

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

ORIGINAL

API NO. 15- 175-21,223-00-00 MAR 20

County Seward CONFIDENTIAL

- NW - NE Sec. 1 Twp. 33S Rge. 34 X W

Operator: License # 6120

Name: Cabot Oil & Gas Corporation

Address 9400 N. Broadway, Suite 608

City/State/Zip Oklahoma City, OK 73114

Purchaser: Cabot Oil & Gas Marketing Corp.

Operator Contact Person: Jim R. Pendergrass

Phone (405) 478-6500

Contractor: Name: H-40 Drilling, Inc.

License: 30692

Wellsite Geologist: Earth Tech

Designate Type of Completion

X New Well Re-Entry Workover

Oil SWD SIOB Temp. Abd.
X Gas ENHR SIGW
Dry Other (Core, WSW, 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/SWD
Plug Back PBTB
Commingled Docket No.
Dual Completion Docket No.
Other (SWD or Inj?) Docket No.

1-14-92 1-23-92 2-28-92
Spud Date Date Reached TD Completion Date

660 Feet from XS (circle one) Line of Section

1980 Feet from EX (circle one) Line of Section

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

Lease Name Lee Well # 3-1

Field Name Hitch

Producing Formation Morrow

Elevation: Ground 2870' KB 2881'

Total Depth 6,350' PBTB 5800'

Amount of Surface Pipe Set and Cemented at 1559 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cat.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit) APTI

Chloride content ppm Fluid volume bbls

Development method used Evaporation and Drying out

Disposal if hauled offsite:

3-23-92
MAY 07 1992

Lease Name License No.

CONSERVATION DIVISION
WICHITA, KS 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 Jim R. Pendergrass

Title Jim R. Pendergrass, Drilling Superintendent 3/20/92

Subscribed and sworn to before me this 20 day of March 19 92

Notary Public Roberta E. Mitchell

Date Commission Expires November 11, 1992

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

Operator Name Cabot Oil & Gas Corporation

Lease Name Lees
 County Woods Seward

Well # 3-1

Sec. 1 Twp. 33S Rge. 34
 East
 West

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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" 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	Herrington	2559'	St. Louis 6227'
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	L. Krider	2619'	
List All E.Logs Run:		Ft. riley	2724'	
		Council Grove	2925'	
		Toronto	4228'	
		Checkerboard	4822'	
		Cherokee	5214'	
		Atoka	5396'	
		Morrow	5600'	
		Chester	5776'	
		St. Genevieve	6135'	

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"	24#	1,563'	Lite Wt.	600	2% cc
					Class H	150	2% cc
Production	7-7/8"	5-1/2"	15.5#	6,337'	50-50 Poz	325	

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate			12sx in csg	
<input type="checkbox"/> Protect Casing	5026-48		88sx in formation	Class "H" +2% CaCl + .8% FLA +
<input type="checkbox"/> Plug Back TD				.2% Antifoamer
<input checked="" type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
2 spf	Marmaton	5026' - 5048'	Acidized w/2000 gals 15% NEFE	
2 spf	Morrow	5626' - 5651'	Acidized w/6000 gals 7 1/2% HCL	
2 spf	Lower Chester	6101' - 6108	Acidized w/1250 gals 7 1/2% MSR100	

TUBING RECORD	Size 2 3/8"	Set At 5540.85	Packer At CIBP 5800"	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls. 20 bbls	Gas Mcf 1 MMCFD	Water Bbls. 26 bbls	Gas-Oil Ratio Gravity 39.5°

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 _____

ORIGINAL ORIGINAL



KCC

REMIT TO:

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

MAR 20

HALLIBURTON SERVICES

INVOICE

A Halliburton Company

CONFIDENTIAL

INVOICE NO.	DATE
187383	01/15/1992

WELL LEASE NO./PLANT NAME	WELL/PLANT LOCATION	STATE	WELL/PLANT OWNER
LEE 3-1	SEWARD	KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
LIBERAL	H-40	CEMENT SURFACE CASING	01/15/1992
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
133380	F. R. SNOW		
		RELEASED	SHIPPED VIA
			COMPANY TRUCK
			FILE NO.
			28540

APR 09 1993

CABOT PETROLEUM CORPORATION
9400 NORTH BROADWAY
SUITE 608
OKLAHOMA CITY, OK 73114

DIRECT CORRESPONDENCE TO:

