

CONFIDENTIAL

ORIGINAL

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

API NO. 15- 175-215360000

County SEWARD

CN2 - SW - SW - Sec. 11 Twp. 34S Rge. 34 X X W

990 Feet from (S)N (circle one) Line of Section

660 Feet from (E)W (circle one) Line of Section

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

Lease Name ADAMSON Well # 5-11

Field Name ADAMSON

Producing Formation CHESTER

Elevation: Ground 2906 KB _____

Total Depth 6464 PBDT _____

Amount of Surface Pipe Set and Cemented at 1356 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 cmt.

Drilling Fluid Management Plan AIF-1, 8-21-98 U.C.
(Data must be collected from the Reserve Pit)

Chloride content 8000 ppm Fluid volume 5000 bbls

Dewatering method used EVAPORATE/DRY OUT/BACKFILL

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name OCT 1 1998 License No. _____

Quarter Sec. Twp. S Rng. E/W

County FROM CONFIDENTIAL Docket No. _____

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: STEVE TURK

Phone: (405) 478-6501

Contractor: Name: ALLEN DRILLING CO.

License: 5418

Wellsite Geologist: JIM KENNEDY

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBDT

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

5-14-96 5-25-96 8-13-96

Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 John P. Suter JOHN P. SUTER

Title DISTRICT PRODUCTION SUPERINTENDENT Date 8/30/96

Subscribed and sworn to before me this 30th day of AUGUST, 1996

Notary Public James B. Jurek RECEIVED

Date Commission Expires SEPT. 2, 2000 KANSAS CORPORATION COMMISSION



K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached

C Wireline Log Received

C Geologist Report Received

KCC SWD/Rep NGPA

KGS Plug Other (Specify)

SEP 03 1996 Form ACO-1 (7-91)

CONSERVATION DIVISION WICHITA, KS

CONFIDENTIAL

Operator Name CABOT OIL & GAS CORPORATION

Lease Name ADAMSON

Well # 5-11

Sec. 11 Twp. 34S Rge. 34

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.)

List All E.Logs Run:
COMPENSATED NEUTRON LITHO-DENSITY/GR
ARRAY INDUCTION-SP/MICRO-RESISTIVITY-GR
MICROLOG/GAMMA RAY

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
HERRINGTON	2648'	
WINFIELD	2760'	
COUNCIL GROVE	33019'	
BASE HEEBNER	4334'	
LANSING	4480'	
CHECKERBOARD	4841'	
MARMATON	5138'	
MORROW	5810'	
ST. GENEVIEVE	6462'	
ST. LOUIS	NDE	
CHESTER LIME	6080'	

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"	23#/ft.	1356'	Lite Class A	450 150	3% cc 1/4# flo 3% cc
PRODUCTION	7-7/8"	4-1/2"	10.50 #/ft.	6503'	Self Stess 10/10	200	.2% anti-foamer

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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
1	CHESTER	6376'-6388' 6398'-6404'	ACIDIZE CHESTER - 1500 gals 7-1/2% NE/FE	6376'-6404'
			FRAC - 4500 gals 65 Q YF 125LG + 14700 gals 65 Q YF 125LG + 51548# 20/40 Ottawa Sand	6376'-6404'

TUBING RECORD Size 2-3/8" Set At 6444.33 Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SMD or Inj. FIRST SALE - 8/18/96 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		154	50		

Disposition of Gas: METHOD OF COMPLETION

Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

6376-6404
8/18/96

ALLIED CEMENTING CO., INC. 00466

CONFIDENTIAL ORIGINAL

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Oakley

15-175-215.36

DATE <u>5/15/96</u>	SEC. <u>11</u>	TWP. <u>34s</u>	RANGE <u>34w</u>	CALLED OUT <u>8:00 AM</u>	ON LOCATION <u>11:30 AM</u>	JOB START <u>3:00 PM</u>	JOB FINISH <u>4:00 PM</u>
LEASE <u>Adams</u>		WELL # <u>5-11</u>	LOCATION <u>Liberal 5N 4W 34s E15</u>		COUNTY <u>Seward</u>	STATE <u>KS</u>	

OLD OR NEW (Circle one)

CONTRACTOR Allen Drilling Co
 TYPE OF JOB CMT 4 3/4 SURFACE CSG
 HOLE SIZE 12 1/2 TD. 1360
 CASING SIZE 8 7/8 23' DEPTH 1359
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 650 MINIMUM 50
 MEAS. LINE _____ SHOE JOINT 44
 CEMENT LEFT IN CSG. 44
 PERFS. _____

OWNER Co. bot oil & Gas
 CEMENT
 AMOUNT ORDERED
450 Light + 3% cacl² 4" Fla-sol
150 Class A + 3% cacl²
 COMMON 150 SKS @ 7.20 1080
 POZMIX _____ @ _____
 GEL _____ @ _____
 CHLORIDE 18 SKS @ 28.00 504
Lite 450 SKS @ 6.65 2,997
Fla-sol 112 # @ 1.12 124
 HANDLING 600 SKS @ 1.05 630
 MILEAGE 44.5 mi @ 11.60 528
 TOTAL 5,864

