

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

CONFIDENTIAL

API NO. 15- 175-21393 **ORIGINAL**

County SEWARD

W2 - SE - SW - Sec. 6 Twp. 33S Rge. 31 E

660 Feet from S/W (circle one) Line of Section

1520 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 MASSONI Well # 5-6

Field Name MASSONI

Producing Formation ST. LOUIS

Elevation: Ground 2774' KB _____

Total Depth 6100' PBDT 6045'

Amount of Surface Pipe Set and Cemented at 1535 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 11-2-94
(Data must be collected from the Reserve Pit)

Chloride content 3000 ppm Fluid volume 8000 bbls

Dewatering method used DEWATER/EVAPORATE/DRY OUT/BACK FILL

Location of fluid disposal if hauled offsite:

RELEASED

Operator Name _____

JUL 26 1995

Lease Name _____ License No. 100

~~FROM CONFIDENTIAL~~ Twp. JUN 30 E/W

County _____ Docket No. _____

CONFIDENTIAL

Operator: License # 6120

Name: CABOT OIL & GAS CORPORATION

Address 9400 N. BROADWAY, SUITE 608

City/State/Zip OKLAHOMA CITY, OK 73114

Purchaser: EOTT ENERGY OPERATING LP

Operator Contact Person: JIM R. PENDERGRASS

Phone (405) 478-6500

Contractor: Name: H-40 DRILLING, INC.

License: 30692

Wellsite Geologist: _____

Designate Type of Completion

New Well _____ Re-Entry _____ Workover _____

Oil _____ SWD _____ SIOG _____ 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. _____

5/11/94 5/22/94 6/12/94
Spud Date Date Reached TD Completion Date

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.

RECEIVED
STATE CORPORATION COMMISSION

Signature James R Henry JAMES R. HENRY

Title ENGINEER Date 6/30/94

Subscribed and sworn to before me this 30th day of JUNE 19 94.

Notary Public _____

Date Commission Expires SEPT. 2, 1996

JUL 05 1994

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)

SIDE TWO

Operator Name CABOT OIL & GAS CORPORATION Lease Name MASSONI Well # 5-6
 Sec. 6 Twp. 33S Rge. 31 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:
 SPECTRAL DENSITY DUAL SPACED NEUTRON II LOG
 DUAL INDUCTION LATEROLOG
 MICROLOG

Log Formation (Top), Depth and Datums		Sample
Name	Top	Datum
HERRINGTON	2567'	
WINFIELD	2689'	
TOWANDA	2752'	
COUNCIL GROVE	2917'	
TOPEKA	4176'	
BASE HEEBNER	4241'	
LANSING	4378'	
MARMATON	5017'	
CHEROKEE	5180'	
MORROW	5522'	
CHESTER	5595'	
ST. GENEVIEVE	5784'	
ST. LOUIS	5908'	

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 #/ft.	1535'	Plus Lite Class "H"	575 150	2%cc 1/4# 2%cc
PRODUCTION	7-7/8"	5-1/2"	15.5 #/ft.	6100'	50/50 Poz	130 110	10% salt 2 1/2# Ge 10% salt 2 1/2# Ge
					50/50 Poz	110	10% salt 2 1/2# Ge

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)	
	Top	Bottom	Depth	
2	5939'	5954'	ST. LOUIS	Acidize St. Louis w/2300 gals 15% NE- FE Frac St. Louis w/10000 gals 15% Acid + 10000 gelled water
				5939'-5954'
				5939'-5954'

TUBING RECORD Size 2-3/8" Set At 6012' Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 6/18/94 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	150				

Disposition of Gas: Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled **METHOD OF COMPLETION** Production Interval 5939'-5954'

CABOT OIL AND GAS CORPORATION

LEASE : MASSONI

WELL NO. : 5-6

TEST NO. : 1

MASSONI
LEASE NAME

5-6
WELL NO.

