

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: CABOT OIL & GAS MARKETING CORPORATION

Operator Contact Person: STEVE TURK

Phone (405) 478-6501

Contractor: Name: BEREDCO

License: CONFIDENTIAL

Wellsite Geologist: _____

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD S1OW Temp. Abd.
 Gas ENHR SIGW
 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 PBDT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

6-12-95 6-15-95 6-30-95
Spud Date Date Reached TD Completion Date

API NO. 15- 175-21472-0000 ORIGINAL

County SEWARD

SW - SW - SW - Sec. 6 Twp. 33S Rge. 31 W W

330 Feet from S (circle one) Line of Section

330 Feet from E (circle one) Line of Section

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

Lease Name MASSONI Well # 6-6

Field Name MASSONI

Producing Formation CHASE (KRIDER)

Elevation: Ground 2773' KB _____

Total Depth 3500' PBDT 2740'

Amount of Surface Pipe Set and Cemented at 754 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.

Drilling Fluid Management Plan ALT 1 JH 9-5-95
(Data must be collected from the Reserve Pit)

Chloride content 5000 ppm Fluid volume 10000 bbls

Dewatering method used EVAPORATION, DRY OUT, BACK FILL

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

CONFIDENTIAL 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 Earl D. Logan EARL D. LOGAN

Title ENGINEER Date 8/8/95

Subscribed and sworn to before me this 8th day of AUGUST

Notary Public Connie B. Stevens

Date Commission Expires SEPT. 2, 1996

RELEASED STATE CORPORATION COMMISSION
NOV 1 1995
AUG 17 1995
CONFIDENTIAL

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

Operator Name CABOT OIL & GAS CORPORATION Lease Name MASSONI Well # 6-6
 Sec. 6 Twp. 33S Rge. 31 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.)

List All E.Logs Run:

GL/CBL/CCL

DUAL INDUCTION

MICRO

COMPENSATED NEUTRON/LITHO-DENSITY

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
Herrington	2568'	
Krider	2603'	
Winfield	2690'	
Towanda	2746'	
Ft. Riley	2816'	
Council Grove	2924'	
Admire	3260'	
Waubensee	3376'	

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#	754'	Prem + Lite	220 150	2% cc 1/4 #/sx #1 Flocelle
PRODUCTION	7-7/8"	4-1/2"	10.5#	3351'	Poz-C	175	6% D-20, 10% D-44, 5 #/sx, D42, 1/4 #/sx D-29

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<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
2	L. Council Grove	3173'-3176'	Acidize w/500 gals 15% NE/FE HCl	3173'-3176'
	CIBP @ 3164'			
2	U. Council Grove	3130'-3135'	Acidize w/500 gals 15% NE/FE HCl	3130'-3135'
	CIBP @ 2750'		(SEE ATTACHED SHEET FOR ADDITIONAL PERFS)	

TUBING RECORD Size 2-3/8" Set At 2602' Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 1st Production 8/2/95 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		400 MCFPD			

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled

2594'-2650'

CABOT OIL & GAS CORPORATION
 MASSONI 6-6
 SEC. 6-33S-31W
 SEWARD CO., KS

CONFIDENTIAL

ORIGINAL

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	Chase (Krider) 2594'-2600'; 2602'-2614'; 2636'-2650'	Acidize w/3000 gals 15% NE/FE HCl	2594'-2650'
		Frac U. Krider w/20,000 gals 50Q Foamed 28% HCl + 130,000 gals SCF N ₂	2594'-2650'

RELEASED
 NOV 1 1996
 FROM CONFIDENTIAL

RECEIVED
 STATE CORPORATION COMMISSION
 AUG 1 1995
 OIL AND GAS COMMISSION



WELL DATA
FIELD _____ SEC 6 TWP 33S RANGE 71W COUNTY LeFlore STATE OK

FORMATION NAME _____ TYPE _____
FORMATION THICKNESS _____ FROM _____ TO _____
INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
COMPLETION DATE _____ MUD TYPE _____ ID FT _____
PACKER TYPE _____ SET AT _____
BOTTOM HOLE TEMP. _____ PRESSURE _____
MISC. DATA _____ TOTAL DEPTH 754'

