



02358816

champlin 

DRILL STEM TEST REPORT

RECEIVED
AUG 1 1980
COLO. OIL & GAS CONS. COMMISSION

WELL: #1A Monaghan 2485 PTD: 7979 DST NO.: 1 DATE: 9-12-79
 TESTING CO.: Lyness TYPE TEST: Conventional ZONE NAME: Timpas
 TEST INTERVAL: 7914 to 7979 BHC: 9/16 SURF. CHOKE: 1" SIZE & WT. D.P.: 4 1/2, 16.6#-XH
 TYPE CUSHION & AMOUNT: — MUD LEVEL HELD DURING TEST: Full
 INITIAL OPEN: 15 MIN. DESCRIPTION OF SURFACE FLOW, Degree of Blow, Time Gas to Surface
 & Rate, Time Liquid to Surface & Rate: WEAK increasing to 2" under water in 8
minutes & held steady

INITIAL SHUT-IN: 60 MIN. FINAL OPEN: 60 MIN. DESCRIPTION OF SURFACE FLOW
 Degree of Blow, Time Gas to Surface, Chokes, Pressures & Rates, Time liquid to Surface, Chokes, Pressures
 & Rates, GOR & Water cut, Oil & Gas Gravities: No Blow - Reset tool -
Blow very weak - Touch to water - poor blow - After 10
minutes blow died

ODORS & APPEARANCES: —DID GAS BURN: —FINAL SHUT-IN: 90 MIN. LIQUID REVERSED, BBIs Oil, Water & Other: —DRILL PIPE RECOVERY, Ft. of Gas, Oil, Water & Other: 985' mud

SAMPLER RECOVERY, Pressure, Volumes, Indicated Ratios or Percents, Oil Gravity & Appearance, Oil
 & Gas Odors, Water-Mud Filtrate Resistivity @ Temp. & Chlorides: —

DST PRESSURES (Record Pressure at end of DST function and indicate whether increasing, decreasing
 or stable - if stable, record variation):

IFP: <u>264</u>	<u>384</u>	ISIP: <u>1174 - Increasing</u>
FFP: <u>303</u>	<u>403</u>	FSIP: <u>529 - Increasing</u>
IHP: <u>4274</u>	FHP: <u>4153</u>	BHT: <u>—</u>

Res. of Pit Mud Filtrate @ Temp. & Chlorides: Mud - Rw 8 @ 80°F - Chlorides - 600ppm
 Add'l info, such as mechanical problems, etc. —