1
TEST NO.

4380.4 - 4401.0
TESTED INTERVAL

CABOT OIL AND GAS CORPORATION
LEASE OWNER/COMPANY NAME



677307-7351

GAUGE NO: 7351 DEPTH: 4398.0 BLANKED OFF: YES HOUR OF CLOCK: 12

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	2111	2043.8			
B	INITIAL FIRST FLOW	32	39.4			
C	FINAL FIRST FLOW	64	58.3	30.0	30.8	F
C	INITIAL FIRST CLOSED-IN	64	58.3			
D	FINAL FIRST CLOSED-IN	1278	1251.1	60.0	59.7	C
E	INITIAL SECOND FLOW	64	71.9			
F	FINAL SECOND FLOW	128	105.9	62.0	60.3	F
F	INITIAL SECOND CLOSED-IN	128	105.9			
G	FINAL SECOND CLOSED-IN	1246	1243.9	120.0	121.2	C
H	FINAL HYDROSTATIC	2047	2043.2			

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ORIGINAL

KCC

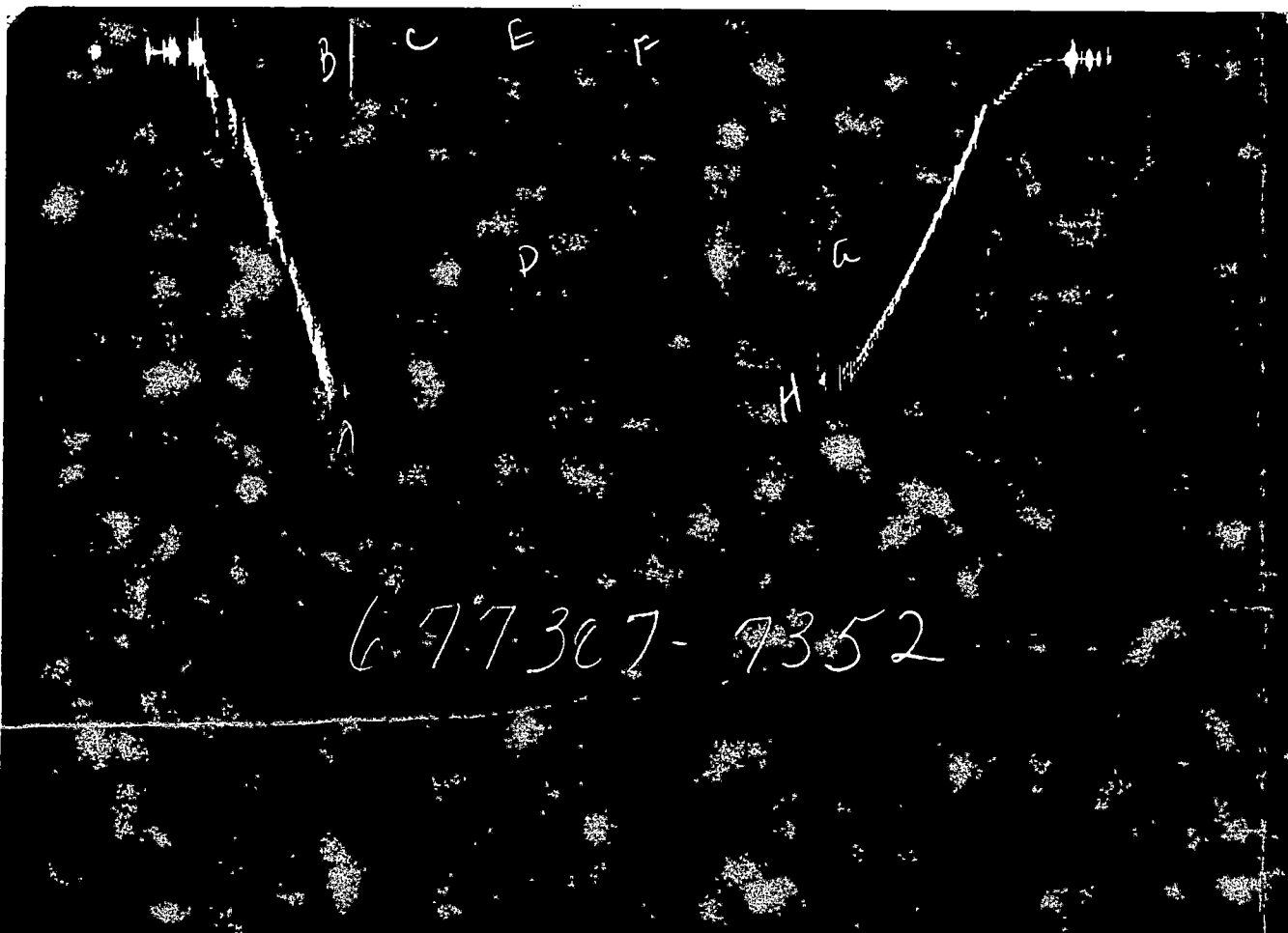
JUN 30

RELEASED

CONFIDENTIAL

JUL 26 1995

FROM CONFIDENTIAL



677307-7352

GAUGE NO: 7352 DEPTH: 4360.0 BLANKED OFF: NO HOUR OF CLOCK: 12

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	2055	2028.2			
B	INITIAL FIRST FLOW	31	20.0			
C	FINAL FIRST FLOW	62	46.6	30.0	30.8	F
C	INITIAL FIRST CLOSED-IN	62	46.6			
D	FINAL FIRST CLOSED-IN	1213	1230.2	60.0	59.7	C
E	INITIAL SECOND FLOW	31	64.3			
F	FINAL SECOND FLOW	93	97.3	62.0	60.3	F
F	INITIAL SECOND CLOSED-IN	93	97.3			
G	FINAL SECOND CLOSED-IN	1213	1220.1	120.0	121.2	C
H	FINAL HYDROSTATIC	1961	2016.6			

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JUL 26 1995

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TYPE & SIZE MEASURING DEVICE :

POSITIVE CHOKE

TICKET NO: 67730700

TIME	CHOKE SIZE	SURFACE PRESSURE PSI	GAS RATE MCF	LIQUID RATE BPD	REMARKS
