

CONFIDENTIAL

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

ORIGINAL

Operator: License # 05988
Name: Halliburton Oil Producing
Address 525 Central Park Drive
Central Park I - Suite 210
City/State/Zip Oklahoma City, OK 73103

Purchaser: Rangeline Corporation
Operator Contact Person: Tom Carroll
Phone (405) 525-3371

Contractor: Name: H-40 Drilling, Inc
License: 30692
Wellsite Geologist: Kevan Marsh

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIEW
 Dry Other (Core, WSM, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:
Operator: RELEASED
Well Name: _____
Comp. Date _____ Old Total Depth 1125
_____ Deepening _____ Re-perf. _____
_____ Plug Back _____
_____ Commingled _____ Docket No. _____
_____ Dual Completion _____ Docket No. _____
_____ Other (SWD or Inj?) _____ Docket No. _____
2/20/94 2/28/94 4/18/94
Spud Date Date Reached TD Completion Date

API NO. 15- 119-20893
County Meade
E/2 - NW - RW Sec. 23 Twp. 34S Rge. 26
660 Feet from S/4 (circle one) Line of Section
1125 Feet from E/4 (circle one) Line of Section

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

Lease Name Goodnight Well # 1-23
Field Name McKinney

Producing Formation Morrow

Elevation: Ground 2247' KB 2260'

Total Depth 6,115' PBTD _____

Amount of Surface Pipe Set and Cemented at 882 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/ _____ sz cmt.

Drilling Fluid Management Plan ALT 1 JH 8-22-94
(Data must be collected from the Reserve Pit).
NOTE: What little fluid was in pit has evaporated.

Chloride content _____ ppm Fluid volume 0 bbls

De-watering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name Halliburton Oil Producing Co.

Lease Name Goodnight #1-23 License No. 05988

NW Quarter Sec. 23 Twp. 23S Rge. 26 XXV

County Meade 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 STAMP FOR SPENDING 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 have been complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Tom Carroll
Tom Carroll, Vice President/Operations
Date 5/27/94

Witnessed to before me this 27th day of May
GINNA L. HAWTHORNE
GINNA L. Hawthorne
Notary Public
State of Oklahoma
Commission Expires 5/7/96

CONSERVATION DIVISION
WICHTICA DIVISION
Letter of Confidentiality Attached
Wireline Log Received
Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

PI

Operator Name Halliburton Oil Producing

Lease Name Goodnight

Well # 1-23

Sec. 23 Twp. 34S Rge. 26

East
 West

County Meade

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:
Dual Induction
Density/Neutron
Microlog

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Stone Corral Anhy	1219 (+1041)	
Chase	2571 (-311)	
Heebner Shale	4455 (-2195)	
Lansing Lime	4640 (-2380)	
Marmaton Lime	5342 (-3082)	
Cherokee Shale	5521 (-3261)	
Morrow Shale	5824 (-3564)	
Morrow Sand Zone	5844 (-3584)	
Chester Lime	5888 (-3628)	
Total Depth	6115 (-3855)	

CASING RECORD New Used Production

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
Conductor		20"		40'	4 yards grout		
Surface	12-1/4"	8-5/8"	24#	882'	Class C	150	2% cc
Production	7-7/8"	5-1/2"	11.5#	6,113'	Light Class A	150	2% cc

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
4	5865'-5872'	1500 g 50% foam 50% 7-1/2% FE Acid	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8	5965'	none	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. 1st gas sales 5/18/94 Producing Method Flowing Pumping Gas Lift Compressor Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	tr	53	0		

Disposition of Gas:

Vented Sold Used on Lease
(If vented, submit ACD-18.)

METHOD OF COMPLETION

Open Hole Perf. Dually Comp. Commingled
 Other (Specify)

Production Interval

5865'-5872'

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II. Primary Zones of Interest

F. Morrow Sand 5865 - 5872

Sample Analysis: The Morrow consisted of white to light gray sand which was very fine to fine grain, subangular to subrounded, and fairly clean in part. Some of the sample showed abundant individual grains. The sand clusters contained glauconite, kaolinite, and a pale blue-green weathered clay(possibly chlorite). The clusters had fair to poor porosity, were fairly calcareous, and carried no hydrocarbon show other than gas bubbles liberated in the acid. A gas increase of 2 units was registered.

