



121-09628

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M.D.C. ...

SYNOPSIS OF WELL HISTORY

DRILLING CONTRACTOR: Tiger Drilling Company, Rig #60

SPUD DATE: August 30, 1981 (5:30 P.M., MDT)

COMPLETION DATE: September 8, 1981 (P & A)

SURFACE CASING: 135' of 9 5/8" set at 125' K.B. Cemented with 150 sacks Halco Class "G", 3% CaCl₂, 1/4# Flocele per sack.

PRODUCTION CASING: None.

CORES: None.

DRILLSTEM TESTS: #1 5018 - 36 (straddle) "J" 2SS

TOTAL DEPTH: 5100' Driller
5099' Welex

ELECTRIC LOGS: Welex Induction-Electric Log from TD to 130', and Compensated Density Log with Gamma-Ray and Caliper from TD to 4100', and 2700' to 1700'.

ELEVATION: 5018' Ground
5028' K.B.



FORMATION TOPS
(from Induction Log)

NIOBRARA	4076'	(+952)
BENTONITE	4838'	(+190)
"D" SAND	4940'	(+ 88)
"J" 1 SAND	4990'	(+ 38)
"J" 2 SAND	5015'	(+ 13)

DRILLSTEM TESTS

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COIL & GAS CONS. CORP.

DST #1 5018'-5036' "J" 2 Sand (straddle)

Open 45 minutes. Shut-in 60 minutes. Tool opened with immediate strong blow. Increased to 4 1/2 lb. blow after 20 minutes. Opened to flow line for 15 minutes. Returned to bucket with no blow. Dead for 10 minutes. Shut-in.

Recovered: 2667' Slightly Mud-Cut Water

Sampler: No pressure

2200 ccs Water (1000 PPM Chlorides, RW: 5.0 @ 68°.)

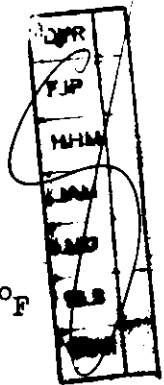
FSIP 1093

FF 585/1084

IH 2569

FH 2550

BHT 205°F



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COLO. OIL & GAS

BIT RECORD

<u>Number</u>	<u>Make</u>	<u>Type</u>	<u>Size</u>	<u>Depth Out</u>	<u>Footage</u>	<u>Hours</u>
1-A	HTC	OSC3-J	12 1/4"	135	135	-----
1	HTC	OSC3A-J	7 7/8"	3754	3619	28 1/2
2	HTC	OSC3A-J	7 7/8"	5010	1253	25 1/2
3	HTC	J-33 (RR)	7 7/8"	5100	90	7

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CRUDE OIL & GAS CONSUMPTION

CHRONOLOGICAL WELL HISTORY

- 8/31/81 Depth 135'. W.O.C. Spudded well @ 5:30 P.M., 8/30/81. Ran 135' of 9 5/8" surface casing, landed at 125' K.B. Cemented with 150 sacks of Halco Class "G" Regular, 3% CaCl₂, 1/4 lb. Flocele per sack. Drilled 12 1/4" surface hole to 135'.
- 9/01/81 Drlg. @ 2700'. Drilling 7 7/8" hole.
- 9/02/81 Drlg. @ 4158'.
- 9/03/81 Depth 4966'. Circulating samples from "D" Sand.
- 9/04/81 TD 5100'. Tripping out of hole to log.
- 9/05/81 TD 5100'. Tripping out of hole with test tool. Attempted to run DST #1; could not get below 4915' with test tool. Ran Wellex Induction-Electric Log and Gamma-Ray Density with Caliper.
- 9/06/81 TD 5100'. Laying down test tool assembly. Tool twisted off coming OOH at approximately 3700'. Fished tool OOH on first run with overshot.
- 9/07/81 TD 5100'. Circulate and conditioning hole preparatory to running DST #1.
- 9/08/81 TD 5100'. Prep to P & A. Ran DST #1 from 5018' to 5036' (straddle test).
- 9/09/81 TD 5100'. Well P & A. Spotted cement plugs as follows:
Base/Surface Casing--~~25~~ sacks (half in-half out)
T/Surface Casing--10 sacks.

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Oil & Gas Cons. Comm.

SAMPLE DESCRIPTION

4920-40 Sh, gray, chunky, w/tr ss, pale gray, v f gr, cak, micaceous, grading to Siltstone.

"D" SAND 4940'

4940-66 Some ss, pale grayish wh, v f-f gr, hard and tite, quartzitic, some pyrite. NS. Abun Sh, aa.

Circ. spls.
@ 4966 SS and Sh, aa. NS.

4966-70 Sh, aa, w/some ls, crm, marly, sndy in part.

4970-80 SS, pale gray-gray, v f-m gr, > -sub o, poorly sorted, hard to friable. NS.

"J" 1 SAND 4990'

4980-96 SS, aa prob cavings. Sh, gray, chunky, hard, w/some silt.

Circ. spls.
@ 4996 As above. No show in SS.

96-5010 Abun Sh, aa. Some SS, wh-grayish wh-gray, > -sub o, hard-friable, scatt mica. NS.

5010-29 Trip spls. Abun cavings. SS and Sh, aa. NS.

"J" 2 SAND 5015'

Circ. spls.
@ 5029 SS and Sh, aa. NS.

5030-40 SS, grayish wh-pale gr, v f-m gr, sub > -sub 0, mostly friable. Prob good intergran ϕ . NS.

40-5100 SS, pale grayish wh-pale gray-wh, v f-m gr, hard to friable, sub > -sub 0, micaceous and glauconitic in part. NS.

TD 5100'.