05-15-94					
1300					CALLED OUT, REQUESTED AT 1500 HOURS
1430					ON LOCATION, RIG TRIPPING OUT OF THE HOLE
1543					STARTED HT-500 TEMP GAUGE
1552					STARTED BT RECORDER # 7351
1557					STARTED BT RECORDER # 7352
1610					OUT OF HOLE WITH COLLARS
1625					STARTED PICKING UP TOOL
1650					TOOL MADE UP IN TABLE
1655					RIG TRIPPED IN HOLE
1828					TOOL ON BOTTOM- WT. 104,000# 74,000# DOWN
1831	BH				TOOL OPENED WITH INSTANT BLOW OFF TOP OF BUCKET
1839	BH	9.5 OZ			BLOW OFF BOTTOM OF BUCKET OF WATER
1901	BH	15 OZ			CLOSED TOOL - NO GAS TO THE SURFACE
2001	BH				OPENED TOOL WITH INSTANT BLOW OFF BOTTOM OF BUCKET
2011	BH	21 OZ			MAXIMUM PRESSURE 21 OZ., STARTED DECREASING
2031	BH	18.5 OZ			PRESSURE DECREASING
2103	BH	15 OZ			CLOSED TOOL, NO GAS TO THE SURFACE
2303					OPENED BYPASS, PULLED OFF BOTTOM, 126,000#
2313					TRIPPED OUT OF HOLE - 118,000#
05-16-94					
0120					TOOL AT TABLE
0200					READ CHARTS AND LOADED OUT

RELEASED

JUL 26 1995

FROM CONFIDENTIAL

CONFIDENTIAL

ORIGINAL

EQUIPMENT & HOLE DATA
 FORMATION TESTED: LANSING
 NET PAY (ft): _____
 GROSS TESTED FOOTAGE: 20.6 PACKER TO T.D.
 ALL DEPTHS MEASURED FROM: KELLY BUSHING
 CASING PERFS. (ft): _____
 HOLE OR CASING SIZE (in): 7.875
 ELEVATION (ft): 2788.0 KELLY BUSHING
 TOTAL DEPTH (ft): 4401.0
 PACKER DEPTH(S) (ft): 4375, 4380 **RELEASED**
 FINAL SURFACE CHOKE (in): _____
 BOTTOM HOLE CHOKE (in): 0.750 **JUL 26 1995**
 MUD WEIGHT (lb/gal): 9.10
 MUD VISCOSITY (sec): 45 **FROM CONFIDENTIAL**
 ESTIMATED HOLE TEMP. (°F): 128
 ACTUAL HOLE TEMP. (°F): 100 @ 4396.4 ft

