

FORM MUST BE TYPED Plugged 10-24-99

SIDE ONE

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

API NO. 15- 057-205540000 **ORIGINAL**  
County Ford  
-W2 - E2 - NW Sec. 24 Twp. 29S Rge. 22W <sup>E</sup><sub>W</sub>  
1320' Feet from S (circle one) Line of Section  
1520' Feet from E (circle one) Line of Section

Operator: License # 32521  
Name: Coronado Petroleum Corporation  
Address 105 N. Hudson, Suite 800  
City/State/Zip Okla. City, Okla. 73102  
Purchaser: NA

Footages Calculated from Nearest Outside Section Corner:  
NE, SE, N or SW (circle one)  
Lease Name McCaustland Well # 1-24  
Field Name Wildcat

Operator Contact Person: David Roddy  
Phone ( 405 ) 232-9700  
Contractor: Name: Allen Drilling Company  
License: 5418  
Wellsite Geologist: Mike Pollock

Producing Formation NA  
Elevation: Ground 2420' KB 2431'  
Total Depth 5500' PBDT 5488'  
Amount of Surface Pipe Set and Cemented at \_\_\_\_\_ Feet

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

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.

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. \_\_\_\_\_

Drilling Fluid Management Plan P4A, 1-28-00 U.C.  
(Data must be collected from the Reserve Pit)

Chloride content 20,000 ppm Fluid volume 5,000 bbls  
Dewatering method used Evaporation  
Location of fluid disposal if hauled offsite: NA

Operator Name \_\_\_\_\_  
Lease Name \_\_\_\_\_ License No. \_\_\_\_\_  
Quarter Sec. Twp. S Rng. E/W  
County \_\_\_\_\_ Docket No. \_\_\_\_\_

10-15-99 Spud Date 10-24-99 Date Reached TD P4A'd 10-24-99 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 David P. Roddy  
Title Operations Manager Date 11/5/99  
Subscribed and sworn to before me this 8th day of November, 19 99.  
Notary Public Diana L. Thompson  
Commission Expires 11-18-2000

**NO** 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)

My Commission Expires 11-18-2000  
The State Of Oklahoma  
Notary Public In And For  
CLEVELAND COUNTY  
DIANA L. THOMPSON



Operator Name Coronado Petroleum Corporation

SIDE TWO

Lease Name McCaustlandWell # 1-24Sec. 24 Twp. 29S Rge. 22W EastCounty Ford 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: Minilog Gamma Ray Log,  
 High Resolution Dual Induction Focused Log  
 Gamma Ray Log, Compensated Z-Densilog  
 Compensated Neutron Log Minilog Gamma Ray  
 Log.

 Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Council Grove	2973'	KB
Penn Shale	3579'	KB
Heebner	4312'	KB
Stark	4844'	KB
Oswego	4875'	KB
Cherokee	5091'	KB
Mississippi	5200'	KB

## 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 Casing	12 1/4"	8 5/8"	24# J55	676'	Lite&ClassA	300	3% CACL

## 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

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Dry Hole Other (Explain)

Estimated Production Per 24 Hours	Oil <u>0</u> Bbls.	Gas <u>0</u> Mcf	Water <u>0</u> Bbls.	Gas-Oil Ratio	Gravity

 Disposition of Gas: METHOD OF COMPLETION Production Interval  
 Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  
 (If vented, submit ACO-18.)  Other (Specify) Plugged & Abandoned



# MAP EXPLORATION, INC.

MICHAEL ANTHONY POLLOK, PRES.

P.O. Box 106 ■ PURCELL, OKLAHOMA 73080  
OFFICE 405/527-6038 ■ HOME 405/527-5200 ■ MOBILE 405/650-0793 ■ FAX 405/527-7629

## ORIGINAL

### GEOLOGICAL REPORT

### SW BUCKLIN PROSPECT

### McCAUSTLAND 1-24

24 - T29S - R22W

FORD, KANSAS

### SUMMARY

The captioned well was drilled to a total depth of 5,500 feet on October 24, 1999. A one-man mud-logging unit was on location from 2,500 feet to TD. The undersigned was on location from approximately 3,000 feet to TD. A drill stem test was run at the top of the Mississippian, with a suite of Baker Atlas logs consisting of Dual Induction Shallow Focused, Compensated Density-Neutron and Mini-Resistivity (Micro-log) being run at TD.