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ITEM	SIZE	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	25	8 7/8	10	757	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT-VALVE <u>Insert 8 7/8</u>	<u>1</u>	<u>N</u>
PROF. PIPE <u>Ell tube 4 1/2</u>	<u>1</u>	<u></u>
GUIDE SHOE <u>ROB 8 7/8</u>	<u>1</u>	<u>0</u>
CENTRALIZERS <u>SY 8 7/8</u>	<u>3</u>	<u></u>
BOTTOM PLUG		<u>W</u>
TOP PLUG <u>SW 8 7/8</u>	<u>1</u>	<u></u>
HEAD		<u>C</u>
PACKER		
OTHER		

JOB DATA

CALLED OUT DATE	ON LOCATION DATE	JOB STARTED TIME	JOB COMPLETED DATE
DATE <u>6-17-95</u> TIME <u>2040</u>	DATE <u>17-95</u> TIME <u>2215</u>	DATE <u>16</u> TIME <u>0216</u>	DATE <u>16</u> TIME <u>0245</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>J. Woodrow</u>	<u>40077</u>	<u>L. B. 103</u>
<u>T. Davis</u>	<u>50776</u>	<u></u>
<u>PH550</u>	<u>76400 HOC</u>	<u></u>
<u>S. Pooter</u>	<u>325/BULK</u>	<u>H. B. 103</u>
	<u>75237</u>	<u></u>

MATERIALS
TREAT. FLUID _____ DENSITY _____ LB/GAL. API
DEPL. FLUID _____ DENSITY _____ LB/GAL. API
PROP. TYPE _____ SIZE _____ LB.
PROP. TYPE _____ SIZE _____ LB.
ACID TYPE _____ GAL. _____ %
ACID TYPE _____ GAL. _____ %
ACID TYPE _____ GAL. _____ %
SURFACTANT TYPE _____ GAL. _____
NE AGENT TYPE _____ GAL. _____
FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN.
GELLING AGENT TYPE _____ GAL.-LB. _____ IN.
FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN.
BREAKER TYPE _____ GAL.-LB. _____ IN.
BLOCKING AGENT TYPE _____ GAL.-LB. _____
PERFRAC BALLS TYPE _____ QTY. _____
OTHER _____
OTHER _____

DEPARTMENT CEMENT
DESCRIPTION OF JOB Cement 4 1/2" surface csg.

JOB DONE THRU: TUBING CASING ANNULUS TBC/ANN.
CUSTOMER REPRESENTATIVE Stu Wyckoff
HALLSBURTON OPERATOR J. Woodrow COMES REQUESTED _____
STATE CORPORATION COMMISSION

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIONS	YIELD CU. FT./SCK.	MIXED LBS./GAL.
<u>220</u>	<u>220</u>	<u>from chrs 192</u>	<u>B</u>	<u>2% cc</u>	<u>in 4th stage</u>	<u>2.06</u>	<u>17.3</u>
<u>1</u>	<u>150</u>	<u>from plug</u>	<u>0</u>	<u>2% cc</u>		<u>1.92</u>	<u>14.8</u>

DATE Aug 17 1995

PRESSURES IN PSI
CIRCULATING _____ DISPLACEMENT _____
BREAKDOWN _____ MAXIMUM _____
AVERAGE _____ FRACTURE GRADIENT _____
SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____
HYDRAULIC HORSEPOWER _____
ORDERED _____ AVAILABLE _____ USED _____
AVERAGE RATES IN BPM _____
TREATING _____ DEPL. _____ OVERALL _____
CEMENT LEFT IN PIPE _____
FEET 37 REASON shoe joint

SUMMARY
PRELUSH: BBL-GAL _____ TYPE _____
LOAD & BKDN: BBL-GAL _____ PAD: BBL-GAL _____
TREATMENT: BBL-GAL _____ DISP. BBL-GAL 45.7
CEMENT SLURRY: BBL-GAL 80.7 c.c. 35.2 f.c.
TOTAL VOLUME: BBL-GAL _____

REMARKS
CALL 1550S SURFS TO STU WYCKOFF

CUSTOMER LeFlore
LEASE LIBERAL
WELL NO. 0
JOB TYPE 3 1/2" SURFACE CSG.
DATE 6-17-95

Post-It™ Fax Note 671

To Steve Turk	From Robbie
Co./Dept.	Co. Beredco
Phone #	Phone #
Fax # 405-478-6529	Fax #

ORIGINAL

BEREDCO Inc.

