

ORIGINAL FEB 25 1991
02-25-91

CONSERVATION DIVISION SIDE ONE
Wichita, Kansas

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

Operator: License # 6593

Name: Coastal Oil & Gas Corp.

Address 211 N. Robinson, Suite #1700
One Leadership Square

City/State/Zip Oklahoma City, OK 73102

Purchaser: KOCH

Operator Contact Person: John D. Perry

Phone (405) 239-7031

Contractor: Name: Murfin Drilling Co.

License: 6033

Wellsite Geologist: Richard Orsak

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

If OWM: old well info as follows: N/A

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

12/31/90 01/11/91 02/19/91
Spud Date Date Reached TD Completion Date

API NO. 15- 199-20195-00-06 0 5 1002

County Wallace

E/2 E/2 SW/4 Sec. 25 Twp. 15S Rge. 42 East West

1320 Ft. North from Southeast Corner of Section

2980 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

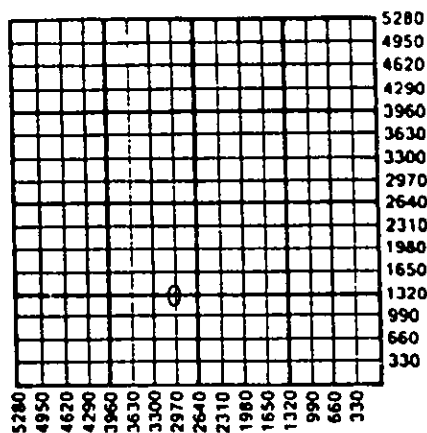
Lease Name Miller Well # 1-25

Field Name Wildcat

Producing Formation Mississippi

Elevation: Ground 3810 KB _____

Total Depth 5290' PBD 5246'



4-11-91

Amount of Surface Pipe Set and Cemented at 385 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1876 Feet

If Alternate II completion, cement circulated from 1876

feet depth to Surface w/ 600 sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 D. Perry
Title Drilling Superintendent Date 02/20/91

Subscribed and sworn to before me this 22nd day of February, 1991.

Notary Public Margaret M. Brown

Date Commission Expires 2-9-93

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

SIDE TWO

Operator Name Coastal Oil & Gas Corp Lease Name Miller Well # 1-25
 Sec. 25 Twp. 15S Rge. 42 East County Wallace
 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 Sheet...)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)

DIL, CNL, SONIC, FMS, LDT, ML

Name	Formation Description	
	Top	Bottom
Stone Corral		2780
Lansing	4116	
Atoka	4850	
Mrw Shale	4988	
Upper Mrw Sand	5004	
Mrw Ls	5084	
St. Gen.	5150	
Miss. Sand	5161	

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	385	CL "H"	250	2% CaCl
Production	7 7/8	5 1/2"	14	5289	CL "H"	325	3% KCl
				1876DV	HLW "H"	600	

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2 JSPF	5161'-5170'	Acidize w/500 gal FE Acid	5161-70'

TUBING RECORD Size 2 3/8 Set At _____ Packer At _____ Liner Run Yes No

Date of First Production 02/07/91 Producing Method Flowing Pumping Gas Lift Other (Explain)
 Estimated Production Per 24 Hours Oil 146 Bbls. Gas 78 Mcf Water 4 Bbls. Gas-Oil Ratio 534 Gravity 38.2

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
 METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled
 Other (Specify) _____

ORIGINAL

DRILLSTEM TEST REPORT

15-199-20195-00-00

Prospect Name: Carol

Well Name: Miller #1-25

DST No.1 Test Interval: 4984-5025

Formation Tested: Morrow Sand (Upper)

Initial Flow: 30 mins.

Initial Shut-in: 60 mins.

Final Flow: 60 mins.

Final Shut-in: 120 mis.

Recovery:

2840	Ft &	_____	Bbls	Heavily gas cut oil
_____	Ft &	_____	Bbls	_____
_____	Ft &	_____	Bbls	_____
_____	Ft &	_____	Bbls	_____

Flowing DST Data

Chlorides: Recoveries _____ ppm Rw _____ @ _____ °F
 pH _____ ppm

Sample Chamber: _____ cc volume Pressure _____ psi

Recovery: No data yet.