The McCaustland 1-24 was an exploratory test for the sub-crop of the Mississippian St. Louis Dolomite. Shows were recorded in the Oswego Limestone, Pennsylvanian Conglomerate, Mississippian Solid and through the Mississippian St. Louis Dolomite interval. The drill stem test produced a small amount of gas at non-economic rates. After all data acquired had been analyzed, the decision was made to plug and abandon the McCaustland 1-24 as a dry hole.

### GEOLOGY

The Oswego Limestone was topped at 5,022 (-2591) feet. Samples were described as cream to buff, very fine to fine crystalline slightly sucrosic limestone, with a trace of intercrystalline porosity observed. A dull yellow fluorescence was observed along with a forty-unit gas increase from the gas chromatograph. No visible stain, cut or odor was recorded. Electric logs indicate this zone to be "ratty" and non-productive.

A conglomerate zone was encountered at 5,184 (-2753) feet. Samples consisted of off-white, clear sandstone, slightly angular to slightly rounded and consolidated. Dolomite was observed that was light tan, sucrosic and very fine crystalline. Milky chert was also seen in samples. A scattered bright greenish yellow fluorescence

RECEIVED  
STATE CORPORATION COMMISSION

JAN 27 2000

CONSERVATION DIVISION  
Topeka, Kansas

was seen along with a fair streaming cut and trace of live oil staining, through a four-foot interval that produced a 140-unit gas kick from the gas chromatograph. Electric logs indicate a four-foot interval of 19% cross-plot porosity with seven ohms of resistivity and approximately one foot of positive micro-log separation. This interval was further evaluated and included with the drill stem test.

The top of the Mississippian was at 5,200 (-2769) feet. It was described as off-white to white, very fine to microcrystalline limestone that was slightly mottled and chalky. A 160-unit gas kick was recorded through this interval. Electric logs indicate this zone to be "tight".

The top of the St. Louis Dolomite interval was at 5,224 (-2793) feet. Three porosity packages developed through a thirty foot gross interval. These three zones each averaged four foot thick with porosity being 26, 34, and 18% respectively. Resistivities were 1.5 .5 and 1.2 ohms. Samples were described as cream buff to tan very fine to fine crystalline dolomite, with a trace if intercrystalline, pinpoint and vugular porosity being observed. A good bright yellow fluorescence, with good streaming cut, fair odor and light brown live oil staining was recorded through this interval. The gas chromatograph recorded 100, 90, and 182 unit gas kicks through these three zones. A drill stem test was run to further evaluate this zone as well as the Mississippian solid and Conglomerate zone. The test was run from 5,202 - 5,267 feet with results as follows:

Gas to surface on final flow at maximum rate of 5.2 MCFGPD

Flowing pressures: 36-44/27-47

Shut-in pressures: 1062/1523

Recovery: 120' of gas cut watery mud (chlorides 10,000 PPM)

(Discussion with tester indicated water came from rig crew washing down drill pipe)

## ELECTRIC LOG TOPS

	CORONADO MCCAUSTINE 24-T29S-R22W E/2 W/2 NW/4	FALCON MCCOLM 18-T29S-R21W SE SE NW	MURFIN VANATTA 22-T29S-R22W SE NE
Stone Corral (subsea)	1,360 (+1071)	1,323 (+1077)	1,413 (+1042)
Chase Group (subsea)	2,690 (-259)	2,670 (-270)	2,740 (-285)
Top Penn. (subsea)	3,630 (-1199)	3,620 (-1220)	3,688 (-1233)

RECEIVED  
STATE CORPORATION COMMISSION

JAN 27 2000

CONSERVATION DIVISION  
of Kansas

ORIGINAL

Base Heebner (subsea)	4,314 (-1883)	4,298 (-1898)	4,366 (-1911)
Lansing (subsea)	4,472 (-2041)	4,460 (-2060)	4,522 (-2067)
Stark Sh. (subsea)	4,810 (-2379)	4,794 (-2394)	4,865 (-2410)
Cherokee (subsea)	5,070 (-2639)	5,048 (-2648)	5,120 (-2665)
Mississippian (subsea)	5,200 (-2769)	5,174 (-2774)	5,252 (-2797)
St. Louis Dol. (subsea)	5,224 (-2793)	eroded	5,320 (-2865)

#### CONCLUSION

The McCaustland 1-24 was drilled as an exploratory test for the Mississippian St. Louis Dolomite truncation trap. A small amount of gas was recovered from the drill stem test, and shut-in pressures were increasing. The test illustrated that the zone had low permeability. After all data was gathered and analyzed, the decision was made to plug the McCaustland 1-24 as a dry hole.