TICKET NUMBER: 67730700
 DATE: 05-15-94 TEST NO: 1
 TYPE DST: OPEN HOLE
 FIELD CAMP: LIBERAL
 TESTER: L.D. GRANT
J ARMSTRONG/R TAYLOR
 WITNESS: CARL COUYN
 DRILLING CONTRACTOR: H-40 DRILLING COMPANY #1

FLUID PROPERTIES FOR RECOVERED MUD & WATER

SOURCE	RESISTIVITY	CHLORIDES
<u>PIT SAMPLE</u>	<u>0.550 @ 70 °F</u>	<u>7113 ppm</u>
<u>MIDDLE</u>	<u>0.360 @ 70 °F</u>	<u>10164 ppm</u>
<u>BOTTOM</u>	<u>0.100 @ 70 °F</u>	<u>48778 ppm</u>
<u>SEE REMARKS SECTION</u>	_____ @ _____ °F	_____ ppm
_____	_____ @ _____ °F	_____ ppm
_____	_____ @ _____ °F	_____ ppm

SAMPLER DATA
 P_{sig} AT SURFACE: 100.0
 cu.ft. OF GAS: 0.037
 cc OF OIL: 2100.0
 cc OF WATER: _____
 cc OF MUD: _____
 TOTAL LIQUID cc: 2100.0

HYDROCARBON PROPERTIES
 OIL GRAVITY (°API): 40.3 @ 60 °F
 GAS/OIL RATIO (cu.ft. per bbl): _____
 GAS GRAVITY: _____

CUSHION DATA
 TYPE AMOUNT WEIGHT

RECOVERED :
 30 FEET OF CLEAN OIL
 120 FEET OF GAS CUT DRILLING MUD AND OIL
 60 FEET OF GAS CUT WATER AND MUD SPOT OIL
 210 FEET TOTAL RECOVERY

KCC
JUN 30
CONFIDENTIAL

MEASURED FROM TESTER VALVE

REMARKS :
 TOP RECOVERY 39.8 GRAVITY OIL AT 60 DEG. F., MIDDLE RECOVERY 40.8 GRAVITY OIL AT 60 DEG. F.
 CHARTS INDICATE A MECHANICALLY SUCCESSFUL TEST.
 CHARTS INDICATE LOW PRODUCTIVITY WITH SOME WELLBORE DAMAGE.