	Top	Pressures Middle	Bottom
Depth of Bomb	4962.5 ft		5021.5 ft
Initial Flow	185.4 to 600.7	_____ to _____	232.5 to 611.2
Initial Shut-in	1038.3 to _____	_____ to _____	1058.6 to _____
Final Flow	671.0 to 881.8	_____ to _____	696.6 to 912.7
Final Shut-in	1028.7 to _____	_____ to _____	1058.6 to _____
Initial Hydrostatic	2346.2 to _____	_____ to _____	2372.7 to _____
Final Hydrostatic	2346.2 to _____	_____ to _____	2372.7 to _____

Temperature 140 °F Surface Choke .38 inch Bottom Choke .75 inch

REMARKS: _____

RECEIVED
 STATE CORPORATION COMMISSION
 CONSERVATION DIVISION
 Wichita, Kansas

FEB 25 1991

RELEASED

MAR 05 1992

FROM CONFIDENTIAL

Blow off bottom of bucket in 10 seconds, blow increasing rapidly to strong blow.

Gas to surface when drill pipe vented to pit.

Turn flow out to pit with Merla Tester - final pressure 4.5 PSI on 3/8" orifice. Est. gas rate declined from 209 MCFD to 42MCFD.

15-199-20195-00-00 EXHIBIT 6
INTER-CORPORATE CORRESPONDENCE

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STATE CORPORATION COMMISSION

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FEB 25 1991

CONSERVATION DIVISION
Wichita, Kansas

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MAR 05 1992

FROM CONFIDENTIAL

DATE: February 21, 1991
TO: John Perry
FROM: Jack L. Elliott *JLE*
SUBJECT: Miller #1-25
Wallace County, Kansas

Listed below is information needed to complete the Application for New Pool Determination and Request for Discovery Allowable:

OFFSET OPERATORS

- 1). None

LESSEES OF RECORD

- 2). EP OPERATING COMPANY
Two Energy Square
4849 Greenville Avenue
Suite 1200
Dallas, Texas 75206
- 3). UNION OIL COMPANY OF CALIFORNIA
4005 Northwest Expressway
Suite 600E
Oklahoma City, Oklahoma 73116

UNLEASED MINERAL OWNERS

- 4). None

Should you have any questions regarding this information, please advise.

JLE:sh

ORIGINAL

ILLUSTRATED STATE CORPORATION COMMISSION RELEASED 15-199-20195-00-00
FEB 23 1991 MAR 03 1992 ACO-18 1-89
CONSERVATION DIVISION FROM CONFIDENTIAL
Wichita, Kansas

AFFIDAVIT FOR VENTING OR FLARING GAS PRODUCED IN CONJUNCTION WITH OIL

OPERATOR Coastal Oil & Gas Corp. **OPERATOR LICENSE NO.** 6593
ADDRESS One Leadership Square **OPERATOR PHONE NO.** (405) 239-7031
211 N. Robinson, Suite #1700
Oklahoma City, Oklahoma 73102
LEASE NAME Miller **WELL NO.** 1-25
QUARTER SW/4 **SEC.** 25 **TWP.** 15S **RGE.** 42W **COUNTY** Wallace

Complete the affidavit by providing as much data as possible. Contact appropriate KCC District Office to arrange for a state supervised test.

1. What is the BTU value of the gas to be vented? 1330 BTU/CU FT
2. What is the estimated volume of gas to be vented? 68
3. Date of state supervised test and results thereof. 02/19/91 See ACO-16
4. What is the name of and distance to the nearest pipeline?
 First closest K=N Energy, Inc. 1.75 miles - residential service line only.
 Second closest Nueces 12.5 miles - last 26 miles blocked off (shut-in)
 due to lack of volume.
5. Names of Pipelines contacted. Give names and positions of employees with whom you corresponded. (Send copies of any correspondence you had in regard to a pipeline connection.)
See Attachment "A" hereto.