A straddle DST was run to determine the reservoir characteristics of the Morrow. The test recovered 120 feet of gassy drilling mud . Times and pressures are as follows:

DST No.1	5828 - 5958	
IHP	2838	
IFP	109-109	30 min.
ISIP	281	60 min.
FFP	122-122	90 min.
FSIP	273	180 min.
FHP	2760	

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The test started with a weak blow which increased to a strong blow off the bottom of the bucket in 20 minutes. Gas reached the surface after 66 minutes and reached a rate of 22 mcf/d and was still increasing. Analysis of the blanked off recorder below the lower packer indicates that the tested interval was isolated from above and below. Shut-in pressure readings showed the zone to have good permeability.

Log Analysis: The logs indicate the Morrow to have good porosity and permeability. Favorable water saturation calculations indicate this zone to be commercial.

Conclusion: Based on reservoir rock quality, drillstem test results, and electric log readings, it is believed that the Morrow Sand is capable of commercial production at this location. The final shut-in pressure was approximately 100 pounds greater than the present reservoir pressure in the Easterday 1-23.

RECEIVED
STATE CORPORATION COMMISSION

JUN 02 1994

CONSERVATION DIVISION
Wichita, Kansas

RELEASED

JUN 28 1995

FROM CONFIDENTIAL

ORIGINAL



HALLIBURTON

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

INVOICE

ORIGINAL

117250

CONFIDENTIAL

INVOICE NO.	DATE
575204	02/21/199

WELL LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER
GOODNIGHT 1-23	MEADE	KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
LIBERAL	H-40	CEMENT SURFACE CASING	02/21/199
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
355335	KAROL CLAYPOOL		
			SHIPPED VIA
			COMPANY TRUCK
			FILE NO
			6457

HALLIBURTON OIL PRODUCING CO.
525 CENTRAL PARK DRIVE
CENTRAL PARK I, SUITE 210
OKLAHOMA CITY, OK 73105

KCC DIRECT CORRESPONDENCE TO:
MAY 27
CONFIDENTIAL
OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2000
OKLAHOMA CITY, OK 73102-5601

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
000-117	MILEAGE CEMENTING ROUND TRIP	120	MI	2.75	330.00
001-016	CEMENTING CASING	881	FT	825.00	825.00
030-018	CEMENTING PLUG 5W, PLASTIC TOP	8	5/8 IN	130.00	130.00
16A	CASING SHOE - 8 5/8" BRD. THD.	1	EA	161.00	161.00
830.2171		1	EA	161.00	161.00
24A	INSERT FLOAT VALVE - 8 5/8" BRD	1	EA	171.00	171.00
815.19502		1	EA	171.00	171.00
27	FILL-UP UNIT 7"- 8 5/8"	1	EA	55.00	55.00
815.19415		1	EA	55.00	55.00
40	CENTRALIZER-8-5/8 X 12-1/4	3	EA	72.00	216.00
806.60059		3	EA	72.00	216.00
504-050	CEMENT - PREMIUM PLUS	125	SK	9.96	1,245.00
504-120	CEMENT - MALL. LIGHT PREM PLUS	315	SK	8.75	2,756.25
507-210	FLOCELE	110	LB	1.40	154.00
509-406	ANHYDROUS CALCIUM CHLORIDE	8	SK	28.25	226.00
500-207	BULK SERVICE CHARGE	463	CFT	1.35	625.05
500-306	MILEAGE CMTG MAT DEL OR RETURN	1246.08	TMI	.95	1,183.78

RELEASED

JUN 2 8 1995

FROM CONFIDENTIAL

INVOICE SUBTOTAL

8,078.08

DISCOUNT--(BID)
INVOICE BID AMOUNT

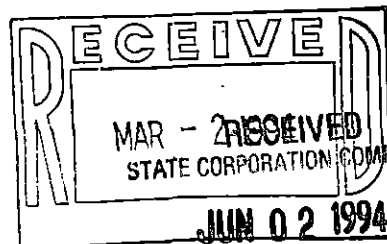
3,069.65
5,008.43

*--KANSAS STATE SALES TAX
*--SEWARD COUNTY SALES TAX

210.32
42.93

INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>

\$5,261.68



302-4282
2c

CONSERVATION DIVISION
Wichita, Kansas

302-42
150001-3

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 any 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 account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

ORIGINAL



HALLIBURTON
CONFIDENTIAL

REMIT TO:

P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

ORIGINAL

INVOICE NO.	DATE
575088	03/02/1994

WELL LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER
3000NIGHT 1-23	MEADE	KS	GAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
TERRAI	H-40 DEL G	CEMENT PRODUCTION CASING	03/02/1994
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
355335	KAROL CLAYPOOL		COMPANY TRUCK
			FILE NO.
			45244

