

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             Inj             Delayed Comp.  
 Dry             Other (Core, Water Supply, etc.)

If **OWMO**: 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.)

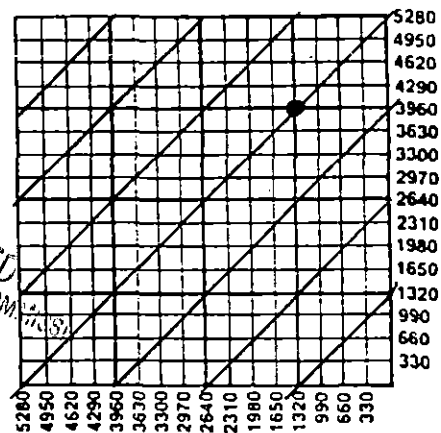
Lease Name Luft Well # 2-30

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 2759' KB 2770'

Total Depth 2,850' PBD \_\_\_\_\_



STATE CORPORATION COMMISSION  
RECEIVED  
3-18-92  
MAR 18 1992  
CONSERVATION

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 Chris B. Turner

Date Commission Expires Sept 3, 1992

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

**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.

<p>Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets.)</p> <p>Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.)</p>	<p style="text-align: center;"><b>Formation Description</b></p> <p style="text-align: center;"><input type="checkbox"/> Log <input checked="" type="checkbox"/> Sample</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: center;">Top</th> <th style="text-align: center;">Bottom</th> </tr> </thead> <tbody> <tr> <td>Sand and Red Bed</td> <td style="text-align: center;">0</td> <td style="text-align: center;">680'</td> </tr> <tr> <td>Shale and Red Bed</td> <td style="text-align: center;">680'</td> <td style="text-align: center;">1,912'</td> </tr> <tr> <td>Anhydrite</td> <td style="text-align: center;">1,912'</td> <td style="text-align: center;">2,215'</td> </tr> <tr> <td>Shale and Lime</td> <td style="text-align: center;">2,215'</td> <td style="text-align: center;">2,850'</td> </tr> <tr> <td>Rotary Total Depth</td> <td></td> <td style="text-align: center;">2,850'</td> </tr> </tbody> </table>	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'
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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

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

<b>TUBING RECORD</b>	Size <u>2 3/8"</u>	Set At <u>2448'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First Production WOPL Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

<b>Estimated Production Per 24 Hours</b>	Oil <u>0</u> Bbls.	Gas <u>48</u> Mcf	Water <u>36</u> Bbls.	Gas-Oil Ratio	Gravity
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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 \_\_\_\_\_