6. How much gas is estimated to be in place? No free gas estimated in reservoir. Solution gas in place estimated @ 33897 MCF.

7. What would the price of the gas be if sold to the pipeline? \$1.05/MMBTU (02/91 spot market price)

8. Show or include a feasibility study comparing the possible value of the gas in relation to the cost of getting it to market.
.66,000' of pipeline x \$8.00/ft cost = \$528,000 Cost
Gas-in-place x 80% recovery factor less royalty and taxes x \$1.05/MMBTU x 1.33 MMBTU/MCF =
\$35,800 Net Revenue Net Present Worth (Before Federal Income Tax) <math>\leq \\$670,497.>

ORIGINAL

15-199-20195-00-00

RELEASED

MAR 0 5 1992

ATTACHMENT A
TO
AFFIDAVIT FOR VENTING OR FLARING GAS
PRODUCED IN CONJUNCTION WITH OIL

FROM CONFIDENTIAL

K-N Energy, Inc., Laurie Leyda, Market Research Analyst - (verbal communications via telephone). Gas would have to meet residential quality standards which it does not due to nitrogen content and, therefore, would be rejected by K-N Energy, Inc.

Nueces - Don Ryer, System Foreman - (verbal communications via telephone). Well would have to be capable of at least 200 MCFPD production to consider turning on last 26 mile leg of pipeline which terminates 12.5 miles from the Miller 1-25.

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Conservation Division
Wichita Kansas

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FEB 25 1991

J.M. BETH
FILE

15-199-20195-00-00

RELEASED

MAR 05 1992

Sample Number: 91-055

FROM CONFIDENTIAL

HOSCO OPERATING, INC.
NATURAL GAS ANALYSIS REPORT
316-624-5536

Operator: Coastal Oil & Gas Analysis Date: 02-11-91
Well Name: Miller 1-25 Sample Date: 02-12-91
Location: sec 25 twp 15 rge 42W Sample Pressure: 5 psig
County: Wallace
State: Kansas

Sample Source: 1800 hrs
Formation:

Requested By: Coastal Oil & Gas
Sampled By: Richard Dixon

XX
XX

NATURAL GAS ANALYSIS

NAME	MOLE %
HELIUM	0.62
HYDROGEN	0.00
OXYGEN	0.00
HEXANES +	0.81
NITROGEN	16.62
METHANE	47.19
CARBON DIOXIDE	0.83
ETHANE	12.89
PROPANE	13.67
ISOBUTANE	1.58
N-BUTANE	4.00
ISOPENTANE	0.79
N-PENTANE	1.00
TOTALS	100.00

Specific Gravity: 0.9641

BTU/cu.ft. (saturated, 60 F. 14.73 psia): 1330.1

XX

MILLER 1-25
 SECTION 25-15S-42W
 WALLACE COUNTY, KANSAS
 CAROL PROSPECT

DATE: 02-22-91
 TIME: 03:17:16
 FILE: BETH2
 FILE: SETBASIC
 PROJ: 8

INPUT DATA

CALCULATED DATA

ITEM	SCHEDULING RATES						SCHEDULE UNTIL	PROCEDURE	ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
405 START	4/91												
425 GAS	7/91	3.4675	3.19	3.38	3.71	3.9925	M#/Y	17.740	6/96				
430 "	X 4.1	4.18	1.075	M#/Y				27.095	6/99				
585 PRI/GAS	1.40	X	\$/M	.00	LIFE		PE	4.00	6/99		1.400	1.857	
590 OPC/W	1500.00	X	\$/M	.00	LIFE		PE	4.50	6/99		1500.000	2051.250	
595 STX/OIL	4.33	X	%	.00	LIFE				6/99		.043	.043	
600 STX/GAS	7.00	X	%	.00	LIFE				6/99		.070	.070	
705 NET/WI	100.00	D	%	.00	LIFE				6/99		1.000	1.000	
715 NET/NIC	81.25	D	%	.00	LIFE				6/99		.813	.813	
725 NET/NIG	81.25	D	%	.00	LIFE				6/99		.813	.813	