EQUIPMENT

PUMP TRUCK CEMENTER _____
 # 300 HELPER Wayne
 BULK TRUCK _____ RELEASED
 # 305 DRIVER JEFF
 BULK TRUCK _____ OCT 1 1998
 # 212 DRIVER Max

FROM CONFIDENTIAL

AUG 30
CONFIDENTIAL

REMARKS:

Cmt 4 3/4 surface csg with 450 SKS
Light + 3% cacl² 4" Fla-sol + 150 SKS
Class A + 3% cacl² Drop Plug
Displacer 84 MM Land Plug Float Hold
Cement Did Circulate

DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____ 445
 EXTRA FOOTAGE 1050' @ 4.10 430
 MILEAGE 22 mi @ 2.35 51
 PLUG 8 7/8 Rubber Plug @ _____ 90

TOTAL 1,017

CHARGE TO: Allen Drilling Co
 STREET P.O. 1389
 CITY Great Bend STATE Kan ZIP 67530

FLOAT EQUIPMENT

1-8 7/8 Tex. Pattern Stop @ _____ 286
1-8 7/8 AFU INS-PT @ _____ 385
3-8 7/8 Centralizers @ _____ 183
1-8 7/8 Cement Basket @ _____ 200
1 Thread Lock @ _____ 30

TOTAL 1,084

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE: [Signature]

TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____
 RECEIVED
 KANSAS CORPORATION PAID IN 30 DAYS

3rd Feb 96
LO

SEP 03 1996

CONSERVATION DIVISION
WICHITA, KS

CEMENTING SERVICE REPORT

Schlumberger
Dowell

TREATMENT NUMBER: 03-12-8379 DATE: 5-26-96
STAGE: DS DISTRICT: Wilkes, KS

OS-496-A PRINTED IN U.S.A.

WELL NAME AND NO.: Adamson * 5-11 LOCATION (LEGAL): Sec 11-34s-34w
FIELD-POOL: FORMATION:
COUNTY/PARISH: Seward STATE: KS APL. NO.:

NAME: Cabot Oil & Gas
AND:
ADDRESS:
ZIP CODE:

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SPECIAL INSTRUCTIONS: RELEASED
OCT 1 1998

FROM CONFIDENTIAL

IS CASING/TUBING SECURED? YES NO
LIFT PRESSURE: 4249 PSI CASING WEIGHT - SURFACE AREA (3.14 x R²):
PRESSURE LIMIT: PSI BUMP PLUG TO: 1560 PSI
ROTATE: RPM RECIPROCATATE: FT No. of Centralizers: 12

RIG NAME: Yellow Drilling #1
WELL DATA: BIT SIZE: 7 7/8 CSO/Liner Size: 4 1/2
TOTAL DEPTH: 6500 WEIGHT: 10.5
 ROT CABLE FOOTAGE: 6506
MUD TYPE: GRADE: 558 ORIGINAL
 BHST BHCT THREAD: 827
MUD DENSITY: LESS FOOTAGE SHOE JOINT(S): 3.7
MUD VISC.: Disp. Capacity: 102.8

NOTE: Include Footage From Ground Level To Mead in Disp. Capacity
SHOE: Fixed DEPTH: 6464 TYPE: T.Y. Pattern DEPTH: 6506

Head & Plug: Double Single Swage Knockoff
SIZE: WEIGHT: GRADE: THREAD: DEPTH:
TOOL: TYPE: DEPTH:
SQUEEZE JOB: TAIL PIPE: SIZE: 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	DATE	TIME	DATE	TIME	DATE	
0001 to 2400											
0329	4000										
0331	0		10		5.0	H2O					
0333	270		11		4.0	cmf	11				
0336	170		50		4.0	cmf	14.8				
0348	0										
0350	0		103		8.0	H2O					
0353	130		20		8.0	H2O					
0359	340		67		7.8	H2O					
0401	500		80		7.8						
0402	500		90		7.8						
0402	760		94		2.2						
0405	610		100		2.2						
0406	700		102		2.2						
0407	1560		103		2.2						
0408											

REMARKS:

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		RECEIVED BY	SLURRY MIXED	
			10-10+	2% K ₂ NO ₃		BBLs	DENSITY
1.	200	1.54	self steps	10-10+	RECEIVED BY CONSERVATION COMMISSION	54.8	14.8
2.							
3.							
4.							
5.							
6.							

SEP 03 1996

CONSERVATION DIVISION
WICHITA, KS

BREAKDOWN FLUID TYPE: HESITATION SQ. RUNNING SQ. CIRCULATION LOST. VOLUME: 102.8 bbls. DENSITY: 10.5. PRESSURE: MAX. MIN. Cement Circulated To Surf. YES NO
BREAKDOWN: PSI FINAL: 102.8. TYPE OF WELL: OIL GAS STORAGE INJECTION BRINE WATER WILDCAT
Washed Thru Parts: YES NO TO: FT. MEASURED DISPLACEMENT: WIRELINE
PERFORMERS: TO: TO: CUSTOMER REPRESENTATIVE: SUPERVISOR: James F. ...