

Permit #: 20032

Date Issued: 8-31-87

County: Atkinson

Date Cancelled:

CONFIDENTIAL UNTIL:

Date Plugged:

COMMENTS:

OGC FORMS	Date Received
1	
2	
3	8-31-87
3i	
4	8-31-87
4i	
5	12-31-87
6	
7	
8	
11	
12	
Misc. Form 2	

	TYPE	ID #	Date Received
Logs	M&S		5-19-89
	E-109		11-5-87
Samples	chip		
	core		
Analyses	water		
	core		

Additional Submitted Data:
 Formation Testing Service Report

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

APPLICATION TO DRILL DEEPEN PLUG BACK
 for an oil well or gas well

NAME OF COMPANY OR OPERATOR Coastal Oil & Gas Corporation DATE 8/31/87
P. O. Box 749 Denver Colorado 80201-0749
 Address City State

DESCRIPTION OF WELL AND LEASE

Name of lease <u>Wilber Schooler</u>	Well number <u>1</u>	Elevation (ground) <u>875.5'</u>
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WELL LOCATION (give footage from section lines)
600 ft from (N) (~~S~~) sec line 500 ft from (E) (~~W~~) sec line

WELL LOCATION Section 16 Township 63N Range 40W County Atchison

Nearest distance from proposed location to property or lease line 500 feet
 Distance from proposed location to nearest drilling completed or applied for well on the same lease 1400 feet

Proposed depth <u>3300'</u>	Drilling contractor, name & address <u>Contract Not Let</u>	Rotary or Cable Tools <u>Rotary</u>	Approx. date work will start <u>September 5, 1987</u>
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Number of acres in lease <u>1308.25</u>	Number of wells on lease, including this well, completed in or drilling to this reservoir. <u>1</u>
	Number of abandoned wells on lease <u>None</u>

If lease, purchased with one or more wells drilled, from whom purchased Name Not Applicable No. of Wells producing
 Address injection
 inactive
 abandoned

Status of Bond
 Single Well Amt Blanket Bond Amt \$40,000.00 ON FILE ATTACHED

Remarks: (If this is an application to deepen or plug back, briefly describe work to be done. If producing zone and expected new producing zone) use back of form if needed.
Proposes to drill a 3300' Ordovician Simpson Test
All potential productive zones will be evaluated.

RECEIVED
 AUG 31 1987

Proposed casing program				Approved casing - To be filled in by State Geologist			
amt	size	wt /ft	cem	amt	size	wt /ft	cem
<u>300'</u>	<u>8-5/8"</u>	<u>24.0#</u>	<u>250 SX</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<u>3300'</u>	<u>5-1/2"</u>	<u>15.5#</u>	<u>150 SX</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

I, the undersigned, state that I am the Authorized Agent of the Coastal Oil & Gas Corp (company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.
 Signature Dale Heitzman
 Date Heitzman

Permit Number 20032 Drillers log required Drill stem test info. required if run
 Approval Date 8/31/87 E-logs required if run Samples required
 Approved By Jane Holby Williams Core analysis required if run Samples not required

Note: This Permit not transferable to any other person or to any other location.
 Permit two copies to: Missouri Oil and Gas Council
 P.O. Box 200 Rolla, Mo. 65401
 One will be returned for driller's signature

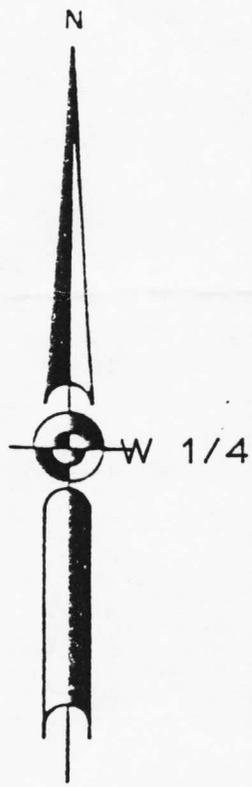
WATER SAMPLES REQUIRED

Approval of this permit by the Oil and Gas Council does not constitute endorsement of the geologic merits of the proposed well nor endorsement of the qualifications of the permittee.

Owner: Coastal Oil & Gas Corp.