INVESTMENT	TANGIBLES & INTANGIBLES		TIME	PROCEDURE	TOTAL T&I	MONTH	RISK INV.	TOT. T&I&R	ESC. T&I&R
801 INVEST	528.00	.00	M\$G	4/91 AD	528.000	4/91	.00	528.000	528.000

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MAR 0 5 1992

FROM CONFIDENTIAL

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 STATE CORPORATION COMMISSION

FEB 2 5 1991

CONSERVATION DIVISION
 Wichita Kansas

MILLER 1-25
SECTION 25-15S-42W
WALLACE COUNTY, KANSAS
CAROL PROSPECT

DATE: 02-22-91
TIME: 03:17:16
FILE: BETH2
FILE: SETBASIC
PROJ: 8

ORIGINAL

RESERVES AND ECONOMICS (B FIT)

AS OF DATE: 7/1/1991

-END- MO-YR	GROSS OIL PROD'TION MB	GROSS GAS PROD'TION MMCF	AVG NMI	NET OIL PROD'TION MB	NET GAS PROD'TION MMCF	-AVG OIL \$/BO	PRICES- GAS \$/MCF	REVENUE TO INTEREST M\$	NET SEV + WFPT M\$	NET ADV TAX M\$	AVG WI	NET OPER COST M\$	NET OPER INCOME M\$
12-91	.00	1.73	.812	.00	1.41	.00	1.426	2.01	.14	.00	1.000	13.70	-11.83
12-92	.00	3.33	.813	.00	2.70	.00	1.467	3.97	.28	.00	1.000	18.98	-15.29
12-93	.00	3.29	.813	.00	2.67	.00	1.524	4.07	.28	.00	1.000	19.79	-16.01
12-94	.00	3.55	.813	.00	2.88	.00	1.580	4.55	.32	.00	1.000	20.60	-16.37
12-95	.00	3.85	.812	.00	3.13	.00	1.636	5.12	.36	.00	1.000	21.41	-16.65
12-96	.00	4.05	.813	.00	3.29	.00	1.692	5.56	.39	.00	1.000	22.22	-17.05
12-97	.00	4.14	.813	.00	3.36	.00	1.748	5.88	.41	.00	1.000	23.03	-17.56
12-98	.00	2.63	.812	.00	2.13	.00	1.795	3.83	.27	.00	1.000	23.84	-20.27
12-99	.00	.54	.812	.00	.44	.00	1.846	.81	.06	.00	1.000	12.22	-11.47
12 0													
12 -1													
12 -2													
12 -3													
12 -4													
12 -5													
12 -6													
12 -7													
S TOT	.00	27.10	.813	.00	22.01	.00	1.626	35.80	2.51	.00	1.000	175.79	-142.50
AFTER	.00	.00	.000	.00	.00	.00	.000	.00	.00	.00	.000	.00	.00
TOTAL	.00	27.10	.813	.00	22.01	.00	1.626	35.80	2.51	.00	1.000	175.79	-142.50

	OIL	GAS		P.W. %	P.W., M\$
GROSS WELLS	.0	1.0	LIFE, YRS.	5.00	-651.621
GROSS ULT., MB & MMF	.000	27.095	DISCOUNT %	10.00	-638.877
GROSS CUM., MB & MMF	.000	.000	UNDISCOUNTED PAYOUT, YRS.	15.00	-630.666
GROSS RES., MB & MMF	.000	27.095	DISCOUNTED PAYOUT, YRS.	20.00	-625.837
NET RES., MB & MMF	.000	22.015	UNDISCOUNTED NET/INVEST.	25.00	-623.554
NET REVENUE, M\$	.000	35.796	DISCOUNTED NET/INVEST.	30.00	-623.207
INITIAL PRICE, \$	.000	.000	RATE-OF-RETURN, PCT.	50.00	-633.791
INITIAL N.I., PCT.	.000	.000	INITIAL W.I., PCT.	70.00	-654.437
				90.00	-679.850
				100.00	.000

