

FORM 863

KELLEY BUSHING

983

DERRICK FLOOR

SURFACE ELEVATIONS

GROUND

973

WELL COMPLETION REPORT

NEW WELL XX

RECOMPLETION

REPAIR

FORMATION	DEPTH.	ELEVATION	THICK	OPERATOR:
Pennsylvanian	241	742	27	NNG
St. Louis-Warsaw	268	715	111	FARM: Pameticky
Keokuk	379	604	80	WELL NO.: 1
Burlington	459	524	84	LOCATION: NE NW Sec. 6, T79N,
Gilmore City	543	440	32	R28W
Hampton	575	408	108	
Maple Mill	683	300	44	
Lime Creek	727	256	116	
Cedar Valley	843	140	412	
Wapsipinicon	1,255	272	82	CO.-PA. Dallas
Gower	1,337	354	30	STATE-POV. Iowa
Maquoketa	1,367	384	298	AREA:
	1,367	384	99	FIELD: Redfield
Brainerd	1,466	483	89	DATE COMMENCED: 12-12-73
Fort Atkinson	1,466	483	89	DATE COMPLETED: 2-10-74
Elgin	1,665	682	164	INITIAL PRODUCTION
Galena	1,829	846	56	
Decorah-Platteville	1,885	902	36	
St. Peter	1,921	938	354	
Prairie du Chien	2,275	1,292	12	
Jordan	2,287	1,304	116	
St. Lawrence	2,403	1,420	167	
Franconia	2,570	1,587	219	
Eau Claire	2,789	1,806	31	
Mt. Simon	2,820	1,937	91	
Red Clastics	2,911	1,928	-	
Basement				

ACIDIZING AND FRACTURING:

CASING: BKB

DIAMETER	LENGTH	WEIGHT	GRADE
13 3/8	268	48#	H40
8 5/8	1432	24#	J55
* 5 1/2	2920	17 & 14#	J55
* First 7 jts. New 17# & top 84 jts. Used 14# casing.			

TUBING:

DIAMETER	LENGTH	WEIGHT	GRADE

PERFORATIONS:

Correction

DRILLERS LOGS:

12-2/11-73

Move and rig up.

12 Drill 17½" hole to 175'.
 13 Ditto 268'. Ran 6 jts. 13 3/8" casing and cement
 w/275 sks. 3% HA-5 & 1/4# Flocele.
 14 Drill 12½" hole to 455'.
 15 Ditto 715'.
 16 Ditto 945'.
 17 Ditto 1145'.
 18 Ditto 1395'.
 19 Ditto 1432'. Ran 32 jts. 8 5/8" casing & cement

with 700 cu. ft. 2% C.C. 1/4# Flocele. Cement circulated 45' sks.

1-7-74

Lay down drill string and move to Adel.

1-28/30-74

Move in and rig up.

31 Drill 7 7/8" hole to 1505'.
 2-1-74 Ditto 1587'. Ran DST #1.

Ditto 1640'.
 Ditto 1925'. Circulate hole.

Run DST #2. Drill ahead to 2000'.

4 Drill 7 7/8" hole to 2265'.

5 Ditto 2555'.

6 Ditto 2835'.

7 Ditto 2920'. Run Welex logs.

8 Complete logging and run DST #3.

9 Run DST #4 & #5.

10 Circulate clean, run 91 jts. 5½" casing (1st 7 jts. are 17# pipe.
 Top 84 jts. are Used 14# pipe). Cemented lower stage w/350 sks.
 18% Salt, 1/4# Flocele Pozmix. Circulated 30 sks. out. Halco
 cemented upper stage w/300 sks. 18% Salt Pozmix. Circulated
 30 sks. out. DV @ 1390' BKB.

ing.
 ited.
 00 cu. ft.

DST #1.
 x logged.
 conds.
 84 jts. of
 1/4# Flocel
 18% salt

DRILLING TOOLS:

FROM

TO

REMARKS:

ROTARY TOOLS

0

2920

M-3000

PERCUSSION TOOLS

OTHER

DRILLING DIFFICULTIES: LOST CIRCULATION, CROOKED HOLES, ETC. None

COMPLETION PROCEDURE:

12-2/13-73

Move in, rig up, drill 17½" hole to 268' & run 6 jts. 13 3/8" casing.
Cement with 275 sks. 3% HA-5 1/4# Flocele. Cement barely circulated.

12-14/19-73

Drill 12½" hole to 1432'. Ran 32 jts. 8 5/8" casing. Cement w/700 cu. ft.
2% C.C. 1/4# Flocele. Circulated 45 sks.

1-28/2-10-74

Move rig back from Adel, rig up, drill 7 7/8" hole to 1587'. Run DST #1.
Drill ahead to 1925' and run DST #2. Drill ahead to 2920'. Welex logged.
Run DST's 3, 4, & 5. (The Elgin zone had gas to surface in 90 seconds.
The other zones - no gas). Ran 7 jts. of new 5½" 17# casing and 84 jts. of
used 14# casing. Halco cemented lower stage w/350 sks. 18% salt 1/4# Flocele
Pozmix. (Circulated 30 sks. out). Cement upper stage w/300 sks. 18% salt
Pozmix. (Circulated 30 sks. out).

Run No.

DEPTH

DRILLING MUD AND CHEMICALS

[illegible]

CORE AND DRILL STEM TESTS:

DST #1 Elgin Zone 1562-1587 (Gas to surface in 90 seconds).
 IHP 774 IF 250 FF 284 CIP 645 FHP 765
 DST #2 St. Peter Zone 1891-1925 (No Gas). Open 1 hour and Shut in 1 hour.
 IHP 902 IF 181 FF 731 CIP 739 FHP 894
 DST #3 Lower Red Clastics 2855-2920 (No Gas).
 IHP 1420 IF 765 FF 1135 CIP 1135 FHP 1411
 DST #4 Upper Red Clastics 2820-2855 (No Gas).
 IHP 1342 IF 705 FF 1117 CIP 1117 FHP 1333
 DST #5 Mt. Simon 2820-2785 (No Gas).
 IHP 1325 IF 619 CIP 1109 FHP 1316 FF 1109

LOGS

Welex:	Radioactivity	2-7-74
	Comp. Acoustic Velocity	2-7-74
	MSG-Frac Finder	2-7-74
	MSG-Cement Bond Log	2-7-74
	Density	2-7-74