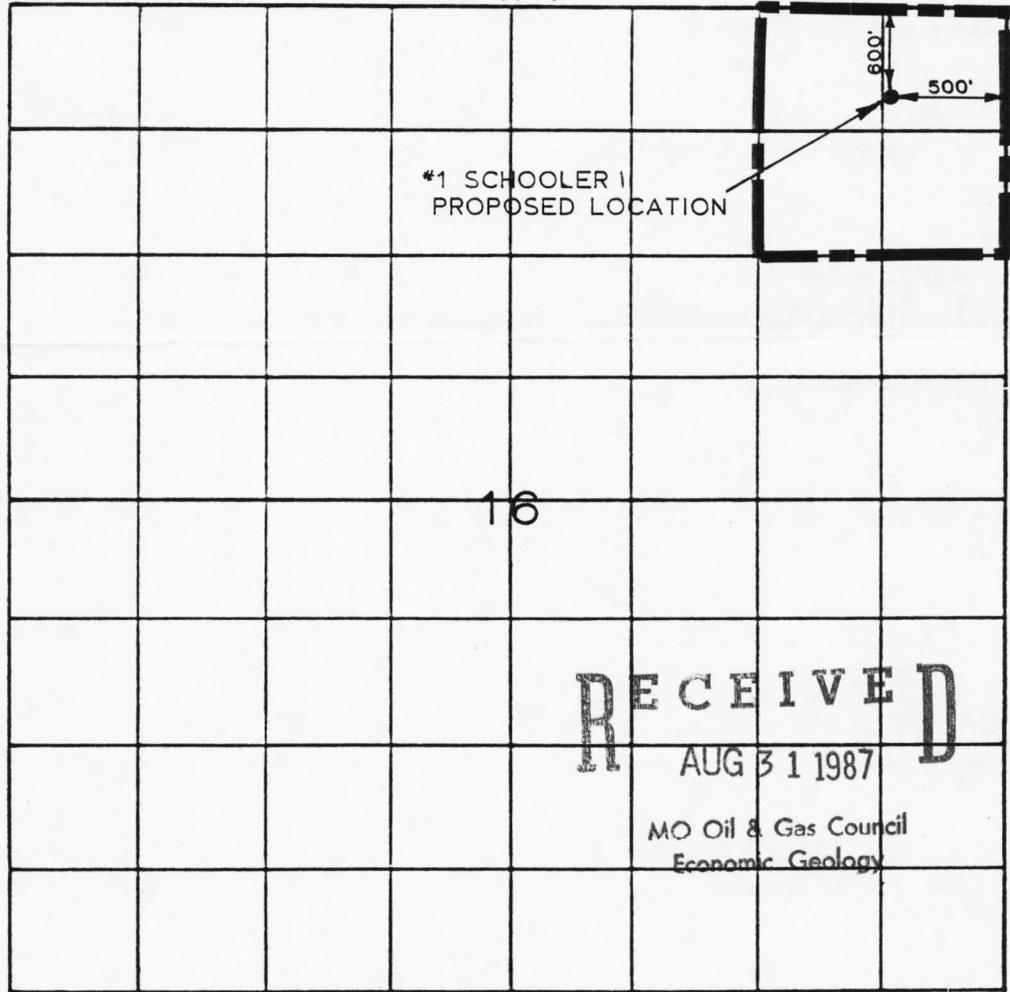
Lease Name. Wilbur Schooler County: Atchison

600 feet from N section line and 500 feet from E section line of Sec. 16, Twp. 63 N., Range 40
(N)-(S) (E)-(W)



SCALE
1" =

--- = LEASE LINE



S 1/4

REMARKS: Ground elevation at the proposed well site shown is 875.5'
(Referenced to USGS Vertical Datum)

INSTRUCTIONS

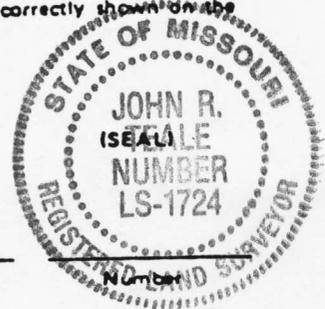
On the above plat, show distance of the proposed well from the two nearest section lines, the nearest lease line, and from the nearest well on the same lease completed in or drilling to the same reservoir. Do not confuse survey lines with lease lines. See rule 10 CSR 50-2.030 for survey requirements. Lease lines must be marked.

This is to Certify that I have executed a survey to accurately locate oil and gas wells in accordance with 10 CSR 50-2.030 and that the results are correctly shown on the above plat.

Remit two copies to: **Missouri Oil and Gas Council**
P.O. Box 250, Rolla, MO 65401
One will be returned.