INTEREST EVALUATED = TOTAL WITH REVERSION POINT, YRS = .000

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STATE CORPORATION COMMISSION

FEB 25 1991

CONSERVATION DIVISION
Wichita Kansas

MILLER 1-25
SECTION 25-15S-42W
WALLACE COUNTY, KANSAS
CAROL PROSPECT

DATE: 02-22-91
TIME: 03:17:16
FILE: BETH2
FILE: SETBASIC
PROJ: 8

ORIGINAL

AFTER TAX ECONOMICS

AS OF DATE: 7/1/1991

-END- MO-YR	NET OIL PRODUCTION ---MB---	NET GAS PRODUCTION ---MMCF---	NET OPER INCOME ---M\$---	NET INVEST. ---M\$---	DEPR. ---M\$---	DEPL. ---M\$---	INCOME TAX ---M\$---	N.O.I.- FIT & DDA ---M\$---	NET CASH FLOW ---M\$---	PW-CUM NET (BFIT) ---M\$---	CASH FLOW- (AFIT) ---M\$---
12-91	.00	1.41	-11.83	528.00	75.40	.00	-29.66	-57.57	-510.18	-559.89	-530.21
12-92	.00	2.70	-15.29	.00	129.31	.00	-49.16	-95.43	33.87	-573.08	-501.00
12-93	.00	2.67	-16.01	.00	92.35	.00	-36.84	-71.51	20.83	-584.97	-485.52
12-94	.00	2.88	-16.37	.00	65.95	.00	-27.99	-54.33	11.62	-595.44	-478.08
12-95	.00	3.13	-16.65	.00	47.15	.00	-21.69	-42.11	5.04	-604.62	-475.30
12-96	.00	3.29	-17.05	.00	47.15	.00	-21.83	-42.37	4.78	-612.72	-473.03
12-97	.00	3.36	-17.56	.00	47.15	.00	-22.00	-42.71	4.44	-619.90	-471.21
12-98	.00	2.13	-20.27	.00	23.55	.00	-14.90	-28.92	-5.37	-627.05	-473.11
12-99	.00	.44	-11.47	.00	.00	.00	-3.90	-7.57	-7.57	-630.67	-475.49
12 0											
12 -1											
12 -2											
12 -3											
12 -4											
12 -5											
12 -6											
12 -7											
S TOT	.00	22.01	-142.50	528.00	528.00	.00	-227.97	-442.53	-442.53	-630.67	-475.49
AFTER	.00	.00	.00	.00	.00	.00	.00	.00	.00	-630.67	-475.49
TOTAL	.00	22.01	-142.50	528.00	528.00	.00	-227.97	-442.53	-442.53	-630.67	-475.49

	GROSS	W.I.	NET		BFIT	AFIT	P.W. %	BFIT P.W.	AFIT P.W.
	-----	-----	-----		-----	-----	-----	M\$-----	M\$-----
INITIAL INTEREST	1.00000	.00000	.00000	RATE OF RETURN, PCT.	.0	.0	5.00	-651.621	-453.494
OIL RESERVES, MB	.000	.000	.000	UNDISC. PAYOUT, YRS.	8.0	8.0	10.00	-638.877	-464.539
GAS RESERVES, MMF	27.095	27.095	22.015	DISC. PAYOUT, YRS.	8.0	8.0	15.00	-630.666	-475.494
NGL RESERVES, MB	.000	.000	.000	UNDISC. NET/INVESTMENT	-.3	.2	20.00	-625.837	-486.266
SGS RESERVES, MMF	.000	.000	.000	DISC. NET/INVESTMENT	-.2	.1	25.00	-623.554	-496.813
REVENUE, M\$	44.056	44.056	33.290				30.00	-623.207	-507.123
OPER. EXPENSE, M\$	175.787	175.787	175.787				40.00	-626.647	-527.056
TANGIBLES, M\$	528.000	528.000	528.000	DISCOUNT %	15.00		50.00	-633.791	-546.196
INTANGIBLES, M\$	.000	.000	.000	LIFE, YRS.	8.5		70.00	-654.437	-582.759
INITIAL OIL PRICE	.000			GROSS OIL WELLS	.0		90.00	-679.850	-617.966
INITIAL GAS PRICE	.000			GROSS GAS WELLS	1.0		100.00	.000	.000
INTEREST EVALUATED = TOTAL				WITH REVERSION POINT, YRS =	.000				

