

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name SAUNDERS "A" Well # 1

Sec. 35 Twp. 32S 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 (Attach Additional Sheets.) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run (Submit Copy.) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No List All E.Logs Run:	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample Name Top Datum SEE ATTACHED DRILL STIM TESTS SHEET
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** Original Completion CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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"	24.0	2437		850	
** PRODUCTION	7-7/8"	4-1/2"	10.0	4425		250	

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	Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
	CIBP 4650	ACID: W/ 4000 GAL 15% HCL	4484-4510
4	PERF: 4484-4510		

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8	4447	4447	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	0	0		

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval: 4484-4510

DRILL STEM TESTS

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>FBHP</u>	<u>SIBHP</u>	<u>RECOVERY</u>
TORONTO	4310	4340	249#-804#	1320#-1242#	GTS in 10 min. Est. 50 MCF Rec. 140' MSW & 1530' salt water.
LANSING	4416	4430	15#-53#	1018#/30 min.	T.O. 1-1/2 hrs. Rec. 2' mud, 90' muddy oily salt water.
MARMATON	5045	5075	102#-141#	1653#-1605#	GTS - 5 min. 197MCF. Rec. 10' mud, 320' SWCM, 400' hgcmw.
MARMATON	5091	5130	590#-1077#	1603#/30 min.	GTS - 20 min. Gauged 47 MCF. Rec. 1470' free oil, 810' ho & gcm, 450' o & gcm.
ATOKA SAND	5500	5555	228#-228#	1880#-1802#	GTS - 3min. Gauged 280 MCF. Rec. 190' salty mud, 450' gc muddy salt water.
ST. GENEVIEVE	5775	5840	54#-170#	54#-296#	Recovered 15' mud.
ST. LOUIS	5904	5968	54#-441#	1789#-1634#	Rec. 55' mud, 680' salt wtr. 120' hwcm.

RECEIVED
STATE OIL REGULATION COMMISSION

JAN - 6 1999

WIRE LINE TESTS

- WLT #1, 5748-5750.5' - Tool open 2 hrs. Recovered 1.73 CF shot gas, 8 CF free gas, 50 cc water (7% formation water). Sampling pressure less than 50#, ISIP less than 50#, FSIP 80#/20 minutes.
- WLT #2 and #3 - Mis-runs
- WLT #4, 5551-5553.5' - Tool open 1 hour. Recovered 1.08 CF shot gas. Pressure less than 50#.
- WLT #5, 5516-5517' - Tool open 1 hour. Recovered 6.2 CF free gas, 450 cc free oil, 37° gravity, 13,570 cc water (25% formation water). Flow pressure less than 50#, ISIP 1920#/2 min. and 45 seconds, FSIP 1920#/7 min. and 45 seconds.

CONSERVATION DIVISION