Registered Land Surveyor





MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL
WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

Form OGC-5

NEW WELL WORKOVER DEEPEN PLUG BACK INJECTION SAME RESERVOIR DIFFERENT RESERVOIR OIL GAS DRY

OWNER Coastal Oil & Gas Corporation		ADDRESS P.O. Box 749, Denver, Colorado 80201-0749			
LEASE NAME JV Schooler		WELL NUMBER #1			
LOCATION 600' FNL & 500' FEL			SEC. TWP. AND RANGE OR BLOCK AND SURVEY Sec. 16-T63N-R40W (NE,NE)		
COUNTY Atchison	PERMIT NUMBER (OGC-3 OR OGC-3I) 20032				
DATE SPUDDED 10-21-87	DATE TOTAL DEPTH REACHED 10-30-87	DATE COMPLETED READY TO PRODUCE OR INJECT 11-10-87	ELEVATION (DF, RKR, RT, OR Gr.) FEET 875.5 Ground	ELEVATION OF CASING HD. FLANGE FEET	
TOTAL DEPTH 3175'	PLUG BACK TOTAL DEPTH 3131'				
PRODUCING OR INJECTION INTERVAL(S) FOR THIS COMPLETION VIOLA		ROTARY TOOLS USED (INTERVAL) 0 TO TD		CABLE TOOLS USED (INTERVAL) NONE	
DRILLING FLUID USED	WAS THIS WELL DIRECTIONALLY DRILLED? NO		WAS DIRECTIONAL SURVEY MADE? NO		DATE FILED
TYPE OF ELECTRICAL OR OTHER LOGS RUN (LIST LOGS FILED WITH THE STATE GEOLOGIST) CBL/CCL/GR DST		WAS COPY OF DIRECTIONAL SURVEY FILED?		DATE FILED	

CASING RECORD

CASING (REPORT ALL STRINGS SET IN WELL - CONDUCTOR, SURFACE, INTERMEDIATE, PRODUCING, ETC.)

PURPOSE	SIZE HOLE DRILLED	SIZE CASING SET	WEIGHT (LB. FT)	DEPTH SET	SACKS CEMENT	AMOUNT PULLED
Surface	12 1/4"	8 5/8"	24#	326'	265	
Production	7 7/8"	5 1/2"	17#	3175'	170	

TUBING RECORD

LINER RECORD

SIZE	DEPTH SET	PACKER SET AT	SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
2 7/8 IN.	2745 FEET	N/A FEET	INCH	N/A FEET	N/A FEET		FEET

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

NUMBER PER FEET	SIZE AND TYPE	DEPTH INTERVAL	AMOUNT AND KIND OF MATERIAL USED	DEPTH INTERVAL
4 JSPF	Jet Perforator	2796-2799'	500 gal. 7 1/2% HCL	2796-2799'

INITIAL PRODUCTION

DATE OF FIRST PRODUCTION OR INJECTION 11-14-87		PRODUCING METHOD (INDICATE IF FLOWING, GAS LIFT, OR PUMPING — IF PUMPING, SHOW SIZE AND TYPE OF PUMP.) Pumping					
DATE OF TEST 11-15-87	HOURS TESTED 24	CHOKE SIZE N/A	OIL PRODUCED DURING TEST 47 bbls.	GAS PRODUCED DURING TEST 0 MCF	WATER PRODUCED DURING TEST 0 bbls.	OIL GRAVITY API (CORR.)	
TUBING PRESSURE N/A	CASING PRESSURE N/A	CAL'ED RATE OF PRODUCTION PER 24 HOURS		OIL 47 bbls.	GAS 0 MCF	WATER 0 bbls.	GAS OIL RATIO 0

DISPOSITION OF GAS (STATE WHETHER VENTED, USED FOR FUEL OR SOLD)
N/A

METHOD OF DISPOSAL OF MUD PIT CONTENTS
Evaporation (will fill summer 1988)

CERTIFICATE: I, THE UNDERSIGNED, STATE THAT I AM THE Assoc. Regulatory Analyst OF THE Coastal Oil & Gas Corp. COMPANY, AND THAT I AM AUTHORIZED BY SAID COMPANY TO MAKE THIS REPORT, AND THAT THIS REPORT WAS PREPARED UNDER MY SUPERVISION AND DIRECTION AND THAT THE FACTS STATED THEREIN ARE TRUE, CORRECT AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DATE 12-21-87 SIGNATURE Glenda W. Swank

INSTRUCTIONS: ATTACH DRILLERS LOG OR OTHER ACCEPTABLE LOG OF WELL.

* SHOW ALL IMPORTANT ZONES OF POROSITY, DETAIL OF ALL CORES, AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES.