MORNING REPORT Date 19 S M W T F S Rtg 2 Day 5
 Company Labot Lease Massoni No. _____

CONFIDENTIAL

Well No. _____ Total _____ County _____ State _____ Weather _____
 A.M. P.M. Cond. _____

ACCIDENTS-

Spud @ _____ 19 Accidents _____

Had _____ Conductor Set @ _____ W/ _____

Depth 3350 ft. Status rig down Formation _____ Drilled _____ ft.

ROP _____ FPH @ _____ Survey @ _____

Engineer 7 A.M.

W. T. _____ # _____	P. Filler _____ # _____	Calcium _____ ppm
Viscosity _____ Sec.	Oil _____ %	P.H. _____
P. Vis. _____	Solids _____ %	Gel _____
Water loss _____ CC	Sand _____ %	Ratio _____
Filter Cake _____	Chlorides _____ ppm	Yield Point _____

TERMINATIONS-

RELEASED

NOV 1 1996

BIT NO.	TYPE	SIZE	JETS	SERIAL NO.	OUT	FEET DRILLED	HRS. RUN	FPH	GRADE T S G

FROM CONFIDENTIAL

Liner _____ Stroke 4 SFM _____ PSI _____ RPM _____ W.T. _____

Log 3 @ 3500

S-Trip _____ Rig _____

Trip _____ Survey _____

Wash _____ WOC _____

Drig. Plug _____ A.M. P.M. Hard

Drig. Line _____ Ft. Loss Cir. _____ BBL

Cement _____ Fish _____ DST # _____ Depth _____

Lay Down _____ Plug _____ DST # _____ Depth _____

Repair _____

CLH 1/2

@ 3350

1-Hgd. _____ 1-F _____ IS-1 _____ FF _____ FS-1 _____ F-Hgd. _____

1-Hgd. _____ 1-F _____ IS-1 _____ FF _____ FS-1 _____ F-Hgd. _____

MUD ADDED Mud Supplier _____

Gel _____ Lime _____ Thinner _____ Barite _____ Soda Ash _____

Caustic _____ Drispac _____ Hulls _____ Starch _____ Preservative _____

Fiber _____ Disco _____ OMC \$ _____ 00 TMC \$ 1018 00

Set 78 Joints 3349.6 ft. New 10.5 * 4 1/2 Set @ 3350 ft.

W/ 175 Skts 3565 102-6 6 1/2 D-20 10 1/2 D-44

5 #/sk D-42 4 # D-29

Plugged _____ 5:00 A.M. P.M. _____

Plugged _____ 5:00 A.M. P.M. _____

Plugged _____ 5:00 A.M. P.M. _____

Plugged _____ 5:00 A.M. P.M. _____

Plugged _____ 5:00 A.M. P.M. _____

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Plugged _____ 5:00 A.M. P.M. _____

RECEIVED STATE CORPORATION COMMISSION

AUG 1 1995

CON- WIKHITS: KANSAS

Total Rotate Hrs.	<u>44 1/4</u>
Total Foot Per Hr	<u>78.2</u>
Day Work Hrs.	_____
Non Rotate Hrs.	_____
Total Hrs. On Well	_____

Orders By _____
 Rig Released _____ Ft. _____ .00
 Pipe Strap _____ Hrs. _____ .00
 Total Ft. _____ Prev. _____ .00
 Elev. _____ Accu. _____ .00
 Fuel Del. _____ gal
 Fuel 36 " used 9 " gal