

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

ORIGINAL

LAPI NO. 15- 175-21,191 -00-00

CONFIDENTIAL

Operator: License # 6120

Name: Cabot Oil & Gas Corporation

Address 9400 N. Broadway - Suite 608

Oklahoma City, OK 73114

City/State/Zip Oklahoma City, OK 73114

Purchaser: Cabot Oil & Gas Marketing Corporation

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

New Well Re-Entry Workover

Oil SWD S10W Temp. Abd.
 Gas ENHR S16W
 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 PBSD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

8-13-91 8-22-91 11-27-91

Spud Date Date Reached TD Completion Date

County Seward

S/2 - NW Sec. 7 Twp. 34S Rge. 33

2140 Feet from S (circle one) Line of Section

1320 Feet from E (circle one) Line of Section

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

Lease Name Metcalf Well # 2-7

Field Name Adamson

Producing Formation Chase

Elevation: Ground 2789' KB 3001'

Total Depth 6600' PBSD 2917'

Amount of Surface Pipe Set and Cemented at 1625' 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/ _____ sx cnt.

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

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

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 Jim R. Pendergrass

Title Drilling Superintendent Date 12-20-91

Subscribed and sworn to before me this 30 day of December 19 91.

Notary Public Roberta E. Mitchell

Date Commission Expires November 9, 1992

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
RECEIVED Distribution
STATE CORPORATION COMMISSION SWD/Rep _____ NGPA
_____ KGS _____ Plug _____ Other _____
(Specify)
JAN 02 1992 1-2-92

CONSERVATION DIVISION
WICHITA, KANSAS ACD-1 (7-91)

PI

21070

SIDE TWO
JAN 12 1960
Lease Name Metcalf

Operator Name Cabot Oil & Gas Corporation

Well # 2-7

Sec. 7 Twp. 34S Rge. 33

East
 West

County Seward

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.) Yes No
Samples Sent to Geological Survey Yes No
Cores Taken Yes No
Electric Log Run (Submit Copy.) Yes No
List All E.Logs Run:

Log Name	Formation (Top)	Depth and Datum	Sample
Name	Top	Datum	
Chase		2622'	<input checked="" type="checkbox"/>
Council Grove		3004'	
Toronto		4345'	
Marmaton		5203'	
Cherokee		5382'	
Morrow		5835'	
Chester		6123'	
St. Genevieve		6488'	

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 1/4"	8 - 5/8"	24#	1625'	35-65 Poz	675	6% gel
					Class H	150	2% cc
Production	7 7/8"	4 - 1/2"	10.5#	3000'	DSL-W	220	2% cc
					Class H	220	D-CO

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
1 SPF	2749' thru 2756'	1500 gals 15% FE HCL	
	2761' thru 2766'		
	2622' thru 2630'	2500 gals 15% HCL & 52 ball sealers	
	2649' thru 2658' 2687' thru 2693'	Fraced w/44806 gals WF130, Sand & Slick w/	
1 SPF	2693'-2707' & 2710' thru 2714'	acidized w/4500 gals 15% NEFE	

TUBING RECORD Size 2 3/8" Set At 2791 Packer At Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. WOPL Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		200 Mcf	40	N/A	-

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

DOWELL SCHLUMBERGER INCORPORATED

P.O. BOX 4378 HOUSTON, TEXAS 77210

CUSTOMER

KSCC

ORIGINAL

OILFIELD SERVICES INDUSTRIAL SERVICES DEC 1 3 1991

CONFIDENTIAL

DSI SERVICE ORDER RECEIPT AND INVOICE NO. 03-12-3964		DSI SERVICE LOCATION NAME AND NUMBER Ulysses KS 03-12	
CUSTOMER NUMBER	CUSTOMER P.O. NUMBER	TYPE SERVICE CODE	BUSINESS CODES
		271	

CUSTOMER'S NAME: **CAROT**
 ADDRESS:
 CITY, STATE AND ZIP CODE:

WORKOVER	NEW WELL	OTHER	API OR IC NUMBER
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

DSI will furnish and Customer shall purchase materials and services required in the performance of the following SERVICE INSTRUCTIONS or DSI INDUSTRIAL SERVICE CONTRACT NO. _____ in accordance with the terms and conditions as printed on the reverse side of this form.