RECEIVED
STATE CORPORATION COMMISSION

FEB 25 1991

COMPTROLLER
Wichita Kansas

MILLER 1-25
SECTION 25-15S-42W
WALLACE COUNTY, KANSAS
CAROL PROSPECT

DATE: 02-22-91
TIME: 03:17:16
FILE: BETH2
FILE: SETBASIC
PROJ: 8

ECONOMIC INDICATORS

AS OF DATE: 7/1/1991

ORIGINAL

B.F.I.T. WORTH M\$-----	A.F.I.T. WORTH M\$-----	A.F.I.T. BONUS M\$-----
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PRESENT WORTH PROFILE AND
RATE-OF-RETURN VS. BONUS TABLE

0.	-670.497	-442.528	-670.497
5.	-651.621	-453.494	-632.151
10.	-638.877	-464.539	-609.524
15.	-630.666	-475.494	-596.351
20.	-625.837	-486.266	-589.215
25.	-623.554	-496.813	-586.111
30.	-623.207	-507.123	-585.791
40.	-626.647	-527.056	-590.532
50.	-633.791	-546.196	-599.626
60.	-643.311	-564.711	-611.215
70.	-654.437	-582.759	-624.335
80.	-666.711	-600.475	-638.454
90.	-679.850	-617.966	-653.271
100.	-693.673	-635.317	-668.611

RATE OF RETURN, PCT.	.0	.0
UNDISCOUNTED PAYOUT, YRS.	8.00	8.00
DISCOUNTED PAYOUT, YRS.	8.00	8.00
UNDISCOUNTED NET/INVEST.	-.27	.16
DISCOUNTED NET/INVEST.	-.15	.13

NOTES

RECEIVED
STATE COMMISSION COMMISSION
FEB 25 1991
CONSERVATION DIVISION
Wichita, Kansas

DISTRICT Liberal KS

DATE 1-13-91

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: COASTAL OIL & GAS (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 1-25 LEASE MILLER SEC 25 TWP. 15S RANGE 42E
FIELD W.C COUNTY WALLACE STATE KS OWNED BY SANIT

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

Table with columns: FORMATION NAME, TYPE, THICKNESS, FROM, TO, PACKER, TYPE, SET AT, TOTAL DEPTH, MUD WEIGHT, BORE HOLE, INITIAL PROD, PRESENT PROD, OIL BPD, H2O BPD, GAS BPD, MCF. Includes rows for CASING, LINER, TUBING, OPEN HOLE, and PERFORATIONS.

PREVIOUS TREATMENT: DATE TYPE MATERIALS

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED

Handwritten notes: Coastal Oil & Gas, DU C (18767-), STATE CONTRACTORS COMMISSION, FEB 25 1991

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED. In payment of the... The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section (b) and Section (c) below shall apply to claims or liability even if caused or contributed to by Halliburton's negligence... (b) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the effectiveness of the products, supplies or materials...

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT. SIGNED [Signature] CUSTOMER. DATE 1-13-91. TIME 8:00 A.M. P.M.

