

JAN 23 1971



5-16-8W
NW NW SW

DRILLERS LOG

COMPANY:
CONTRACTOR:
LEASE NAME:
LOCATION:

ELEVATION:
SURFACE CASING:
COMMENCED:
COMPLETED:
ROTARY TOTAL DEPTH:

A. Scott Ritchie
Aspen Drilling Co.
Hokr #1
NW-NW-SW Sec. 5-T16S-R8W
Ellsworth County, Kansas
1589 K. B.
13 fts. (264') 8 5/8"
12-22-70
12-30-70
2965'

Dry /ark

<u>FORMATION</u>	<u>DEPTH</u>
Surface Clay & Sand	120
Sand	190
Shale & Shells	369
Anhydrite	889
Shale, Lime & Shells	1150
Shale & Lime	2380
Lime	2680
Lime & Shale	2745
Lime	2965

Ran 13 jts. (264') 8 5/8" casing
set at 269' w/160 sacks common
3% calcium chloride, 2% gel.
Cement did circulate.

Log 2411

DST #1	2563-2583
DST #2	2638-2658

Зарека 215
241

Ran electric log.

Toronto 243
B.C. 286

D & A

BNC 200
 Cong. 291
 293

AFFIDAVIT

State of Kansas)
) ss:
County of Barton)

The undersigned, being duly sworn on oath, states that the above statement and log are a true and correct record and log of the well drilled at the location above described.

William S. Schachle
William S. Schachle, Affiant

Subscribed and sworn to before me this 31st day of December, 1970.



My commission expires: April 18, 1972.

Theora Holleman, Notary Public

o w w o

8-19-71

N.K.O. Enterprises

now. Haplin B. 1

SW DW/Land

5 1/2' 2792' 125 ef

WELL NAME: COMANCHE #1 HOKR
LOCATION: 120' W OF S/2 S/2 SW SECTION 5-T16S-R8W
IPP:
ELEVATION: 1639 KB
SPUD: 6-80 COMPLETED: 7-28-80
4½" AT 2687' w/125 SACKS
1ST GAS SALE: AUGUST 1980
GEOLOGIST: PAT BALTHAZOR (NO REPORT)

FORMATION TOPS:

SEVERY SHALE	2185	- 546	
SEVERY SAND	2201	- 562	4' shaly
TOPEKA	2231	- 592	
LECOMPTON	2337	- 698	
HEEBNER	2466	- 827	
DOUGLAS SAND	2511	- 872	10' shaly
BROWN LIME	2584	- 945	
LANSING	2598	- 959	
C ZONE	2624	- 985	23'
F ZONE	2679	-1040	
TOTAL DEPTH	2688	-1049	

DRILLSTEM TESTS:

DOUGLAS SAND - T 278 MCFGPD, stab, 384' GCM [988-960#]
LANSING C ZONE - T 4' M, no shut-in pressures recorded

COMPLETION:

7-22-80 - Lecompton - perf 2334-40, 750 gal. 15% MCA acid, 1000 gal. 15%
Reg. acid + 3000 gal. 28% acid
9-2-84 - Lecompton? - 500 gal. 15% MCA acid - Halliburton ticket shows
packer at 2500'

REMARKS:

1. Acid job Sept. 84 shown by Halliburton to be through tubing with packer at 2500'. Suggests zone open below 2500'.
2. Douglas Sand should be opened
3. Lansing C Zone shows only 3' pay - not well developed
4. Lecompton development in this well is very good

COMANCHE #1 HOKR (CONT.)

PRODUCTION HISTORY:

DATE	AVE. DAILY PROD.	CUM. PROD.	ZONE	WHSIP
8-80 to 1-81	105 MCF	15.7 MM	LECOMPTON	
1-81 to 7-81	100 MCF	34.0 MM	"	
7-81 to 1-82	66.7 MCF	46.2 MM	"	541# 8-31-81
1-82 to 7-82	73.0 MCF	59.5 MM	"	368# 7-22-82
7-82 to 1-83	41.4 MCF	67.1 MM	"	
1-83 to 7-83	35.9 MCF	73.6 MM	"	
7-83 to 1-84	35.8 MCF	80.2 MM	"	
1-84 to 7-84	21.8 MCF	84.9 MM		243# 7-2-84
7-84 to 1-85	28.4 MCF	89.3 MM	?	
1-85 to 7-85	6.6 MCF	90.5 MM	acid w/pkr	
7-85 to 1-86	0.6 MCF	90.6 MM	at 2500'?	
			9-2-84	

RECOVERIES TO DATE:

1. Lecompton - at least 85MMCFG

C. E. Wood Well Servicing Co., Inc.

Single and Double Drum Units • Power Tubing Tongs

Phone 316-938-2536
CHASE, KANSAS 67524

Company Illus Ind. Date 7-23, 1980
Case Hair Well No. 1
Tud Anchor 8.13 Packer well kicked off at
ating Nipple 1.10 Misc. Info. 29" JTI put in
31.45 ft.

No.	Wt.		Thd.		Kind					
	Feet	Inch	Feet	Inch	Feet	Inch	Feet	Inch	Feet	Inch
1	31	57	31	53	31	78				
2	31	06	31	39	31	85				
3	31	01	30	66	31	55				
4	30	39	31	55	31	80				
5	31	59	31	57	30	52				
6	31	48	31	59	31	00				
7	31	44	31	51	31	42				
8	30	19	30	52	31	44				
9	30	12	31	49	31	93				
10	31	50	31	55	31	57				
11	31	32	31	79	31	79				
12	31	83	31	85	31	29				
13	31	55	31	86	31	51				
14	31	50	30	62	31	80				
15	31	41	31	84	31	54				
16	31	82	31	49	31	40				
17	31	99	30	86	31	50				
18	31	45	31	58	30	42				
19	31	50	31	58	31	21				
20	31	30	31	44	31	63				
21	31	42	31	85	30	60				
22	31	52	31	84	31	80				
23	31	55	30	72	31	56			2334.00	
24	31	82	31	84	31	59	754.56		2330.43	
25	31	82	31	83					13.57	
TOTAL	784	53	786	34					1024.156	

TOTAL TALLY _____ TOTAL JOINTS 75 Jts - 1-8' sub