CMT 1625' ± 8" SURF PIPE WITH 675 SCS 35/65 PZ/11
+ 6" D20 + 2" CALC + 44# 13K D29
150 SCS 4 + 2" CALC

SERVICE ORDER RECEIPT
 I certify that the materials and services listed were authorized and received and all services performed in a workmanlike manner and that I have the authority to accept and execute this document.

JOB COMPLETION	MO.	DAY	YR.	TIME
	8	13	91	1900

STATE	CODE	COUNTY / PARISH	CODE	CITY
Kansas		SEWARD		

WELL NAME AND NUMBER / JOB SITE	LOCATION AND POOL / PLANT ADDRESS	SHIPPED VIA
METCALF #2-7	Sec 7-345-33W	DS

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
059697-000	PACK	EA	1	125.00	125.00
059200-002	MILEAGE CHG	MI	50	2.65	132.50
102571-020	PUMP CHG	EA	1	1000.00	1000.00
049102-000	DELIVERY CHG 77,980 ± 50 MI	TOP MI	1950	0.80	1560.00
049100-000	SERVICE CHG	FT 3	913	1.15	1049.95
048600-000	CEMENT HEAD	EA	1	600.00	N/C
040015-000	CLASS H	FT 3	589	7.25	4270.25
045008-000	LITE PZ 3	FT 3	236	3.50	826.00
045014-050	D20 BENTONITE	LB	3524	.16	563.84
067005-100	CALC	LB	1457	.34	495.38
044003-025	D29 CELLOPHANE FLAKE	LB	169	1.45	245.05
056704-035	TOP RUBBER PLUG	EA	1	150.00	150.00

Field Estimate # 10,417 ⁹⁷ Less 35% # 6771 ⁶⁸	SUB TOTAL
LICENSE/REIMBURSEMENT FEE	
LICENSE/REIMBURSEMENT FEE	

REMARKS: Thanks for using DSI!	STATE	% TAX ON \$
	COUNTY	% TAX ON \$
	CITY	% TAX ON \$
SIGNATURE OF DSI REPRESENTATIVE	TOTAL \$	

CEMENTING SERVICE REPORT

ORIGINAL DS

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER 03-12-3964	DATE 8-13-91
STAGE DS	DISTRICT 61555ES LS

DS-496 PRINTED IN U.S.A.

WELL NAME AND NO METCALF 2-7	LOCATION (LEGAL) SEC 7-34S-33W	RIG NAME H-40 #1	WELL DATA: BOTTOM BIT SIZE 12 1/4 CSG/Liner Size 2 1/2
FIELD-POOL	FORMATION	WELL DATA: WEIGHT 24 M	WELL DATA: FOOTAGE 1622.49
COUNTY/PARISH SEWARD	STATE Kansas	API NO.	MUD TYPE GRADE
NAME CUBOT			MUD DENSITY 9.07 LESS FOOTAGE SHOE JOINT(S) 43.53
AND			MUD VISC. 30-34 Disp. Capacity 1578.94
ADDRESS			NOTE: Include Footage From Ground Level To Head In Disp. Capacity
	ZIP CODE		Float TYPE 0.5 INSERT
SPECIAL INSTRUCTIONS			Float DEPTH 1578.94
			Stage Tool TYPE TEXAS TOWER
			Stage Tool DEPTH 1622.47

DEC 13
CONFIDENTIAL

IS CASING/TUBING SECURED? <input type="checkbox"/> YES <input type="checkbox"/> NO	LIFT PRESSURE 667 PSI	CASING WEIGHT - SURFACE AREA (3 1/4 x R2)	TOP DR OR W <input type="checkbox"/> NEW <input type="checkbox"/> USED	BOT DR OR W <input type="checkbox"/> NEW <input type="checkbox"/> USED	ROTATE RPM RECIPROCAT FT No. of Centralizers 1
	PSI BUMP PLUG TO 1120 PSI				