JOB LOG

WELL NO. 1-25 LEASE MILLE N TICKET NO. _____
 CU WEL COASTAL OIL CO PAGE NO. _____
 JOB TYPE 5 1/2 P.V DATE 1-17-91

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (200L)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								25 115, 4" ORIGINAL
								WALL ACE KS
								2592 P.C.P.
	4:00							REG ON LOC
	4:20							ON LOC
								STATE OF WISCONSIN COMMISSION
								FEB 25 1991
	8:00							Howco Run FF
	11:50							Howco Hook up to CIP
	13:00							" " " CIP
	13:05	4	20					500 START H2O
		6	-					500 START CIP
		6	71					500 FINISH "
								WAS PUMPS & LINES
								DRIP PLUG
		4						200 START H2O DISP
		6	82					200 FINISH " "
		6						200 START 1st DISP
		6	40					300 FINISH " "
	12:50							1000 LAND PLUG
								FLOAT HOLD YES
	13:25							DRIP OPEN PLUG
	13:45							150 H2O OPEN
			5					100 HOLD CIP
	14:00							100 CIP
	15:45							Hook up to 3rd DISP CIP
		4						500 START CIP
		3	182					100 FINISH CIP
								DRIP PLUG
		3						0 START DISP
		3	45					250 FINISH "
	16:10							1250 CIP TO PV
								H2O HOLD YES
								LOST CIP #10K 120644
								H2O PUMP
								CIP TO PV TO SOLF AC



WORK ORDER CONTRACT AND PRE-TREATMENT DATA ORIGINAL

FORM 1008 R-7

A Division of Halliburton Company

ATTACH TO INVOICE & TICKET NO.

DISTRICT LIBERAL KS

DATE 1-1-91

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: COASTAL OIL & GAS (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 1-24 LEASE MILLER SEC. 25 TWP. 15S RANGE 42E

FIELD W.C. COUNTY WALLACE STATE KS OWNED BY _____

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME	TYPE	NEW USED	WEIG	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING		N	24	8 1/2	KB	385	
LINER							
TUBING							
OPEN HOLE				12 1/4	KB	385	SHOTS/FT.
PERFORATIONS							
PERFORATIONS							
PERFORATIONS							

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC FRACTURING HORSEPOWER ORDERED _____
Cut 8 1/2 SURFACE 250 SK SID 370 - C.C. G. 1000 HP FL.

APR 9 5 1991

Disp. 6/17/22 65L H2O

CONSERVATION DIVISION

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

- a) To pay Halliburton in accordance with the rates and terms stated in Halliburton's current price list. Invoices are payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable. If there is a default in payment, the amount becomes necessary to employ attorneys to enforce collection of said account. Customer agrees to pay all collection costs and attorney fees in the amount of 25% of the amount of the unpaid account.
- b) To defend and indemnify and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against all claims for liability, including attorney's fees and costs of defense to the extent permitted by law for:
 - 1) Personal injury or death, or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material.
 - 2) Reservoir, formation or well loss or damage, subsurface trespass or any action in the nature thereof.
 - 3) Personal injury or death, or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material.
 The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by Halliburton's negligence, strict liability, or the negligence or fault of any vessel owned, operated, or furnished by Halliburton or any defect in the data, products, supplies, materials, or equipment of Halliburton whether in the preparation, design, manufacture, distribution or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of Halliburton. The term "Halliburton" as used in said Sections b) and c) shall mean Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them.
- c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the effectiveness of the products, supplies or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and Customer shall indemnify Halliburton against any damages arising from the use of such information.
- d) That Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.
- e) That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
- f) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.
- g) That this contract shall be governed by the law of the state where services are performed or materials are furnished.
- h) That Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT

SIGNED [Signature] CUSTOMER

DATE 1-1-91

TIME 7:00 6 P.M.

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

RETAIN



JOB SUMMARY

HALLIBURTON DIVISION OK CITY
HALLIBURTON LOCATION LAIPAL

ORIGIN
BILLED ON TICKET NO.