CABOT OIL & GAS CORPORATION

LEASE : MASSONI

WELL NO. : 5-6

TEST NO. : 2

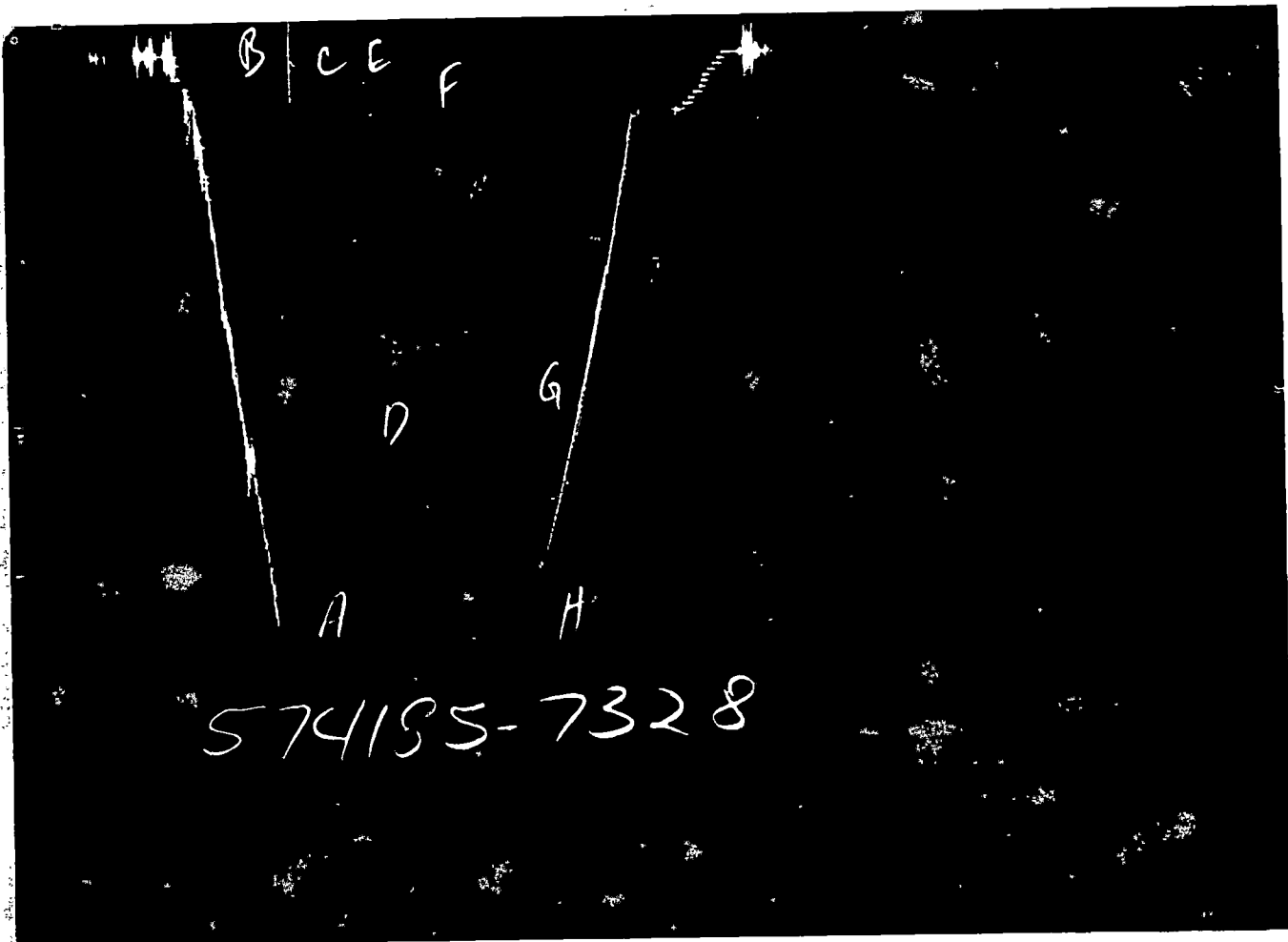
MASSONI
LEASE NAME

5-6
WELL NO.

2
TEST NO.

5940.1 - 5949.0
TESTED INTERVAL

CABOT OIL & GAS CORPORATION
LEASE OWNER/COMPANY NAME



GAUGE NO: 7328 DEPTH: 5915.4 BLANKED OFF: NO HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	2934	2781.3			
B	INITIAL FIRST FLOW	13	27.4			
C	FINAL FIRST FLOW	131	132.7	30.0	30.3	F
C	INITIAL FIRST CLOSED-IN	131	132.7			
D	FINAL FIRST CLOSED-IN	1778	1787.3	60.0	58.8	C
E	INITIAL SECOND FLOW	126	154.8			
F	FINAL SECOND FLOW	223	233.0	64.0	64.9	F
F	INITIAL SECOND CLOSED-IN	223	233.0			
G	FINAL SECOND CLOSED-IN	1778	1794.3	120.0	120.6	C
H	FINAL HYDROSTATIC	2882	2739.2			

CONFIDENTIAL

ORIGINAL

RCC

RELEASED

JUN 30

JUL 6 1995

CONFIDENTIAL

FROM CONFIDENTIAL

B C E F
 D G
 A H
 574135-7356

GAUGE NO: 7356 DEPTH: 5946.0 BLANKED OFF: YES HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	2912	2798.6			
B	INITIAL FIRST FLOW	26	39.3			
C	FINAL FIRST FLOW	132	133.5	30.0	30.3	F
C	INITIAL FIRST CLOSED-IN	132	133.5			
D	FINAL FIRST CLOSED-IN	1796	1797.2	60.0	58.8	C
E	INITIAL SECOND FLOW	132	166.3			
F	FINAL SECOND FLOW	251	246.3	64.0	64.9	F
F	INITIAL SECOND CLOSED-IN	251	246.3			
G	FINAL SECOND CLOSED-IN	1796	1806.2	120.0	120.6	C
H	FINAL HYDROSTATIC	2833	2757.4			