TIME	PRESSURE		VOLUME PUMPED BBL		JOB SCHEDULED FOR TIME 1900 DATE 8-13			ARRIVE ON LOCATION TIME 1900 DATE 8-13		LEFT LOCATION TIME 0100 DATE 8-14	
	TBG OR D.P.	CASING	INCREMENT	CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL			
0001 to 2400								PRE-JOB SAFETY MEETING			
2245								PRESSURE TEST LINES			
2251	2800							START FILLING AHEAD			
2254	120		5		5	FILLO 83+		FILLING AHEAD PUMPED START LEAD CEMENT			
2255	120		238	5		CMT 12.4		LEAD CEMENT PUMPED START TAIL CEMENT			
2342	190		28	243		CMT 16.4		TAIL CEMENT PUMPED SHUT DOWN			
2348	-			271				DROP TOP MUG			
2348	-			271				START DISPLACEMENT CEMENT TO SURFACE			
2350			100.58	271		FILLO		SLOW RATE			
2354	50			20				SLOW RATE			
0004	200			72	4			SLOW RATE			
0009	400			90	3			BUMP TOP PLUG			
0012	440			96	1 1/2			CHECK FLOAT - FLOAT HOLDING.			
0013	440			100	1 1/2						
0013	1120			-							

RELEASED
9m 25 1993
1530 2/1/93

STATE OF KANSAS COMMISSIONER

REMARKS FROM CONFIDENTIAL DEC 16 1991

SYSTEM CODE	NO. OF SACKS	YIELD CU FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
							BBLs	DENSITY
1	675	1.98	35/65 POZ/H + 6% D20 + 2% CALC + 1" / 3" D27				238	12.4
2	150	1.05	4 + 2% CALC				28	16.4
3								
4								
5								
6								

BREAKDOWN FLUID TYPE	VOLUME	DENSITY	PRESSURE	MAX. 1120 MIN.
<input type="checkbox"/> HESITATION SO	<input type="checkbox"/> RUNNING SO	CIRCULATION LOST	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Cement Circulated To Surf <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO 80 Bbls
BREAKDOWN PSI FINAL	PSI	DISPLACEMENT VOL. 100	Bbls	TYPE OF WELL <input type="checkbox"/> OIL <input type="checkbox"/> GAS
Washed Thru Perls <input type="checkbox"/> YES <input type="checkbox"/> NO	TO FT	MEASURED DISPLACEMENT X	<input type="checkbox"/> WIRELINE	<input type="checkbox"/> STORAGE <input type="checkbox"/> INJECTION <input type="checkbox"/> BRINE WATER <input type="checkbox"/> WILDCAT
PERFORATIONS TO TO	TO TO	CUSTOMER REPRESENTATIVE	DS SUPERVISOR	
		Frank Burk	Greg Czemurik	

OILFIELD SERVICES INDUSTRIAL SERVICES **DEC 13**

ORIGINAL

DSI SERVICE LOCATION NAME AND NUMBER **CONFIDENTIAL**
 Ulysses, Kansas 03-12

DSI SERVICE ORDER RECEIPT AND INVOICE NO.
03-12-3991

CUSTOMER NUMBER CUSTOMER P.O. NUMBER

TYPE SERVICE CODE **285** BUSINESS CODES

CUSTOMER'S NAME **Cabot Production**
 ADDRESS
 CITY, STATE AND ZIP CODE

WORKOVER NEW WELL OTHER API OR IC NUMBER

IMPORTANT SEE OTHER SIDE FOR TERMS & CONDITIONS
 ARRIVE LOCATION MO. DAY YR. TIME
8 23 91 1900

SERVICE ORDER RECEIPT
 I certify that the materials and services listed were authorized and received and all services performed in a workmanlike manner and that I have the authority to accept and execute this document.

