

CHIEF DRILLING CO., Inc.

Drilling Contractors - Oil Producers

SUITE 905 CENTURY PLAZA

WICHITA, KANSAS 67202

19-11-36W

V. RICHARD HOOVER
PRESIDENT

(316) 262-3791

DAILY COMPLETION REPORT

EMEL #1

C NE SE SEC. 19-11S-36W

Logan County, Kansas

12-16-82 Moving in, rigged up, ran 3 7/8 bit & 2 drill collars to stage collar @ 2763'

12-17-82 Drilled out stage collar @ 2763', Circualted hole clean pulled out of hole with tubing & bit,

12-20-82 Ran correlation, cement bond & collar log, Perforated form 4461 - 4463' 4 shots per ft.
2 hr. swab test 12.96 bbls. - oil
1/2 hr. swab test 4.64 bbls. - oil
6% water; 15-16 gravity

12-21-82 1750' fill up - oil, acidized w/250 gal 15% mud acid, w/20% qylenol, 1500 max pressure, treated 1 bbl. per min. average 400#, 78 1/2 bbl. total load, Swab down to 4100' 98 bbl.
1 hr. test 9.28 bbls. - oil
1/2 hr. test 4.64 bbls. - oil

12-22-82 800' fill up, running tubing & rods
Mud anchor 29.00
137 jts. 2 3/8 tubing 4429.00
2 - 6' subs 12.00
4470.00

2 x 1 1/2 x 12 THD insert pump
176 3/4 rods
4 - 6' pony rods
1 - 16' polish rod

1-4-83 Put on pump, 25 bbl. oil 5 bbl. water
3-12-83 1st tank of oil sold on 3-12-83
Koch Oil Co.

RECEIVED
STATE CORPORATION COMMISSION

MAR 15 1983

CONSERVATION DIVISION
Wichita, Kansas

CHIEF DRILLING CO., Inc.

Drilling Contractors - Oil Producers

SUITE 905 CENTURY PLAZA

WICHITA, KANSAS 67202

V. RICHARD HOOVER
PRESIDENT

DAILY DRILLING REPORT

RIG #1

(316) 262-3791

EMEL #1 (#1611)
C NE SE SEC. 19-11S-36W
Logan County, Kansas

ELEVATIONS:

3360 GR.
3362 D.F.
3365 K.B.

11-23-82 Moving in

11-24-82 Finished moving, spudded in
@ 11:30 ran 7 jts. new 8 5/8"
20# casing 279' set @ 282' gr.
cemented w/165 sx. common, 3%
c.c., 2% gel. started @ 4:00 p.m.
completed @ 4:30 p.m.

FORMATION TOPS:

Anhydrite	2756	+	609
Base Anhydr.	2782	+	583
Heebner	4110	-	745
Lansing	4155	-	790
Stark	4387	-	1022
Hush Puckney	4420	-	1055
BKC	4452	-	1087
Marmaton	4492	-	1127
Ft. Scott	4650	-	1285
Cherokee	4681	-	1316
Mississippi	4874	-	1509
RTD	4924	-	1559

11-25-82 Drilling @ 1385'
11-26-82 Drilling @ 2607'
11-27-82 Drilling @ 3413'
11-28-82 Drilling @ 3885'
11-29-82 Drilling @ 4234' Circulating, DST #1
4150-4250, (Top 35 - 50 Lansing), 30-30-30-30
Strong blow for 60 min., 10 min. after blow on
on first shut in, 15 min. after blow on final
shut in, rec. 553' muddy wtr, IBHP: 1300,
FBHP: 1290, IFP: 100 - 225, FFP: 220 - 300,
11-30-82 Drilling @ 4354' DST #2 4350 - 4445 (160
180-200 zone) 30-30-30-30, strong blow
in 5 min., and a strong blow throughout
both flow periods, 10 min. after blow
on 1st shut in, 10 min., after blow on
final shut in. Rec. 720', Muddy water
IBHP: 1405, FBHP: 1400 FP: 125- 340
FFP: 340 - 450

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Wichita, Kansas

12-01-82 Drilling @ 4449' DST #3 4440 4480 220 zone
30-30-30-30 strong blow for 60 min., Rec. 60'
GIP, 961' GM&WCO, 15% G, 48% O, 8% W, 29% M,
183' MO, 183' HWCO, 366' MGW, IBHP: 1270#
FBHP: 1240#, IFP: 100-650, FFP: 650-900

E-LOG TOPS:

12-02-83 Drilling @ 4538'
12-03-82 Drilling @ 4722'
12-04-82 Drilling @ 4924' T.D. Ran 135 jts.
used 4 1/2" 10.5# casing, set guide
shoe on bottom, insert float @ 4576'
centralizer & combination basket @
4500', centralizer @ 4450', centralizer
& basket @ 2778', D.V. tool 2763'
centralizer @ 2733' cemented w/160
sx. 60-40 pos mix 10 bbl. salt flush
started @ 12:00 a.m. completed @
1:00 a.m.

Anhydrite	2756	+	609
Base Anhydr.	2781	+	584
Heebner	4110	-	745
LKC	4155	-	790
Stark	4387	-	1022
Hush Puckney	4422	-	1057
BKC	4455	-	1090
Marmaton	4492	-	1127
Fort Scott	4651	-	1286
Cherokee	4684	-	1319
Mississippi	4879	-	1514
RTD	4924	-	1559
LTD	4927	-	1562

WELL LOG

19-11-36W

CHIEF DRILLING CO., INC.
905 Century Plaza
Wichita, Kansas 67202

EMEL #1
C NE SE SEC. 19-11S-36W
Logan County, Kansas

CONTRACTOR: Warrior Drilling Co., Rig #1
CASING RECORD: 8 5/8" 279' set @ 282'
cem. w/165 sx. common 3% c.c.
2 % gel

COMMENCED: 11-24-82
COMPLETED: 12-05-82

FORMATION	FROM	TO	ELEVATIONS:
Surface Sand & Clay	0	289	3360 GR.
ay & Sand	289	2338	3362 D.F.
Sand & Shale	2338	2756	3365 K.B.
Anhydrite	2756	2782	
Shale	2782	3739	
Shale & Lime	3739	4135	
ale	4135	4250	
Lime & Shale	4250	4480	
Shale	4480	4842	
Lime	4842	4924	
RTD	4924		

Ran 135 jts. used 4 1/2" 10.5 casing, set guide shoe on bottom, insert float @ 4576', centralizer and combination basket @ 4500', centralizers @ 4450', centralizer & basket @ 2778', D.V. tool 2763' centralizer @ 2733' cemented w/160 sx. 60-40 pos mix, 10 bbl. salt

STATE CORPORATION COMMISSION

MAR 15 1983

CONSERVATION DIVISION
Wichita, Kansas

STATE OF KANSAS, COUNTY OF SEDGWICK) ss:

I hereby certify that the above is a true and correct copy of the Driller's Log of the well drilled in the C NE SE SEC. 19-11S-36W Logan County, Kansas, to the best of my knowledge and belief.

CHIEF DRILLING CO., INC.

MARTHA E. GUSTIN
NOTARY PUBLIC
STATE OF KANSAS
4-15-85

F. W. Shelton, Jr.
F. W. Shelton, Jr., Vice Pres.

Subscribed and sworn to before me this 13th day of December, 1982

Martha E. Gustin
Martha E. Gustin Notary Public