CONFIDENTIAL

ORIGINAL

CONFIDENTIAL ORIGINAL

TYPE & SIZE MEASURING DEVICE : _____ 6" POSITIVE CHOKE NIPPLE _____				TICKET NO: 57418500	
TIME	CHOKE SIZE	SURFACE PRESSURE PSI	GAS RATE MCF	LIQUID RATE BPD	REMARKS
05-20-94					
1200					CALLED OUT
1630					ON LOCATION; RIG PULLING PIPE
1740					PIPE OUT OF THE HOLE
1750					PICKED UP TOOLS
1815					TOOLS MADE UP
1830					STARTED IN HOLE WITH TOOLS
2048					ON BOTTOM; RIGGED UP
2054	B.H.				OPENED TOOL WITH WEAK BLOW ON TOP OF WATER IN THE BUCKET
2100	B.H.				MEDIUM BLOW ON BOTTOM OF BUCKET
2104	B.H.				STRONG BLOW ON BOTTOM OF BUCKET
2114	B.H.				STRONG BLOW ON BOTTOM OF BUCKET
2124	B.H.				CLOSED TOOL WITH STRONG BLOW ON BOTTOM OF BUCKET (NO GAS AT SURFACE)
2224	B.H.				OPENED TOOL WITH MEDIUM BLOW ON BOTTOM OF BUCKET
2234	B.H.				STRONG BLOW ON BOTTOM OF BUCKET
2244	B.H.	3.5			STRONG BLOW ON BOTTOM OF BUCKET
2254	B.H.	4.0			GAUGING PRESSURE THRU BUBBLE HOSE
2304	B.H.	4.0			
2314	B.H.	4.0			GAS TO THE SURFACE
2324	B.H.	5.0			GAS AT SURFACE
2328	B.H.				CLOSED TOOL
05-21-94					
0128					STARTED OUT OF THE HOLE
0345					HIT RECOVERY
0545					TOOLS IN TABLE
					KCC
					RELEASED
					JUN 30
					CONFIDENTIAL
					JUL 26 1995
					FROM CONFIDENTIAL

EQUIPMENT & HOLE DATA

FORMATION TESTED: ST. LOUIS
 NET PAY (ft): 6.0
 GROSS TESTED FOOTAGE: 8.9 PACKER TO T.D.
 ALL DEPTHS MEASURED FROM: K.B.
 CASING PERFS. (ft): _____
 HOLE OR CASING SIZE (in): 7.875
 ELEVATION (ft): UNKNOWN
 TOTAL DEPTH (ft): 5949.0
 PACKER DEPTH(S) (ft): 5934, 5940
 FINAL SURFACE CHOKE (in): _____
 BOTTOM HOLE CHOKE (in): 0.750
 MUD WEIGHT (lb/gal): 9.00
 MUD VISCOSITY (sec): 55
 ESTIMATED HOLE TEMP. (°F): _____
 ACTUAL HOLE TEMP. (°F): 133 @ 5919.5 ft

TICKET NUMBER: 57418500

DATE: 05-20-94 TEST NO: 2

TYPE DST: OPEN HOLE

FIELD CAMP:
PAMPA

TESTER: TED SCOTT

WITNESS: JIM TULL

DRILLING CONTRACTOR:
H-40 DRILLING COMPANY

FLUID PROPERTIES FOR RECOVERED MUD & WATER

SOURCE	RESISTIVITY	CHLORIDES
<u>SAMPLER</u>	<u>0.065 @ 78 °F</u>	<u>74802 ppm</u>
<u>TOP RECOVERY (DIL)</u>	<u>_____ @ _____ °F</u>	<u>_____ ppm</u>
<u>BOTTOM RECOVERY</u>	<u>0.081 @ 78 °F</u>	<u>64116 ppm</u>
<u>PIT</u>	<u>3.000 @ 78 °F</u>	<u>1603 ppm</u>
_____	_____ @ _____ °F	_____ ppm
_____	_____ @ _____ °F	_____ ppm