FROM CONFIDENTIAL

FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	PRICING AREA - EASTERN AREA1 MILEAGE	20	MI	2.60	52.00
001-016	CEMENTING CASING	1569	FT	1,020.00	1,020.00
030-018	CEMENTING PLUG 5W, PLASTIC TOP	8 5/8	IN	130.00	130.00
16A	CASING SHOE - 8 5/8" 8RD THD.	1	EA	161.00	161.00
830.2171					
24A	INSERT FLOAT VALVE - 8 5/8" 8RD	1	EA	171.00	171.00
815.19502					
27	FILL-UP UNIT 7"- 8 5/8"	1	EA	30.00	30.00
815.19415					
40	CENTRALIZER 8-5/8" X 12.25"	5	EA	62.00	310.00
807.93059					
66	FASGRIP LIMIT CLAMP 8 5/8"	1	EA	13.75	27.50
807.64056					
350	HALLIBURTON WELD-A	1	LB	11.50	11.50
890.10802					
504-043	PREMIUM CEMENT	150	SK	6.85	1,027.50
504-118	HALLIBURTON LIGHT CEMENT -PREM	600	SK	6.48	3,888.00
507-210	FLOCELE	150	LB	1.30	195.00
509-406	ANHYDROUS CALCIUM CHLORIDE	13	SK	26.50	344.50
500-207	BULK SERVICE CHARGE	786	CFT	1.15	903.90
500-306	MILEAGE CMTG MAT DEL OR RETURN	1024.019	TMI	.80	819.22
	INVOICE SUBTOTAL				9,091.12
	DISCOUNT-(BID)				3,203.76-
	INVOICE BID AMOUNT				5,887.36
	*-KANSAS STATE SALES TAX				220.61

RECEIVED KANSAS CORPORATION COMMISSION

MAR 23 1992

CONSERVATION DIVISION WICHITA, KS

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

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT. CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND REASONABLE ATTORNEY'S FEES IN THE AMOUNT OF 1% OF THE AMOUNT OF THE UNPAID ACCOUNT.

ORIGINAL

ORIGINAL



310 REC

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

INVOICE

HALLIBURTON SERVICES

MAR 20

CONFIDENTIAL

INVOICE NO.	DATE
114813	01/23/1992

A Halliburton Company

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
LEE 3-1		SEWARD		KS	CABOT OIL & GAS CORP
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
DUMAS		H-40 DRILLING	CEMENT PRODUCTION CASING		01/23/1992
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
133400	CARL COWAN			COMPANY TRUCK	29192

RELEASED

APR 09 1993

CABOT OIL & GAS CORPORATION
9400 N. BROADWAY, SUITE 608
OKLAHOMA CITY, OK 73114

FROM CONFIDENTIAL

DIRECT CORRESPONDENCE TO:
FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	PRICING AREA - EASTERN AREA1 MILEAGE	10	MI	2.60	26.00
001-016	CEMENTING CASING	6332	FT	1,605.00	1,605.00
030-016	CEMENTING PLUG 5W ALUM TOP	5 1/2	IN	50.00	50.00
5A	FLOAT SHOE - SSII-5-1/2 BRD	1	EA	196.00	196.00
837.07100					
4A	FLOAT COLLAR-SSII-5-1/2 BRD	1	EA	253.00	253.00
836.07100					
40	CENTRALIZER 5-1/2" X 7 7/8"	20	EA	44.00	880.00
807.93022					
66	FASGRIP LIMIT CLAMP 5 1/2"	1	EA	11.30	11.30
807.64031					
350	HALLIBURTON WELD-A	1	LB	11.50	11.50
890.10802					
218-738	CLAYFIX II	12	GAL	20.00	240.00
018-317	SUPER FLUSH	10	SK	96.00	960.00
504-043	PREMIUM CEMENT	163	SK	6.85	1,116.55
506-105	POZMIX A	162	SK	4.32	699.84
506-121	HALLIBURTON-GEL 2%	6	SK	.00	N/C
508-291	GILSONITE BULK	4063	LB	.35	1,422.05
509-968	SALT	1719	LB	.10	171.90
507-775	HALAD-322	137	LB	6.15	842.55
507-970	D-AIR 1, POWDER	55	LB	2.95	162.25
500-207	BULK SERVICE CHARGE	443.0	CFT	1.15	509.45
500-306	MILEAGE CMTG MAT DEL OR RETURN	169.10	TMI	.80	135.28
INVOICE SUBTOTAL					9,292.67

RECEIVED KANSAS CORPORATION COMMISSION

MAR 23 1992

CONSERVATION DIVISION WICHITA, KS

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

TERMS: INVOICES PAID NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE UPON RECEIPT OF PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED. CUSTOMER AGREES TO PAY INTEREST AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER MORE THAN 1% PER ANNUM. IF NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE THIS AGREEMENT, CUSTOMER SHALL BE RESPONSIBLE FOR ALL COSTS INCURRED BY THE COMPANY.