13

PRELIMINARY COPY

CHAMPLIN PETROLEUM COMPANY
MONAHAN FARMS, INC. NO. 1-A
SECOND CREEK FIELD
ADAMS COUNTY

FORMATION : SUSSEX
DRLG. FLUID: WATER BASE MUD
LOCATION : SE SW SEC. 5-T3S-R6SW
STATE : COLORADO

DATE : 9-6-79
FILE NO. : RP-2-5960
ANALYSTS : RM:RG
ELEVATION: 5420' KB

CONVENTIONAL CORE ANALYSIS

RECEIVED

AUG 1 1980

SAMP. NO.	DEPTH	PERM. TO HORZ.	AIR (MD) VERTICAL	POR. FLD.	FLUID OIL	SATS. WATER	GR. DNS.	DESCRIPTION
1	5365-66	1.2	0.10	15.6	3.0	71.8		SD DRK GY VFG SLTY CLY V/SHLY
2	5366-67	0.36	0.12	14.0	1.4	79.9		SD DRK GY VFG SLTY CLY V/SHLY
3	5367-68	0.26	0.08	14.5	0.0	74.5		SD DRK GY VFG SLTY CLY V/SHLY
4	5368-69	0.68	0.14	15.6	0.0	64.6		SD GY VFG SLTY CLY SHLY
5	5369-70	1.9	0.27	16.1	0.0	69.7		SD GY VFG SLTY CLY SHLY
6	5370-71	1.6	0.25	14.4	0.0	70.7		SD DRK GY VFG SLTY CLY V/SHLY
7	5371-72	1.3	0.37	14.9	3.2	70.1		SD DRK GY VFG SLTY CLY V/SHLY
8	5372-73	0.59	0.18	13.4	0.0	72.9		SD DRK GY VFG SLTY CLY V/SHLY
9	5373-74	1.8	0.12	13.7	0.7	64.6		SD DRK GY VFG SLTY CLY V/SHLY
10	5374-75	0.55	0.11	15.4	0.0	71.2		SD DRK GY VFG SLTY CLY V/SHLY
11	5375-76	4.7	0.18	15.1	0.0	63.9		SD DRK GY VFG SLTY CLY V/SHLY
12	5376-77	1.3	0.06	15.5	0.0	70.7		SD DRK GY VFG SLTY CLY V/SHLY
13	5377-78	1.8	0.11	15.1	0.0	62.8		SD DRK GY VFG SLTY CLY V/SHLY
14	5378-79	1.3	0.51	15.7	0.0	70.2		SD GY VFG SLTY CLY SHLY
15	5379-80	0.46	0.13	15.7	0.0	60.3		SD GY VFG SLTY CLY SHLY
16	5380-81	1.3	0.09	15.3	0.0	72.4		SD GY VFG SLTY CLY SHLY
17	5381-82	0.31	0.12	16.1	0.6	68.8		SD DRK GY VFG SLTY CLY V/SHLY
18	5382-83	0.40	0.12	15.6	0.0	69.2		SD DRK GY VFG SLTY CLY V/SHLY
19	5383-84	1.3	0.32	17.6	0.0	61.1		SD DRK GY VFG SLTY CLY V/SHLY
20	5384-85	0.20	0.41	13.6	0.0	76.1		SD DRK GY VFG SLTY CLY V/SHLY
21	5385-86	0.48	0.17	16.5	0.0	69.2		SD DRK GY VFG SLTY CLY V/SHLY
22	5386-87	0.25	0.21	16.0	0.0	70.3		SD DRK GY VFG SLTY CLY V/SHLY
23	5387-88	0.32	0.21	14.8	0.0	73.8		SD DRK GY VFG SLTY CLY V/SHLY
	5388-5395							SANDY - SHALE - NO ANALYSIS
24	5395-96	1.0	0.06	10.9	1.8	83.3		SD DRK GY VFG SLTY CLY V/SHLY

CHAMPLIN PETROLEUM COMPANY
MONAHAN FARMS, INC. NO. 1-A
SECOND CREEK FIELD
ADAMS COUNTY

FORMATION : SUSSEX
DRLG. FLUID: WATER BASE MUD
LOCATION : SE SW SEC. 5-T3S-R65W
STATE : COLORADO

DATE : 9-6-79
FILE NO. : RP-2-5960
ANALYSTS : RM:RG
ELEVATION: 5420' KB

RECEIVED

AUG 1 1980

CONVENTIONAL CORE ANALYSIS

SAMP. NO.	DEPTH	PERM. TO AIR (MD)		POR. FLD.	FLUID SATS.		GR. DNS.	COLO. OIL & GAS CONS. COMM.	
		HORZ.	VERTICAL		OIL	WATER		DESCRIPTION	
25	5396-97	0.06	0.06	11.7	4.1	81.2		SD DRK GY VFG SLTY CLY V/SHLY	
26	5397-98	0.12	0.09	11.8	1.6	80.4		SD DRK GY VFG SLTY CLY V/SHLY	
27	5398-99	0.12	0.07	11.8	1.6	85.2		SD DRK GY VFG SLTY CLY V/SHLY	
28	5399 -0	0.17	0.07	12.2	1.6	85.9		SD DRK GY VFG SLTY CLY V/SHLY	
29	5400 -1	0.10	0.06	13.3	1.4	84.1		SD DRK GY VFG SLTY CLY V/SHLY	
30	5401 -2	0.08	0.06	12.2	1.6	82.4		SD DRK GY VFG SLTY CLY V/SHLY	
31	5402 -3	0.08	0.04	12.6	0.8	85.2		SD DRK GY VFG SLTY CLY V/SHLY	
32	5403 -4	0.06	0.05	13.0	0.0	84.7		SD DRK GY VFG SLTY CLY V/SHLY	