SAMPLER DATA

P_{sig} AT SURFACE: 185.0
 cu.ft. OF GAS: 0.440
 cc OF OIL: 800.0
 cc OF WATER: 500.0
 cc OF MUD: _____
 TOTAL LIQUID cc: 1400.0

HYDROCARBON PROPERTIES

OIL GRAVITY (°API): 27.4 @ 60 °F
 GAS/OIL RATIO (cu.ft. per bbl): 87
 GAS GRAVITY: 0.907

CUSHION DATA

TYPE	AMOUNT	WEIGHT
_____	_____	_____
_____	_____	_____

RECOVERED :

472 FT. OF OIL
 122 FT. OF OIL/MUD
 131 FT. OF WATER

RELEASED

JUL 26 1995

MEASURED FROM
TESTER VALVE

REMARKS :

FROM CONFIDENTIAL

NOTE: OIL IN SAMPLER HAD API GRAVITY OF 26.8

ERRATIC NATURE OF SECOND FLOW PERIOD AS RECORDED ON THE CHARTS IS A RESULT OF GAS BEING PRODUCED ALONG WITH THE LIQUID THEREBY INTERMITTENTLY WORKING ITS WAY UP THE FLUID COLUMN.

JUL 05 1994
CONCRETE DIVISION
Wichita, Kansas

5-11-94
889 surface
5-6
Cobert Dr. a 605
Messoni

REASON: **Insert float**

TREATING: **HS**

DRIP: **CEMENT LEFT IN PIPE**

OVERALL: **RECEIVED**

STATE CORPORATION COMMUNICATION

OPERATED: **USE**

VALUATE: **AVERAGE RATES IN BPM**

SHUT-IN: **INSTANT**

HYDRAULIC HORSEPOWER: **15-40M**

AVG. BREAKDOWN: **FROM CONFIDENTIAL**

AVG. CIRCULATING: **DISPLACEMENT**

DISPLACEMENT: **DISPLACEMENT**

MARKING: **MARKING**

PREPRESSURE: **JUL 2 6 1995**

STAGE	NUMBER OF BAGS	CEMENT	BRAND	BOX / BAGGED	ADDITIONS	FIELD LBS. GAL.	WATER LBS. GAL.
675	150	White			2% CC W & Flocculo 300	2.00	12.4
RELEASED					2% CC	1.02	1.64

CEMENT DATA

HALT BURTON OPERATIONS

OTHER: **Other**

PERFORM BATTLE TYPE: **Gal. Lb.**

BLOCKING AGENT TYPE: **Gal. Lb.**

BREAKER TYPE: **Gal. Lb.**

FROG BED AGENT TYPE: **Gal. Lb.**

GELING AGENT TYPE: **Gal. Lb.**

FLUID LOSS ADD. TYPE: **Gal. Lb.**

NE AGENT TYPE: **Gal. Lb.**

EMULSIFIER TYPE: **Gal. Lb.**

ACID TYPE: **Gal. Lb.**

ACID TYPE: **Gal. Lb.**

ACID TYPE: **Gal. Lb.**

PROP. TYPE: **Lb.**

PROP. TYPE: **Lb.**

DRIP FLUID: **DENSITY**

TREAT FLUID: **DENSITY**

JOB DATA

CALL OUT: **DATE 5/11/94**

ON LOCATION: **DATE 5/11/94**

JOB STARTED: **DATE 5/11/94**

JOB COMPLETED: **DATE 5/11/94**

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
O. Nichols	40078	Liberal
M. Fox	4125	Liberal
C. M. ...	2121	Liberal
...	52846	...
...	52849	...
...	44163	...
...	52803	...