JOB COMPLETION MO. DAY YR. TIME
8 23 91 1030

SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE
[Signature]

STATE **Kansas** CODE COUNTY / PARISH **Seward** CODE CITY **1- Seward**
 WELL NAME AND NUMBER / JOB SITE **Hitch #2-25** LOCATION AND POOL / PLANT ADDRESS **Sec 25-32S-34W** SHIPPED VIA **D.S.**

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
102871-035	Pump Truck Chg	Eg.	1	1160 ⁰⁰	1160 ⁰⁰
049102-000	Delivery Chg	T/m	1050	.80	840 ⁰⁰
049100-000	Service chg	WFT	475	1 ¹⁵	546 ³⁵
059697-000	PACR Recorder	Eg.	1	125 ⁰⁰	125 ⁰⁰
059200-002	Mileage on Pump	mi	50	2 ⁶⁵	132 ⁵⁰
040015-000	D909 Class H Cement	CUFT	363	7 ²⁵	2631.75
045008-000	D35 Lite Poz 3	CUFT	77	3 ⁵⁰	269.50
045014-050	D20 Bentonite Extender	LB	1148	.14	160.72
067005-100	S1 Calcium Chloride	LB	797	.34	270.98
044003-025	D29 Cellophane Flakes	LB	55	1 ⁴⁵	79.75
044002-050	D60 FLAC Fluid Loss	LB	165	7 ¹⁰	1171.50
100293-000	D827 CW100	BB1	20	33 ²⁵	665 ⁰⁰
067011-000	m117 Potassium Chloride	LB	500 350	.25	87 ⁵⁰ 125⁰⁰
056011-044	4 1/2" Centralizer	Eg.	2	50 ⁰⁰	100 ⁰⁰
056704-044	4 1/2" Top Rubber Plug	Eg.	1	74 ⁰⁰	74 ⁰⁰
056008-044	4 1/2" Cement Basket	Eg.	1	140 ⁰⁰	140 ⁰⁰

STATE COMPTROLLER

DEC 16 1991

RELEASED

Jan 25 1993

FROM CONFIDENTIAL

Field Estimate 8,454.45# Less 35% Disc. 5,495.39#

LICENSE/REIMBURSEMENT FEE			
LICENSE/REIMBURSEMENT FEE			
STATE	% TAX ON \$		
COUNTY	% TAX ON \$		
CITY	% TAX ON \$		
SIGNATURE OF DSI REPRESENTATIVE	TOTAL \$		

THANKS For Using D.S. Co. *[Signature]*

[Signature]

CEMENTING SERVICE REPORT

CONFIDENTIAL



DOWELL SCHLUMBERGER INCORPORATED

DS-496 PRINTED IN U.S.A.

TREATMENT NUMBER 23-12-3991	DATE 8-2
STAGE 1	DS DISTRICT WYSSSES, Kansas 03-12

WELL NAME AND NO. Hitch #2-25	LOCATION (LEGAL) Sec 25-325-34W
FIELD-POOL Hugoton	FORMATION
COUNTY/PARISH Seward	STATE Kansas
API NO.	

RIG NAME H-40 Drilling #1	WELL DATA	BOTTOM	POP
BIT SIZE 7 7/8	ESG Liner Size	4 1/2	KCC
TOTAL DEPTH 1400	WEIGHT	10.5	DEC 13
<input checked="" type="checkbox"/> ROT <input type="checkbox"/> CABLE	FOOTAGE	3005	CONFIDENTIAL
MUD TYPE	GRADE		
<input type="checkbox"/> BHST <input type="checkbox"/> BHCT	THREAD		
MUD DENSITY	LESS FOOTAGE SHOE JOINT(S)	8.8	TOTAL
MUD VISC.	Disp. Capacity	2917	46.7

NAME Cabot Pet Corp.
AND
ADDRESS
ZIP CODE

SPECIAL INSTRUCTIONS Cement + 4 1/2" casing long string with 220 SK 35/65 (P2/H) + Additives + 220 SK Class H + additives. Flush with 220 KCI H₂O.