Respectfully submitted,



Mike Pollok  
11/17/99

RECEIVED  
STATE CORPORATION COMMISSION

JAN 27 2000

CONSERVATION DIVISION  
Wichita, Kansas

Date: 10-5-99 District: Medicine Lake Ticket No. 2737  
 Company: Richard Stephenson Rig: Allen Dalg.  
 Lease: McCaust land Well No. 1  
 County: Perm State: KS  
 Location: Bucklin Ks. 4 s. Field: 24-28-22 W  
3w, 24, 2/into

CEMENT DATA  
 Slurrier Type: 5 bbls freshwater  
 Amt: \_\_\_\_\_ Skys Yield: \_\_\_\_\_ H<sup>2</sup>/sk Density: \_\_\_\_\_ PPG

CASING DATA: PTA  Squeeze   
 Surface: W Intermediate  Production  Liner   
 Size: 8 7/8 Type: \_\_\_\_\_ Weight: 24 Collar: \_\_\_\_\_

LEAD Pump Time \_\_\_\_\_ hrs Type \_\_\_\_\_  
5:35:6+3 1/2 cc + 1/4 fl. seal Excess \_\_\_\_\_  
 Amt: 200 Skys Yield: 1.97 H<sup>2</sup>/sk Density: 12.5 PPG  
 TAIL Pump Time \_\_\_\_\_ hrs Type \_\_\_\_\_  
CLASS A + 3 1/2 cc + 2% gel Excess \_\_\_\_\_  
 Amt: 100 Skys Yield: 1.54 H<sup>2</sup>/sk Density: 15.2 PPG  
 WATER Lead: 10.9 gals/sk Tail: 6.51 gals/sk Total: 67 H<sup>2</sup>/sk

Casing Depths: Top KB Bottom 680

Pump Trucks Used: 357 Stone W.  
 Bulk Equip.: 240-251 JD

Drill Pipe: Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_  
 Open Hole: Size \_\_\_\_\_ I.D. \_\_\_\_\_ ft. P.B. to \_\_\_\_\_ ft.  
 CAPACITY FACTORS:  
 Casing: Bbls/Lin ft. .0637 Lin ft./Bbl 15.70  
 Open Holes: Bbls/Lin ft. \_\_\_\_\_ Lin ft./Bbl \_\_\_\_\_  
 Drill Pipe: Bbls/Lin ft. \_\_\_\_\_ Lin ft./Bbl \_\_\_\_\_  
 Annulus: Bbls/Lin ft. .0235 Lin ft./Bbl 13.60  
 Bbls/Lin ft. \_\_\_\_\_ Lin ft./Bbl \_\_\_\_\_  
 Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt \_\_\_\_\_

Float Equip. Manufacturer: Gemase  
 Shoe Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Float Type: Raffle plate Depth: 634.86  
 Centralizers: Quantity 2 Plugs Top: Rubber Bit \_\_\_\_\_  
 Stage Collars \_\_\_\_\_  
 Special Equip \_\_\_\_\_  
 Disp. Fluid Type: Freshwater Amt: 40 1/2 H<sup>2</sup>/sk Weight: 8.34 PPG  
 Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG

COMPANY REPRESENTATIVE \_\_\_\_\_ CEMENTER \_\_\_\_\_

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	ANNULUS	DRILL PIPE CASING	TOTAL FLUID	Pumped For Time Period	RATE (Bbls/Mn)	
9:45 -						on location
2:55 AM			5	5	5 1/2	Pipe on bottom, break circulation.
			75	70	7	Pump 5 bbls freshwater
			98	23	7	Mix + pump 200 sk 5:3:6+3 1/2 cc + 1/4 fl. seal
						Mix + pump 100 sk A 3+2
						Cement in stop pumps,
						switch valves & Release plug.
					3	start displacement
					4 1/2	Steady Rate
			136	38	3	slow rate
			138 1/2	2 1/2	-	Displacement in.
3:30 AM						Bump plug + stop pumps.
						shut in casing.