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
 DALLAS, TEXAS

PAGE NO. 3

WELL FILE

CHAMPLIN PETROLEUM COMPANY
 MONAGHAN FARMS, INC. NO. 1-A
 SECOND CREEK FIELD
 ADAMS COUNTY

FORMATION : 'J' SAND
 DRLG. FLUID: WATER BASE MUD
 LOCATION : SE SW SEC. 5-T3S-R65W
 STATE : COLORADO

DATE : 9-16-79
 FILE NO. : RP-2-5960
 ANALYSTS : RM:RG
 ELEVATION: 5420' KB

CONVENTIONAL CORE ANALYSIS

SAMP. NO.	DEPTH	PERM. TO HORZ.	AIR (MD) VERTICAL	POR. FLD.	FLUID OIL	SATS. WATER	GR. DNS.	DESCRIPTION
	8365-8373							SHALE - NO ANALYSIS
33	8373-74	0.15	0.03	3.6	2.9	76.0		SD GY VFG SILIC SHLY
	8374-8376							SANDY SHALE - NO ANALYSIS
34	8376-77	0.04	0.03	7.4	1.4	85.7	VF	SD GY VFG V/SILIC
35	8377-78	0.11	0.06	7.8	0.0	49.6	VF	SD GY VFG V/SILIC
36	8378-79	0.15	0.05	4.8	0.0	45.7	VF	SD GY VFG V/SILIC
37	8379-80	0.05	0.05	5.8	1.7	47.4	VF	SD GY VFG V/SILIC
38	8380-81	0.03	0.04	2.4	0.0	83.7	VF	SD GY VFG V/SILIC
	8381-8382							SANDY SHALE - NO ANALYSIS
39	8382-83	0.06	0.03	4.0	0.0	76.8		SD GY VFG V/SILIC PYR
40	8383-84	0.04	0.06	3.5	0.0	58.5		SD GY VFG V/SILIC
41	8384-85	0.06	0.05	6.8	7.2	52.0		SD GY VFG V/SILIC
	8385-8387							SANDY SHALE - NO ANALYSIS
42	8387-88	0.15	0.06	6.1	0.0	65.8		SD GY VFG V/SILIC SL/CARB LAM
43	8388-89	0.26	0.12	5.1	2.0	57.0		SD GY VFG V/SILIC SL/CARB LAM
44	8389-90	6.2	0.05	5.3	0.0	69.3		SD GY VFG V/SILIC SL/CARB LAM
	8390-8391							SANDY SHALE - NO ANALYSIS
45	8391-92	0.52	0.13	5.6	1.8	87.5		SD GY VFG SILIC V/CARB
46	8392-93	0.07	0.05	6.8	20.3	37.7		SD GY VFG V/SILIC
47	8393-94	1.7	0.33	6.9	17.5	67.2		SD GY VFG V/SILIC CLY
48	8394-95	0.07	*	8.3	19.2	40.9		SD GY VFG V/SILIC
49	8395-96	0.42	0.45	8.4	16.3	16.3		SD GY FN V/SILIC
50	8396-97	0.62	0.58	9.1	12.8	15.0	VF	SD GY FN V/SILIC
51	8397-98	0.41	0.25	9.0	20.7	21.8	VF	SD GY FN V/SILIC
52	8398-99	0.11	0.18	8.8	17.7	15.5	VF	SD GY FN V/SILIC

*UNSUITABLE FOR PERMEABILITY MEASUREMENT

VF = VERTICAL FRACTURE

CHAMPLIN PETROLEUM COMPANY
MONAGHAN FARMS, INC. NO. 1-A
SECOND CREEK FIELD
ADAMS COUNTY

FORMATION : 'J' SAND
DRLG. FLUID: WATER BASE MUD
LOCATION : SE SW SEC. 5-T3S-R65W
STATE : COLORADO

DATE : 9-16-79
FILE NO. : RP-2-5960
ANALYSTS : RM:RG
ELEVATION: 5420' KB

CONVENTIONAL CORE ANALYSIS

SAMP. NO	DEPTH	PERM. TO HORZ.	AIR (MD) VERTICAL	POR. FLD.	FLUID OIL	SATS. WATER	GR. DNS.	DESCRIPTION
53	8399 -0	0.75	0.41	10.6	12.6	16.3	VF	SD GY FN V/SILIC
54	8400 -1	0.12	0.12	8.1	19.3	14.5	VF	SD GY FN V/SILIC
55	8401 -2	0.08	0.07	6.8	17.6	23.5	VF	SD GY FN V/SILIC
56	8402 -3	3.7	1.2	7.8	24.4	28.3	VF	SD GY FN-MED V/SILIC CARB

VF = VERTICAL FRACTURE

RECEIVED
AUG 1 1980
COLO. OIL & GAS CORP. - J.M.H.