

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- 175-21535-0000

County SEWARD

CE/2 - SE - - Sec. 35 Twp. 33S Rge. 34 X W

1320 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 COOK Well # 4-35

Field Name ADAMSON

Producing Formation MORROW

Elevation: Ground 2910' KB

Total Depth 6600' PBDT 6023'

Amount of Surface Pipe Set and Cemented at 1369' 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 AH.1, 8-21-98 U.C.
(Data must be collected from the Reserve Pit)

Chloride content 8000 ppm Fluid volume 5100 bbls

Dewatering method used EVAPORATE/DRYOUT/BACKFILL

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

 Quarter Sec. Twp. S Rng. E/W

County 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

RELEASED

SEP 25 1998

Designate Type of Completion **FROM CONFIDENTIAL**

X New Well Re-Entry Workover

 Oil SWD SLOW Temp. Abd.

X 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.

5-29-96 6-10-96 6-27-96

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. Jut

Title DISTRICT PRODUCTION SUPERINTENDENT Date 8/30/96

Subscribed and sworn to before me this 30th day of AUGUST 19 96

Ann B. Suran

Notary Public Expires SEPT. 2, 2000

K.C.C. OFFICE USE ONLY

F X Letter of Confidentiality Attached

C X Wireline Log Received

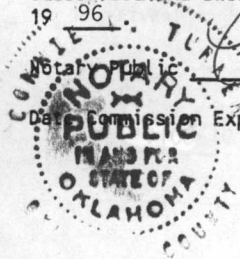
C Geologist Report Received

Distribution

 KCC SWD/Rep NGPA

 KGS Plug Other

(Specify)



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SEP 03 1996
CONSERVATION DIVISION
WICHITA, KS

CONFIDENTIAL

Operator Name CABOT OIL & GAS CORPORATION

Lease Name COOK

Well # 4-35

Sec. 35 Twp. 33S Rge. 34

East

County SEWARD

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 Yes No
(Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy.)

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
HERRINGTON	2662'	
WINFIELD	2770'	
COUNCIL GROVE	3020'	
BASE HEEBNER	4315'	
LANSING	4446'	
CHECKERBOARD	4808'	
MARMATON	5152'	
MORROW	5768'	
ST. GENEVIEVE	6358'	
ST. LOUIS	6452'	
CHECSTER LIME	6042'	

List All E.Logs Run:

COMPENSATED NEUTRON LITHO DENSITY/GR
ARRAY INDUCTION MICRO RESISTIVITY/GR
MICROLOG/GR
CBL

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.	1369'	Lite Class A	450 150	3% cc+1/4# Flocc
PRODUCTION	7-7/8"	4-1/2"	10.50 #/Ft.	6036'	Self Stress 10/10	25 200	.2% anti-foamer + 1/4 celloflake + .5% TIC

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
2	MORROW 6009'-6019'	Acidize Morrow - 500 gals 7 1/2% NE/FE Frac Morrow - 10300 gals 65% N2 YF 125 LG + 8656# 20/40 Ottawa Sand + 89 bbls YF 125 + 189000 SCF/N2	6009'-6019'
4	MORROW 6009'-6014'	Acidize Morrow - 100 gals 7 1/2% NE/FE Frac Morrow - 6000 gals YF 130L + 17900 Gals YF 130LG + 47200 20/40 Ottawa Sand	6009'-6014'
	CIBP @ 6023'		

TUBING RECORD Size 2-3/8" Set At 5989.53' Packer At _____ Liner Run Yes No

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

Estimated Production Per 24 Hours Oil _____ Bbls. Gas _____ Mcf 250 Water _____ Bbls. Gas-Oil Ratio _____ Gravity _____

Disposition of Gas: METHOD OF COMPLETION

Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 6009'-6019'
(If vented, submit ACO-18.) Other (Specify) _____



CONFIDENTIAL CEMENTING LOG

15-175-21535-0000

STAGE NO. ORIGINAL

Date 5-30-96 District Ness Ticket No. 5977
 Company Colbert Oil - Allen Rig Allen
 Lease _____ Well No. _____
 County Sevier State Ks.
 Location 51293-45-3W-14N Field _____

CEMENT DATA:
 Spacer Type: _____
 Amt. _____ Sks Yield _____ ft³/sk Density 4 PPG

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 8 5/8" Type _____ Weight 23# Collar _____

LEAD: Pump Time _____ hrs. Type _____
ALW 370CC 9" 210 Excess _____
 Amt. 450 Sks Yield 1.97 ft³/sk Density 12.5 PPG

TAIL: Pump Time _____ hrs. Type _____
Common 223 Excess _____
 Amt. 150 Sks Yield 1.17 ft³/sk Density 15.4 PPG

WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls.

Casing Depths: Top _____ Bottom 1373

Pump Trucks Used 224 - Bob
 Bulk Equip. 116 - Bill

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SEP 25 1996

Drill Pipe: Size 4 1/2" Weight 116.60 Collars _____
 Open Hole: Size 12 1/4" T.D. 1375 ft. P.B. to _____ ft.