DIRECT CORRESPONDENCE TO:

HALLIBURTON OIL PRODUCING CO.
525 CENTRAL PARK DRIVE
CENTRAL PARK I, SUITE 210
OKLAHOMA CITY, OK 73105

OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2000
OKLAHOMA CITY, OK 73102-5601

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REFERENCE NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	DRICING AREA - MID CONTINENT				
000-117	MILEAGE CEMENTING ROUND TRIP	170 MI		2.75	467.50
		1 UNT			
001-016	CEMENTING CASING	6113 FT		1,955.00	1,955.00
		1 UNT			
030-018	CEMENTING PLUG SW, PLASTIC TOP	5 1/2 IN		65.00	65.00
		1 EA			
001-018	CEMENTING CASING - ADD HRS	2 HR		235.00	470.00
		1 UNT			
018-317	SUPER FLUSH	10 SK		100.00	1,000.00
12A	GUIDE SHOE - 5 1/2" BRD THD.	1 EA		121.00	121.00
825.205					
24A	INSERT FLOAT VALVE - 5 1/2" BRD	1 EA		110.00	110.00
815.19251					
27	FILL-UP UNIT 5 1/2"-6 5/8"	1 EA		55.00	55.00
815.19311					
50	CENTRALIZR-TURBO-5-1/2 X 8-1/2	7 EA		63.00	441.00
806.60122					
150	HALLIBURTON WELD-A	1 LB		14.50	14.50
890.10802					
120	BASKET-CEMENT-5-1/2 X 7-7/8	2 EA		110.00	220.00
806.70030					
218-738	CLAYFIX II	4 GAL		24.00	96.00
504-043	CEMENT - PREMIUM	20 SK		9.44	188.80
507-775	HALAD-322	11 LB		7.00	77.00
508-291	GILSONITE BULK	200 LB		.40	80.00
508-127	CAL SEAL 60	2 SK		20.70	41.40
509-968	SALT	157 LB			20.41
500-207	BULK SERVICE CHARGE	29 CFT		1.35	39.15
500-306	MILEAGE CMTG MAT DEL OR RETURN	89.35 TMI			84.88
504-043	CEMENT - PREMIUM	115 SK		9.44	1,085.60
507-775	HALAD-322	65 LB		7.00	455.00
508-291	GILSONITE BULK	1150 LB			460.00

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JUN 2 8 1995

FROM CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION
JUN 02 1994
CONSERVATION DIVISION
Wichita, Kansas

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

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P.O. BOX 951046
DALLAS, TX 75395-1046

ORIGINAL

CONFIDENTIAL  **HALLIBURTON**

INVOICE

INVOICE NO.	DATE
575088	03/02/1995

117250

WELL LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER
GOODNIGHT 1-23	MEADE	KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
LIBERAL	H-40 DPLG	CEMENT PRODUCTION CASING	03/02/1995
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
555335	KAROL CLAYPOOL		
		SHIPPED VIA	FILE NO
		COMPANY TRUCK	4524

ORIGINAL

DIRECT CORRESPONDENCE TO:

HALLIBURTON OIL PRODUCING CO.
525 CENTRAL PARK DRIVE
CENTRAL PARK I, SUITE 210
OKLAHOMA CITY, OK 73105

KCC

MAY 27

CONFIDENTIAL

OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2000
OKLAHOMA CITY, OK 73102-5601

REFERENCE NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
508-127	DAL SEAL 60	12	SK	20.70	248.40
509-968	SALT	900	LB	.13	117.00
500-207	BULK SERVICE CHARGE	166	CFT	1.35	224.10
500-306	MILEAGE CHRG NAT DEL OR RETURN	513.74	TMI	.95	488.05

INVOICE SUBTOTAL

8,624.79

DISCOUNT--(BID)

3,277.37-

INVOICE BID AMOUNT

5,347.42

*--KANSAS STATE SALES TAX
*--SEWARD COUNTY SALES TAX

136.68
27.89

RELEASED

JUN 2 8 1995

FROM CONFIDENTIAL

rom

RECEIVED
MAR - 9 1994

302-44
ACP *zc*

RECEIVED
STATE COMMISSION
JUN 02 1994
CONSERVATION DIVISION
Wichita, Kansas

302-44
150001-3

INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>

\$5,511.99

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 balance from the date it is due until paid at the highest lawful contract rate applicable, but never more than 18% per annum.