DATE 5-11-94
TICKET NO. 677078

JOB LOG FORM 2013 R-4

CUSTOMER		WELL NO.		LEASE		JOB TYPE		OPERATION AND WATER	
Cabot Oil & Gas		5-1		Mason		899 Surface			
START TIME	END TIME	VOLUME (GAL)	GRINDS	PSI	FEARING	OPERATION AND WATER			
1330						Called out on location ORIGINAL			
1600						Rig up Safety meeting			
						Discuss job with crew			
						Drop Ball			
2000						Circulate with Rig pump			
2010						Hook up Cement Iron			
2012	6	204	✓		200	START Lead Cement			
2100	6	28.8	✓		250	START tail cement			
2110						Release plug			
2112	6	90	✓		200	Displace plug			
2130	6				400	STOP fill in ditch			
2135	2	4.8	✓		600	Pump D.P.P			
2138	1				1000	Load plug			
						Release psi check float ok			
						Circulated 94 bbl cement 263 5/15			

RELEASED

JUL 2 6 1995

FROM CONFIDENTIAL

FIELD OFFICE

RECEIVED STATE CORPORATION COMMISSION

JUL 0 5 1994

CONSERVATION DIVISION Wichita, Kansas

JOB LOG FORM 201SR-4

DATE 5-22-94

CUSTOMER Casco Oil Gas WELL NO. 5-6 LEASE (Mason) 5th S. STATE D.D. TICKET NO. 637534

START NO.	TIME	DEPTH (FEET)	LOG	REMARKS
	11:30			ENTERED RST. READY 11:00
	14:45			ON LOC. BY 2:00 P
	16:35			Rig out of HLE
	16:53			START CASING
	17:36			Put on 1st D.D. Tool @ 1430
	17:55			Hook up to Rig
	17:57			BREAK CIR.
	18:04			SHUT DOWN
	18:05			START CASING
	18:35			Put on 2nd D.D. Tool @ 1705
	19:10			Hook up to Rig
	19:17			BREAK CIR.
	19:26			SHUT DOWN
	19:27			START CASING
	20:05			CASING ON BOTTOM
	20:02			CIR. w/ Rig
	20:41	10	✓	250 START MUD FLUSH
	20:46	10	✓	250 START G.C. 140
	20:48	33.80	✓	250 START CUT
	20:50			Stop Mud Cut
	20:52			SHUT DOWN
	20:55			Drop Plug
	20:56	37.15	✓	0 START H ₂ O Displacement
	21:03	107	✓	250 START Mud Displacement
	21:20			Plug Point
	21:24			Drop Bomb
	21:50	5	✓	700 Open Bottom D.D. Tool
	21:54			SHUT DOWN
	21:55			Hook to Rig
	21:56			START CIR. w/ Rig

ORIGINAL

CONFIDENTIAL

KOC

JUN 30

RELEASED

CONFIDENTIAL

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RECEIVED STATE CORPORATION COMMISSION

JUL 05 1994

CONSERVATION DIVISION Wichita, Kansas



DATE: 5-23-94 PAGE NO: 12

JOB LOG FORM 2013 F-4

CUSTOMER		WELL NO.	LEASE	JOB TYPE	TRIPLET NO.	
CAGG OIL & GAS		5-6	MASONIZ	2 1/2 STAGE O.V.	677534	
CHART NO.	TIME	DATE (DD)	VOLUME (GAL)	PUMPS	PRESSURE (PSI)	REMARKS
						2 1/2 STAGE
						ORIGINAL
	02:10					Back to Halliburton
	02:23	5	10		250	START Mud Floak
	02:25	5	10		250	START Gel H ₂ O
	02:27	9	28.6		250	START CNT
	02:30					STOP MIX
	02:32					START Down
	02:34					Drop Plug #2
	02:35	6	41.12		0	START H ₂ O Displacement
	02:42	8	61.57		100	START Mud Displacement
	02:53				150	Close 1 1/2 O.V. Tool
	03:01					Drop Bomb No. 2
	03:16	2	7000		400	Open 2 1/2 O.V. Tool
	03:30					Back to R.P.
	03:32					Back to R.P.
	03:33					2 Stage Complete
						3 Stage
	07:55					Back to Halliburton's land Top R.P.
	08:02				150	Start Mud Floak
	08:09	5			150	Start Gel H ₂ O
	08:08				200	Start CNT
	08:16	6	28.6			START Down
	08:17				0	Drop Plug
	08:28				75	Start Displacement
	08:30	643			200	Open R.P. O.V.
						2 1/2 O.V. Tool
						Create Fluid Thurst stops
						Thank You Colby
						Halliburton
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