DETAIL OF FORMATIONS PENETRATED

K.B. 885'

FORMATION	TOP	BOTTOM	DESCRIPTION (SEE * ABOVE)
Douglas	442'		
Lansing	610'		
Base K.C.	942'		
Marmaton	1107'		
Cherokee	1354'		
Cherokee Ss	1636'		
Mississippian	1762'		
Kinderhook	1965'		
Hunton	2214'		
Maquoketa	2762'		
Viola	2796'		*DST #1 - 2788-2798' Core Viola 2786-2798' 2790-2802
Mdl. Viola	2887'		
Simpson	3066'		
St. Peter	3138'		
Arbuckle	NP		
Granite Wash	3152'		
T.D.	3178'		

RECEIVED
JAN 04 1988

MO Oil & Gas Council
Economic Geology

*Your office should have copies of all logs, tests, etc...run. If not, please let me know.

Temporary No. _____

5-19-89

MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES, ROLLA, MISSOURI

COUNTY Atchison
 COMPANY OR OWNER Coastal Oil & Gas Corporation
 FARM JV Schooler WELL NO. 1
 LOCATION 600 FNL 500 FEL SEC 16 T 63N R 40W
 CONTRACTOR/DRILLER _____
 COMMENCED _____ COMPLETED _____
 PRODUCTION _____
 CASING RECORD _____
 WATER RECORD _____
 SOURCE OF LOG _____
 REMARKS OGC# 20032

MGS LOG NO. _____

- + -	- + -	- + -	- + -
- + -	- + -	- + -	- + -
- + -	- + -	- + -	- + -
- + -	- + -	- + -	- + -

NO. SAMPLES _____ SAMPLES RECEIVED _____

ELEV. 875.5'
 TOTAL DEPTH 3175'
 SWL _____

FORMATION	FROM (ft)	TO (to)	FORMATION	FROM (ft)	TO (to)
Douglas	442				
Lansing	610				
Base K.C.	942				
Marmaton	1107				
Cherokee	1354				
Cherokee Ss	1636				
Mississippian	1762				
Kinderhook	1965				
Hunton	2214				
Maquoketa	2762				
Viola	2796		DST #1 - 2788-2798'		
			Core Viola 2786'-2798'		
Mdl. Viola	2887				
Simpson	3066				
St. Peter	3138				
Arbuckle	NP				
Granite Wash	3152				
T.D.	3178				

WEEKLY LOCATIONS

• **DUNKLIN - Wildcat Wells**
17N-8E

10, AMOCO PROD CO : SPENCE TRUST #1 WILDCAT
sw sw sw. 500 fsl 500 fwl **Obj:** 4000 test. **NL:** 11/24/87. **API#** 24-069-20001. **H#** 419648.
(4545 N. Lincoln. Ste. 116. Oklahoma City OK 73105 - 405/528-7641).

W

WEEKLY COMPLETIONS

• **PLATTE - Wildcat Wells**
52N-35W

20, FAIRWAY PETR INC : KISKER #1 WILDCAT
ne ne sw. 2140 fsl 3140 fel **EL:** 760 GR. **Obj:** 1900 test. **NL:** 09/22/87. **API#** 24-165-20080.
H# 418356. **Spud:** 10/12/87. **TD:** 1224. **[P&A]** on 10/14/87. (**Last Info:** 12/02/87) **Casing:** 7 1/2 @ 123
DJournal: 12/2/87 plugged & abandoned.

WD

DRILLING REPORTS

Wells which have been updated this week.

• **ATCHISON - Development Wells**
63N-40W

16, COASTAL O&G CORP : WILBER SCHOOLER #1 RUNAMUCK
ne ne ne. 600 fml 500 fel **EL:** 876 GR. **Obj:** 3300 (Simpson). **NL:** 09/03/87. **API#** 24-005-20032.
H# 418001. **Contr:** Rains & Williamson. **Spud:** 10/21/87. **TD:** 3175 on 11/01/87. (**Last Info:** 12/02/87) **Casing:** 8 5/8 @ 316 - 5 1/2 @
3175 w/170 **Mud:** 9.3# mud @ 2786 **Core:** #1 2786-2798 (Viola) cut & rec 12 ft. 6.2 ft: sh; 2.3 ft: dol. gd vuggy por. bledg oil. lrg oil filled
vugs; 2 ft: dol. dimished oil stn & por; 1.5 ft: dns dol. ti. n/s **DST:** #1 2788-2798 (Viola) op 30 op 120 si 180 (tool would not open until pkr
reset). IF immed fr blo to surf. FF flwg steady in 1.75 in wtr. Rec 760 ft free oil 60 ft OCM. HP 1276-1276 FP 21-64 85-254 SIP 1130-1130 BHT
160 F **Shows:** 2788-2798 (Viola) oil shw in Core #1 & DST #1 **Perfs:** 2796-2799 (Viola) w/4 JSPF - swb tstd .5 BO 19 BW - pump tstd 24
BOPD no wtr no gas - pump tstd 32 BOPD 15 BWPD
DJournal: 12/2/87 tstg Viola.

D