NOTE: Include Footage From Ground Level To Head In Disp. Capacity	Flapper Insert	DEPTH 2916.76
Cement Nose	DEPTH 3004.84	
Head & Plugs	<input type="checkbox"/> TBG <input type="checkbox"/> D.P.	SQUEEZE JOB
<input type="checkbox"/> Double <input type="checkbox"/> Single	SIZE WEIGHT	TOOL TYPE DEPTH
<input type="checkbox"/> Swage <input type="checkbox"/> Knockoff	GRADE THREAD	TAIL PIPE: SIZE DEPTH
<input type="checkbox"/> TOP OR OW <input type="checkbox"/> BOT OR OW	NEW USED DEPTH	TUBING VOLUME CASING VOL BELOW TOOL
		TOTAL ANNUAL VOLUME

IS CASING/TUBING SECURED? YES NO
LIFT PRESSURE 2000 PSI CASING WEIGHT - SURFACE AREA (3.14 x R²)
PRESSURE LIMIT 2000 PSI BUMP PLUG TO 1300 PSI
ROTATE RPM RECIPROCATATE 15-30 FT No. of Centralizers 7

TIME	PRESSURE		VOLUME PUMPED 9BL		JOB SCHEDULED FOR			ARRIVE ON LOCATION		LEFT LOCATION	
	TBG OR D.P.	CASING	INCREMENT	CUM	TIME: 1900	DATE: 8-23	TIME: 1945	DATE: 8-23	TIME: 1100	DATE: 8-23-91	
0001 to 2400					INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL			
2030								PRE-JOB SAFETY MEETING PSI Inst 2000 PSI			
2059		0	20		2	H ₂ O	8.84	Start + CW 100			
2110		210	78	79	5	cmnt	12.4	Start + Lead Cement			
2124		140	46	46	5	cmnt	15.6	Start + Tail Cement			
2136		350						Shot Down Wash Lines Drop Plug			
2139		0	46.4		5	220KCI	8.45	Start + Displacement			
2146		200		24	3			Caught + Cement Lower Rate			
2149		380		32	2			Lower Rate			
2151		420		36	1.5			Lower Rate			
2153		460		40	1			Lower Rate			
2201		630		46.7				Bump Plug To 1300 PSI			
2202		0						Release Pressure Floa + Held			

RECEIVED
STATE CORPORATION COMMISSION
DEC 16 1991

REMARKS C 3F " DIVISION

SYSTEM CODE	NO OF SACKS	YIELD CU FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
							BBLs	DENSITY
1	220	1.98	220 35/65 (P2/H) + 620 D20 + 220 SI + 1/4" 4" RI DRESS				77.6	12.4
2	220	1.18	CLASS H + 820 D60 + 220 SI				46	15.6
3								
4								
5								
6								

FROM CONFIDENTIAL

BREAKDOWN FLUID TYPE	VOLUME	DENSITY	PRESSURE	MAX. 1300	MIN: 1
<input type="checkbox"/> HESITATION SO <input type="checkbox"/> RUNNING SO	CIRCULATION LOST	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Cement Circulated To Surf.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Bbls
BREAKDOWN	PSI FINAL	PSI	DISPLACEMENT VOL. 46.4	Bbls	TYPE OF WELL
Washed Thru Perfs <input type="checkbox"/> YES <input type="checkbox"/> NO	TO	FT.	MEASURED DISPLACEMENT 47.5	<input type="checkbox"/> WIRELINE	<input type="checkbox"/> OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> STORAGE <input type="checkbox"/> INJECTION <input type="checkbox"/> BRINE WATER <input type="checkbox"/> WILDCAT
PERFORATIONS	TO	TO	CUSTOMER REPRESENTATIVE	DS SUPERVISOR	
			Frank K Burke	Ronny Gindlesberger	

CEMENTING SERVICE REPORT

ORIGINAL 

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER 03-12-2991	DATE 8-2
STAGE 1	DS DISTRICT WVSSOS Kansas 03-12