RECEIVED  
 STATE CORPORATION COMMISSION  
 NOV 16 1999  
 CONSERVATION DIVISION  
 Wichita, Kansas

# ALLIED CEMENTING CO., INC.

2737

Federal Tax I.D.#

## ORIGINAL

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

SERVICE POINT:

Medicine Lodge

DATE <u>10-15-99</u>	SEC <u>24</u>	TWP <u>29S</u>	RANGE <u>22W</u>	CALLED OUT <u>7:00 pm</u>	ON LOCATION <u>9:45 pm</u>	JOB START <u>2:55 Am</u>	JOB FINISH <u>3:30 Am</u>
LEASE <u>Castland</u>	WELL # <u>1</u>	LOCATION <u>Bucklin Ks. 4S, 3W,</u>			COUNTY <u>Ford</u>	STATE <u>Ks.</u>	
OLD OR NEW (Circle one)		<u>1/2 N, E/into</u>					

CONTRACTOR Allen Drilling

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 680'

CASING SIZE 8 7/8 x 24 DEPTH 680

TUBING SIZE Used DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 600 MINIMUM 200

MEAS. LINE SHOE JOINT 45.14

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT 40 1/2 Bbls Freshwater

OWNER CRAWLEY Petroleum

CEMENT AMOUNT ORDERED

200 sx 65:35:6+3%cc + 1/4 Flo-seal

100 sx CLASS A + 3%cc + 2% gel

COMMON A	<u>100</u>	@	<u>6.35</u>	<u>635.00</u>
POZMIX		@		
GEL	<u>2</u>	@	<u>9.50</u>	<u>19.00</u>
CHLORIDE	<u>10</u>	@	<u>28.00</u>	<u>280.00</u>
<u>AWW</u>	<u>200</u>	@	<u>6.00</u>	<u>1200.00</u>
<u>FIN-SEAL</u>	<u>50#</u>	@	<u>1.15</u>	<u>57.50</u>
		@		
		@		
		@		
HANDLING	<u>300</u>	@	<u>1.05</u>	<u>315.00</u>
MILEAGE	<u>300 x 60</u>	@	<u>.04</u>	<u>120.00</u>

### EQUIPMENT

PUMP TRUCK CEMENTER CARL Balding

# 352 HELPER Stane Winsor

BULK TRUCK

# 240-250 DRIVER J D

BULK TRUCK

# DRIVER

TOTAL \$ 3226.50

### REMARKS:

Pipe on bottom, Break Circulation.

Plump 5 Bbls Freshwater

Mix + pump 200 sx 65:35:6+3%cc + 1/4 flo-seal

Mix + pump 100 sx CLASS A + 3%cc + 2% gel.

Cement in stop pumps + switch valves.

Displace with 40 1/2 bbls Freshwater.

Bump plug + shut in, cement did circulate!

### SERVICE

DEPTH OF JOB 680'

PUMP TRUCK CHARGE 0-300' 470.00

EXTRA FOOTAGE 380' @ .43 163.40

MILEAGE 60 @ 2.85 171.00

PLUG Rubber 8518" @ 90.00 90.00

TOTAL \$ 994.40

CHARGE TO: ALLEN DRILLING COMPANY

STREET P.O. Box 1389

CITY GREAT BEND STATE KANSAS ZIP 67530

### FLOAT EQUIPMENT

1- Baffle plate	@	<u>45.00</u>	<u>45.00</u>
2- Centralizers	@	<u>30.00</u>	<u>60.00</u>
	@		
	@		

TOTAL \$ 105.00

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.

TAX

TOTAL CHARGE \$ 4225.90

DISCOUNT 845.18 IF PAID IN 30 DAYS

Net \$ 3380.72

Richard Stevenson

PRINTED NAME

SIGNATURE Richard Stevenson

RECEIVED  
STATE CORPORATION COMMISSION

NOV 01 0 1999

CONSERVATION DIVISION  
Wichita, Kansas