Float Equip: Manufacturer Baker FROM CONFIDENTIAL

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 0.0640 Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. 0.1458 Lin. ft./Bbl. 6.9599
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. 0.0735 Lin. ft./Bbl. 13.6037
 Bbls/Lin. ft. 0.4127 Lin. ft./Bbl. 2.4229
 Perforations: From _____ ft. to _____ ft. Amt. _____

Shoe: Type Texas Depth _____
 Float: Type AEU Depth _____
 Centralizers: Quantity 3 Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. Bucket - Bakerlock
 Disp. Fluid Type H₂O Amt. 85 Bbls. Weight 8.35 PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE [Signature]

CEMENTER Michael Mauer

TIME	PRESSURES PSI		FLUID PUMPED DATA		
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.
4:35PM			10 BBL		
			11.5 BBL		
			19.5 BBL		
			8.5 BBL		
5:45PM					

REMARKS
 Arrived on location - Had to set up
 H₂O Spacer
 Cement Mix - ALW
 Cement Plug - Common
 H₂O displacement
 Plug down - ~~fold~~ did hold - cement did well ✓

NOV
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CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER	8405	DATE	6-10-96
STAGE	DS 03	DISTRICT	12 ULYSSES, KS

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

WELL NAME AND NO. COOK # 4-35	LOCATION (LEGAL) SEC. 35-33S-34W
FIELD-POOL	FORMATION CHESTER
COUNTY/PARISH SEWARD	STATE KS
	API. NO.

RIG NAME: Allen DRIG R. 6 # 5		
WELL DATA:	BOTTOM	TOP
BIT SIZE 7 7/8	CSG/Liner Size 4 1/2	
TOTAL DEPTH	WEIGHT	10.5
<input type="checkbox"/> ROT <input type="checkbox"/> CABLE	FOOTAGE	6130
MUD TYPE	GRADE	
<input type="checkbox"/> BHST <input type="checkbox"/> BHCT	THREAD	820
MUD DENSITY	LESS FOOTAGE SHOE JOINTS	6.070
MUD VISC.	Disp. Capacity	16.9

ORIGINAL

NAME CABOT OIL & GAS

AND

ADDRESS

ZIP CODE

SPECIAL INSTRUCTIONS

Safely Cement 4 1/2 long string NS Per

CUSTOMER'S INSTRUCTIONS

IS CASING/TUBING SECURED? YES NO

LIFT PRESSURE 4022 PSI CASING WEIGHT - SURFACE AREA (3.14 x R²)

PRESSURE LIMIT 2000 PSI BUMP PLUG TO 1300 PSI

ROTATE RPM RECIPROCATATE 15 FT No. of Centralizers 5

NOTE: Include Footage From Ground Level To Head In Disp. Capacity

SHOE	TYPE	DEPTH	STAGE TOOL	TYPE	DEPTH
	TEXAS PATTERN	6130			

Head & Plugs TBG D.P. SQUEEZE JOB

Double WEIGHT GRADE

Single THREAD

Swage KNOCKOFF

TOOL TYPE DEPTH

TAIL PIPE: SIZE DEPTH

TUBING VOLUME Bbls

CASING VOL. BELOW TOOL Bbls

TOTAL Bbls

ANNUAL VOLUME Bbls

TIME	PRESSURE		VOLUME PUMPED bbl		JOB SCHEDULED FOR TIME: 1300 DATE: 6-10-96			ARRIVE ON LOCATION TIME: 1300 DATE: 6-10-96	LEFT LOCATION TIME: DATE:
	TBG OR D.P.	CASING	INCREMENT	CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY		
0001 to 2400									
1734	2000					H2O	8.3		PRE-JOB SAFETY MEETING
1736	200				5.5				PRESS. TEST LINES
1737	20				5.5	CNT.	11.0		START H2O
1739	220				5.5		14.8		START SCVENGER CNT.
1749									START CNT.
1752	150				8	H2O	11.0		START PLUG
1801	400				70		11		START CHECK
1803	640				80		11		START CHECK
1804	820				89		11		LOWER RATE
1805	590				91		11		START CHECK
1808	1300				97		11		BUMP PLUG

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RELEASED SEP 25 1996

REMARKS FROM CONFIDENTIAL

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
			10	10	2%	2%	BBLs	DENSITY
1.	225	1.54	10	10	2%	2%	67	11.8
2.								
3.								
4.								
5.								
6.								

BREAKDOWN FLUID TYPE

HESITATION SQ. RUNNING SQ. CIRCULATION LOST

DENSITY MAX. 1300 MIN:

BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL 97 Bbls

Washed Thru Ports YES NO TO FT. MEASURED DISPLACEMENTS

PERFORATIONS TO TO CUSTOMER REPRESENTATIVE DS SUPERVISOR

CARL COVENS Mary Jane