOICE BID AMOUNT	7,141.10
* KANSAS STATE SALES TAX	263.82

***** CONTINUED ON NEXT PAGE *****

TERMS: If Customer does not have an approved open account with Halliburton, all sums due 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 the amount due from the date payable until paid at the highest lawful contract rate applicable, but never more than 18% per annum.



JOB LOG HAL-2013-C

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
H + P		2		BLACK		5 1/2" LONG STRING		705987	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
	1800							Called out	
	2115							ON Location - Rig 200P	
	2200							Set up Co. TRUCK	
	2205							Safety Meeting	
	2230							Pull BOP - Lay Down Mouse Hole	
	2300							Run 5 1/2" casing	
	0045							PIPE ON BOTTOM	
	0100							Hook to Rig	
	0103							BREAK CIRCULATION - PRIME TRUCK	
	0118							Hook to Halliburton	
	0112	6	140.2			200		Mix 375 SKS LEAD CEMENT AT 12:20P	
	0120	3	10			200		Pump Mud Flush	
	0123	6	140.2			300		Mix 375 SKS LEAD CEMENT AT 12:20P	
	0150	6	28.5			200		Mix 125 SKS TRAIL CEMENT AT 14:40P	
	0157							SHUT DOWN	
	0157	5	63.6			200		DROP PLUG & DISPLACE	
	0208	5				500		LOSE CIRCULATION - 45 BBL OUT	
	0208	5 1/2				500		SLOW RATE	
	0212	2 1/2				500		REGAIN CIRCULATION - 53 BBL OUT	
	0214	2 1/2				800		CEMENT NOT TO SURFACE - 6 BBL	
	0216	2 1/2				800/1300		Plug Down Float Held	
								Job Complete	
								Total LEAD CEMENT - 375 SKS 140.2 BBL	
								Total TRAIL CEMENT - 125 SKS 28.5 BBL	
								CEMENT TO PIT - 6 BBL 16 SKS	
								Plug Landing PSI - 800 PSI Bump to - 1300 PSI	
								Thanks For Calling Halliburton WES + CREW	

ALLIED CEMENTING CO., INC.

0100

KSCC
COPY

MAIL TO: P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: Oakley

DATE: <u>1-26-95</u>	SEC. <u>19</u>	TWP. <u>27</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION <u>2:00 PM</u>	JOB START <u>6:45 AM</u>	JOB FINISH <u>7:15 AM</u>
LEASE <u>Black</u>	WELL # <u>2</u>	LOCATION <u>Garden City, 143-SE-13-18-50</u>			COUNTY <u>Haskell</u>	STATE <u>Kan</u>	
OLD OR NEW (Circle one)							

ORIGINAL

CONTRACTOR Murfin Dels Co #24 OWNER Helmerich + Payne, Inc
 TYPE OF JOB Surface CEMENT

HOLE SIZE 12 1/4 T.D. 619'
 CASING SIZE 8 5/8 DEPTH 619' AMOUNT ORDERED 350 SKs 6 3/4" 40% 3 3/4"

TUBING SIZE DEPTH
 DRILL PIPE DEPTH

TOOL DEPTH
 PRES. MAX MINIMUM COMMON 210 SKs @ 7.20 1,512.00

MEAS. LINE SHOE JOINT POZMIX 140 SKs @ 3.15 441.00
 CEMENT-LEFT IN CSG. 15' GEL @
 PERFS. CHLORIDE 11 SKs @ 28.00 308.00

EQUIPMENT

PUMP TRUCK CEMENTER Walt
 # 191 HELPER Wayne

BULK TRUCK # 303 DRIVER Terry
 HANDLING 350 SKs @ 1.05 367.50
 MILEAGE 4 q per sk unit 574.00

BULK TRUCK #
 TOTAL 3,202.50

REMARKS: SERVICE

DEPTH OF JOB 619'
 PUMP TRUCK CHARGE 445.00

EXTRA FOOTAGE 319' @ 4.18 1,333.42
 MILEAGE 41 miles @ 2.25 922.50
 PLUG @ 45.00 45.00

TOTAL 712.14

CHARGE TO: Murfin Dels Co
 STREET 250 N Water, St. #300

CITY Wichita STATE Kan ZIP 67202
 FLOAT EQUIPMENT None

TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

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.

SIGNATURE Louis McRossa

ALLIED CEMENTING COMPANY, INC.

913-483-2627
 P. O. BOX 31
 RUSSELL, KANSAS 67665

US 3-3887

To: Murfin Drilling Company
250 N. Water, #300
Wichita, KS 67202

Invoice No. 68281
 Purchase Order No. _____
 Lease Name Black #2
 Date 1-26-65

Service and Materials as Follows:

Common 210 sks @ \$7.20	\$1,512.00	
Pozmix 140 sks @ \$3.15	441.00	
Chloride 11 sks @ \$8.00	308.00	\$2,261.00

Handling 350 sks @ \$1.05	357.50	
Mileage (41) @ \$.04¢ per sk per mi	574.00	
Surface	445.00	
319' @ \$.41¢ over 300'	130.79	
Mi @ \$2.35 pmp trk chg	96.35	
1 plug	45.00	

90218 024 W 0146 3919.64 *(Total)* (Sg.)
 (783.92)

783.92

TOL-K
me
PK

Total

1,658.64

\$3,919.64

(783.92)
3135.72

Thank You!

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1 1/2% Charged Thereafter

responsible for and indemnify defend and hold harmless