DS-486 PRINTED IN U.S.A

WELL NAME AND NO. Hitch #3-25	LOCATION (LEGAL) Sec 25-32S-34W	RIG NAME: H-40 Drilling #1
FIELD-POOL Houghton	FORMATION	WELL DATA:
COUNTY/PARISH Seward	STATE Kansas	API NO.
NAME Coker Pet Corp.	WELL DATA: BIT SIZE 7 7/8 CSQ Liner Size 4 1/2	
AND	TOTAL DEPTH 1100 WEIGHT 105	
ADDRESS	MUD TYPE GRADE 3005	
ZIP CODE	MUD DENSITY LESS FOOTAGE SHOE JOINT(S) 89	
SPECIAL INSTRUCTIONS	MUD VISC. Disp. Capacity 2917	
Cement 4 1/2 casing long string with 220 SK 35/65 Poz/W + Additives + 220 SK Class H + additives. Flush w/ 16 2% KCl H ₂ O.	NOTE: Include Footage From Ground Level To Head in Disp. Capacity	

IS CASING/TUBING SECURED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	LIFT PRESSURE 2000 PSI	CASING WEIGHT - SURFACE AREA (3.14 x R ²)
PRESSURE LIMIT 2000 PSI	BUMP PLUG TO 1300 PSI	ROTATE RPM RECIPROCATATE 15-20 FT No. of Centralizers 7
Head & Plugs <input type="checkbox"/> Double <input checked="" type="checkbox"/> Single <input type="checkbox"/> Swage	<input type="checkbox"/> TBG <input type="checkbox"/> D.P. SIZE WEIGHT GRADE	TOOL TYPE DEPTH
<input type="checkbox"/> Knockoff <input type="checkbox"/> THREAD	<input type="checkbox"/> NEW <input type="checkbox"/> USED	TAIL PIPE: SIZE DEPTH
TOP DR OW <input type="checkbox"/> BOT DR OW <input type="checkbox"/>	DEPTH	TUBING VOLUME CASING VOL. BELOW TOOL TOTAL ANNUAL VOLUME

TIME	PRESSURE		VOLUME PUMPED BBL		JOB SCHEDULED FOR			ARRIVE ON LOCATION			LEFT LOCATION		
	TBG OR D.P.	CASING	INCREMENT	CUM	TIME: 1900	DATE: 8-23	TIME: 1945	DATE: 8-23	TIME: 1100	DATE: 8-23-91			
0001 to 2400													
2030													
2059		0	20		2	H ₂ O	844						
2110		210	78	79	5	cmnt	124						
2124		140	46	46	5	cmnt	156						
2136		250											
2139		0	46.4		5	220K1	845						
2146		200		29	3								
2149		380		32	2								
2151		420		36	1.5								
2153		460		40	1								
2201		630		46.7									
2202		0											

REMARKS

SYSTEM CODE	NO OF SACKS	YIELD CU FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
			1	2	3	4	BBLs	DENSITY
1	220	1.98	220 35/65 (Poz/W) + 6% D20 + 2% S1 + 1/4" / 6" D350				77.6	12.4
2	220	1.18	Class H + 2% D20 + 2% S1				46.2	15.6
3								
4								
5								
6								

BREAKDOWN FLUID TYPE	VOLUME	DENSITY	PRESSURE	MAX. 1300	MIN: 1
<input type="checkbox"/> HESITATION SO <input type="checkbox"/> RUNNING SO	CIRCULATION LOST	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Cement Circulated To Surf.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Bbls
BREAKDOWN	PSI	FINAL	PSI	DISPLACEMENT VOL 46.4	Bbls
Washed Thru Perls <input type="checkbox"/> YES <input type="checkbox"/> NO	TO	FT	MEASURED DISPLACEMENT 47.5	<input type="checkbox"/> WIRELINE	TYPE OF WELL <input checked="" type="checkbox"/> OIL <input type="checkbox"/> GAS <input type="checkbox"/> STORAGE <input type="checkbox"/> INJECTION <input type="checkbox"/> BRINE WATER <input type="checkbox"/> WILDCAT
PERFORATIONS	TO	TO	CUSTOMER REPRESENTATIVE	DS SUPERVISOR	
			Frank Burke	Ronny Gindlesberger	