

SIDE TWO

Operator Name Energy Exploration, Inc. Lease Name..... M. J. Werth Well #..... 2

Sec..... 2 Twp..... 10S Rge..... 26 County..... Sheridan

WELL LOG

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
Samples Sent to Geological Survey Yes No
Cores Taken Yes No

Formation Description
 Log Sample

DST #1 3787-3843 (Tor, Lns. A) 30-60-60-60, Rec. 145' M, few oil spks., IHP 1906, IFP 66-66, ISIP 1098, FFP 95-104, FSIP 1089, FHP 1886, temp. 118°.
DST #2 3846-3869 (Lns. B) 75-60-60-60, Rec. 1696' GIP, 330' CO (40 grav.), 669' CGO, 30' OCM, IHP 1984, IFP 76-181, ISIP 448, FFP 200-248, FSIP 448, FHP 1847, temp. 119°.
DST #3 3869-3880 (Lns. D) 30-60-60-60, Rec. 600' GIP 121' CO (40°), 60' CGO (60% O, 40% G), 60' HOCGM (50% M, 40% O, 10% G), IHP 1886, IFP 19-38, ISIP 353, FFP 66-85, FSIP 362, FHP 1867, temp. 118°.
DST #4 3896-3919 (Lns. E,F) 30-60-60-60, Rec. 160' GIP, 20' HOCGM (45% O), 60' OCWM (5% O), 60' MW, IHP 1925; IFP 28-38, ISIP 1011, FFP 38-66, FSIP 1011, FHP 1906, temp. 118°.
DST #5 3951-3980 (Lns. H) 30-60-60-60, Rec. 130' GIP, 10' CO, 40' HOCGM (15% O) IHP 1925, IFP 38-38, ISIP 1127, FFP 38-38, FSIP 1089, FHP 1906, temp. 120°.
DST #6 - see attached.

Name	Top	Bottom
Sand and Shale	0	158'
Shale	158'	237'
Shale and Sand	237'	2,100'
Shale	2,100'	2,208'
Anhydrite	2,208'	2,244'
Shale	2,244'	2,480'
Shale and Lime	2,480'	3,919'
Lime	3,919'	4,040'
Shale and Lime	4,040'	4,100'
Rotary Total Depth		4,100'

Formation	Sample	Log
Anhydrite	2208 +375	2210 +373
Topeka	3577 -994	3582 -999
Heebner	3798 -1215	3798 -1215
Toronto	3816 -1233	3819 -1236
Lansing	3832 -1249	3833 -1250
Stark	4022 -1439	4025 -1442
BKC	4066 -1483	4067 -1484
T.D.	4100	4099

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"	20#	234'	Class A	150	3% cc 2% gel
Production	7-7/8"	4-1/2"	10.5#	4099'	50/50 Poz Surefill	50	2% gel
				2197'	Lite	500	

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	3874 to 3876	750 gals. 15% NE acid	3874-76
2	3862 to 3864	750 gals. 15% NE acid	3862-64

TUBING RECORD

Size 2 3/8" Set At 3919 Packer at N/A

Date of First Production 1-15-88 Producing Method Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas to Oil Ratio	Gravity
	Bbls	TSTM MCF	N/A Bbls	N/A	35
					CFPB

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Sold Used on Lease Open Hole Perforation Other (Specify)..... 3874-76
 Dually Completed Conmingled 3862-64

3-30-1989
MAR 30 1989
FROM CONFIDENTIAL

15-179-20913-00-00

Energy Exploration, Inc. - M.J. Werth #2
N/2 SW SE Sec. 2-T10S-R26W
Sheridan County, Kansas

DST #6 3995-4040 (Lns. J,K) 30-60-60-60, Rec. 190' GIP, 180' HOCMW (85% O, 10%W, 5% M), 60' OCMW (10% O, 50% M, 40% W), 240' OCMW (85% W, 10% M, 5% O) IHP 1945, IFP 47-85, ISIP 601, FFP 124-219, FSIP 572, FHP 1925, temp. 121°

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

RELEASED
3-30-1989
MAR 30 1989

FROM CONFIDENTIAL

TIGHT HOLE

STATE OF
1-27-1988
FEB 27 1988