

ORIGINAL

SIDE ONE

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

Operator: License # 6120
 Name: Cabot Oil & Gas Corporation
 Address 9400 N. Broadway, Suite 608
 City/State/Zip Oklahoma City, OK 73114
 Purchaser: _____
 Operator Contact Person: Jim R. Pendergrass
 Phone (405) 478-6514

Contractor: Name: H-30 Drilling, Inc.
 License: 5107

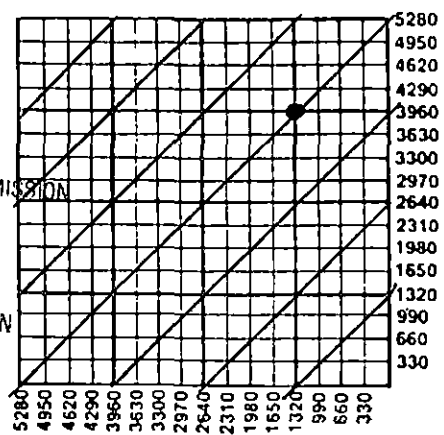
Wellsite Geologist: _____
 Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas *SL* Inj Delayed Completion
 Dry Other (Core, Water Supply, etc.)

If **OWO**: old well info as follows:
 Operator: _____
 Well Name: _____
 Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable
3/20/91 3/23/91 7/10/91
 Spud Date Date Reached TD Completion Date

API NO. 15- 175-21,175-0000
 County Seward
NE/4 Sec. 30 Twp. 32S Rge. 33 East West
3960 Ft. North from Southeast Corner of Section
1320 Ft. West from Southeast Corner of Section
 (NOTE: Locate well in section plat below.)
 Lease Name Luft Well # 2-30
 Field Name Hugoton
 Producing Formation Chase
 Elevation: Ground 2759' KB 2770'
 Total Depth 2,850' PBD _____

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 STATE CORPORATION COMMISSION
 SEP 11 1991
 OIL & GAS CONSERVATION DIVISION
 WICHITA, KANSAS



Amount of Surface Pipe Set and Cemented at 672' 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 cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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: Roberta E. Mitchell
 Title Regulatory Coordinator Date July 22, 1991
 Subscribed and sworn to before me this 22 day of July, 1991.
 Notary Public: Craig B. Turner
 Date Commission Expires Sept. 2, 1992

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Drillers Timelog Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
		<input checked="" type="checkbox"/> NGPA
		<input type="checkbox"/> Other
		(Specify)

PI

SIDE TWO

Operator Name Cabot Petroleum Corporation Lease Name Luft Well # 2-30

Sec. 30 Twp. 32S 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 Yes No
 (Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy.)

Formation Description		
	<input type="checkbox"/> Log	<input checked="" type="checkbox"/> Sample
Name	Top	Bottom
Sand and Red Bed	0	680'
Shale and Red Bed	680'	1,912'
Anhydrite	1,912'	2,215'
Shale and Lime	2,215'	2,850'
Rotary Total Depth		2,850'

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#	672'	Lite Wt. Class H	220	2% cc
Production	7-7/8"	4-1/2"	10.5#	2849'	Lite Wt. Class H	360	2% cc

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth
lspf	2457-2463,	Acidized 2500 gals 15% HCL & 84BS Frac Totals=38,500 gals + 30# X-Link + 1638 gals slick water. 1000 gals 15% HCL + 32 BS w/2% KCL wtr Frac Total = 6,450 gals 1500 gals 15% HCL + 32 BS flushed w/2% KCL wtr
lspf	2543-2546, 2525-2537, 2486-2503	
lspf	2574-2581, 2587-2591	
lspf	2625-2631, 2643-2646, 2657-2661	

TUBING RECORD

Size	Set At	Packer At	Liner Run
2 3/8"	2448'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First Production WOPL Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	48	36		

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION Open Hole Perforation Dually Completed Commingled Other (Specify) _____

Production Interval _____

CEMENTING SERVICE REPORT



DOWELL SCHLUMBERGER INCORPORATED

CEMENT NUMBER: 312-3657 DATE: 3/23/91
 STAGE: DS DISTRICT: Ulysses KS

DS-496 PRINTED IN U.S.A.

WELL NAME AND NO.: **Zuff** LOCATION (LEGAL): **Sec 30-22S-33W** RIG NAME: **H30 #1**
 FIELD: **Houston** FORMATION: **Chase** WELL DATA: BIT SIZE: **7 7/8** CSQ/Liner Size: **4 1/2** BOTTOM: TOP:
 COUNTY/PARISH: **Seward** STATE: **Kansas** A.P.I. NO.: TOTAL:
 NAME: **Cabot** MUD TYPE: GRADE: MUD DENSITY: **8.8** MUD VISC.: **2769** 44 28
 ADDRESS: ZIP CODE:

SPECIAL INSTRUCTIONS: **Provide Materials & Services to safely Cmt 4 1/2 production string**

IS CASING/TUBING SECURED? YES NO
 LIFT PRESSURE: **1887** PSI CASING WEIGHT - SURFACE AREA (3.14 x R²):
 PRESSURE LIMIT: **1000** PSI BUMP-PLUG TO: **1400** PSI
 ROTATE: RPM RECIPROCATATE: FT No. of Centralizers:

TIME	PRESSURE		VOLUME PUMPED BBL		JOB SCHEDULED FOR			ARRIVE ON LOCATION		LEFT LOCATION	
	TBG OR D.P.	CASING	INCREMENT	CUM	TIME	DATE	TIME	DATE	TIME	DATE	
0001 to 2400											
19:06	200	109	1	-	1	11:00	8:33	1500	3/23/91	20:30	3/23/91
19:08		90	28	-	4.3	11:00	8:38				
19:16		290	126	-	6.3	Cmt	2.4				
19:25		160	42	-	5.1	Cmt	15.6				
19:45		20	-	-	-	-	-				
19:51		190	44	-	5.6	11:20	KCl				
19:58		600	-	-	2.2	11:20	KCl				
20:00		1400	-	-	1.9	11:20	KCl				
20:01						11:20	KCl				
20:01						11:20	KCl				

PRE-JOB SAFETY MEETING: **psi test done**
Chemical Wash ahead & spc
Start lead cmt
Start Tail Cmt
Shut Down, wash line, Drop Plug
Start Displacing
Lower pump Rt.
Bump Plug
Release JSI
Job Done

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 SEP 11 1991
 CONSERVATION DIVISION
 Wichita Kansas

REMARKS:

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED		
			BLS	DENSITY	BLS	DENSITY	
1	360	1.98	25% 202/A + 6% 020 + 2% 31 + 1/4 #12K 029	126.9	12.4		
2	200	1.18	Class H + .8% 060 + 2% 31	42.0	15.6		
3							
4							
5							
6							

BREAKDOWN FLUID TYPE: HESITATION SQ. RUNNING SQ. CIRCULATION LOST: YES NO
 PRESSURE: MAX. **1400** MIN: **0**
 Cement Circulated To Surf. YES NO
 BREAKDOWN: PSI FIN. L. PSI DISPLACEMENT VOL. **44** Bbls
 TYPE OF WELL: OIL STORAGE BRINE WATER
 W GAS INJECTION WILDCAT
 Washed Thru Perls YES NO TO FT. MEASURED DISPLACEMENT:
 PERFORATIONS: TO TO TO TO
 CUSTOMER REPRESENTATIVE: **Jim Hanna**
 SUPERVISOR: **Area Beck**