FIELD W.C. SEC 25 TWP 15N RANG 42 COUNTY WALLACE STATE KS

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

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	N	8 1/2	KB	285	
LINER						
TUBING						
OPEN HOLE			12 1/4	KB	28'	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>1-1-91</u>	DATE <u>1-1-91</u>	DATE <u>1-1-91</u>	DATE <u>1-1-91</u>
TIME <u>2:30</u>	TIME <u>5:30</u>	TIME	TIME

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>B. POLITE</u>	<u>2192</u>	
<u>D. HICKS</u>	<u>1842</u>	
<u>G. A. SAGE</u>	<u>3741</u>	

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL-AP
DISPL. FLUID _____ DENSITY _____ LB/GAL-AP
PROP. TYPE _____ SIZE _____ LB
ACID TYPE _____ GAL _____ %
ACID TYPE _____ GAL _____ %
ACID TYPE _____ GAL _____ %
SURFACTANT TYPE _____ GAL _____ IN
NE AGENT TYPE _____ GAL _____ IN
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 _____ IN
PERFPAC BALLS TYPE _____ QTY. _____
OTHER _____

CONSERVATION DIVISION
Wichita, Kansas
DEPARTMENT C-1
DESCRIPTION OF JOB 25

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE X
HALLIBURTON OPERATOR _____ COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./BK.	MIXED LBS/GAL.
<u>1</u>	<u>20</u>	<u>SPC</u>			<u>22.00</u>	<u>112</u>	<u>104</u>

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____
BREAKDOWN _____ MAXIMUM _____
AVERAGE _____ FRACTURE GRADIENT _____
SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____
ORDERED _____ AVAILABLE _____ USED _____
AVERAGE RATES IN BPM _____
TREATING _____ DISPL. _____ OVERALL _____
CEMENT LEFT IN PIPE _____ FEET _____ REASON WALLACE

SUMMARY

PRELUSH: SBL-GAL _____
LOAD & BKDN: SBL-GAL _____ PAD: SBL-GAL _____
TREATMENT: SBL-GAL _____ DISPL: SBL-GAL 22
CEMENT SLURRY: SBL-GAL 52.5
TOTAL VOLUME: SBL-GAL _____

REMARKS

CUSTOMER _____ LEASE WALLACE WELL NO. 25 JOB TYPE 25 DATE 1-1-91

HALLIBURTON SERVICES
JOB LOG

WELL NO. 1-21 LEASE MILLEN TICKET NO. _____
 CUSTOMER CONSOLE OIL CO. PAGE NO. _____
 JOB TYPE FE SURFACE DATE 1-1-91

FORM 2013R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								25, 135, 412 WALLACE KE
	4:30							REG ON LOC ON LOC BIG PUBL D.P.
	7:30							Howco Run F.F.
	8:00							Howco Hook up to CIP
	8:30							Hook up TO CIP
		6				750		START CIP
		6	52			600		FINISH "
		5				0		RELEASE PLUG
		2				250		START DISP
								FINISH "
	9:00							BUMP BAFFLE
								CLOSE EN HERE
								CIP CIP (YES)

RECEIVED
STATE COMMISSION

FEB 25 1991

CONSERVATION DIVISION
Wichita, Kansas



Coastal Oil & Gas Corporation

The Energy People

12 March, 1991

RECEIVED
STATE CORPORATION COMMISSION

State of Kansas
State Corporation Commission
Conservation Division
200 Colorado Derby Building
Wichita, Kansas 67202

MAR 13 1991

CONSERVATION DIVISION
Wichita, Kansas

Attn: Dennis Anderson

RE: Miller #1-25
Sec. 25-T15S-R42W
Wallace Co., Kansas
API #15-199-20,195

Dear Mr. Anderson:

I have received your letter of March 5, 1991 concerning a loss of returns during the second stage cement job on the subject well.

The Halliburton Job Log states that circulation was lost after 135 BBLs of Halliburton Lite Cement was pumped. Further comments indicate that cement was to surface.

Conversations with field personnel on the job revealed that the loss of returns was momentary and that returns resumed until the job was complete after pumping 183 BBLs of slurry (500 sx HLW & 100 sx Class "H"). This correlates with the fact that cement was circulated to the surface.

I hope that this further clarification of the Halliburton Job Summary will alleviate any doubts that an effective primary was performed to protect fresh water sands. If you have any further questions, please call me at (405) 270-5972.

Sincerely,

John D. Perry
District Operations Superintendent

JDP:grw
Attachments