

# Martin K. Dubois

Consulting Geologist

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## DRILLING AND COMPLETION REPORT

Golden Eagle Petroleum Company

#2 Myron Hund

NE SE SW 17-8S-22E

Leavenworth County, Kansas

- 7-12 Moved on Location, set 7" at 40', plug down at 11:15 a.m., Consolidated cemented surface.
- 7-13 Shut down for weekend.
- 7-14 Shut down for weekend.
- 7-15 Drilled out beneath surface casing at 9:50 a.m..
- 7-16 1165', drilling at 7:00 a.m., total depth of 1241' reached at 10:30 a.m., ran E-Logs 4 1/2" 9.5#/foot casing set at 1240' with 5' shoe joint, effective TD is 1235'. Ran pre-flush, 135 sacks of 60-40 posmix on top and 40 sacks of oil well cement on bottom. Maximum pressure while cementing was 750#. Wireline TD after job was 1235'. Plug down at 7:45 p.m. Consolidated cemented the casing.
- 7-17 through 7-23 Wait on cement.
- 7-23 Great Guns on location at 11:45 a.m. and Pfeifer Well Service on location at 1:00 p.m.. Ran bond log and correlation log with collar locator; all logs tied in, LTD is 1228; good bond over Burgess and from 1070-1190, fair bond from 1190-1210, good bond from 1210-1228. Swabbed down to 300'; perforated Burgess Sandstone from 1172 to 1176 with 2 shots per foot with 10 gram SSB shots at 4:30 p.m.; swabbed down to TD; show of gas on last pull; shut in, 40# in 15", 75# in 30", swabbed down, 30' muddy water in hole, shut in at 5:50 p.m., 55# in 15", 100# in 30".
- 7-24 On location at 6:45 a.m., 450# on casing, very slight leak around 4 1/2" casing, blew well down and shut in after 10 minutes, 80# in 15", 145# in 30", 330# in 90". Consolidated and Pfeifer on location at 8:30. Acidized with 250 gallons of 7 1/2% MCA, pressured up in stages to 900#, broke down to 600#, fed 1.5 BBL/minute at 600#, increased to 4.5 BBL/minute at 750#, shut in 350#, job complete at 9:30 a.m., shut in until 10:00. Swab down, show of gas on 1st swab, swabbed down to TD, good flow of gas, blew for 15 minutes, shut in and rig up for test. SIP 30# in 10". Tested through 1/4" choke: 75# in 15" (124.5 mcf), 89# in 30" (144 mcf), 93# in 45" (149.5 mcf), 100# in 60" (159.2 mcf). Shut in, 340# in 15", 395# in 30", 405# in 45" with slight leak around orbit valve. Killed well at 3:30 p.m. with 40 BBLs saltwater to run tubing, 10 BBLs flowed back leaving 18 in casing and 12 in formation. Ran 1184' of 2 3/8" upset tubing with 15' mud anchor. Swabbed down through tubing an estimated 26 BBLs, then well unloaded with 150" on casing at 7:30 p.m. total load recovered approximately 27 BBLs.

7-25 Pfeifer reported 420" SIP w/small leak in packing, blew down, shutin, blew down, hole still making some fluid. Pfeifer released at 10:00 a.m.. Allowed well to blow through casing and tubing for 1 hour, shutin 1 hour, 420# on casing 380# on tubing, blew down 20 minutes and unloaded approximately 1 BBL, shutin 15", 380# SICP, 375# SITP. Blew down, hole is still making some fluid, allowed well to blow through tubing and casing for 1 hr. 45 min., shutin, 200# SICP and 110# SITP in 10", blew down and recovered approximately 2 BBLs.

Shut well in for blow down test at 5:30 p.m..

5:35	SICP	200#,	SITP	120#
5:40	SICP	315#,	SITP	235#
5:50	SICP	390#,	SITP	310#
5:55	SICP	405#,	SITP	325#
6:00	SICP	410#,	SITP	330#

Opened tubing side, well unloaded approximately 1 BBL SW. Blew well down in 10 minutes.

Shut tubing in, opened casing side through 1/4" bushing. Pressure built to 80# in 10 minutes, equivalent to 130 MCF/D.

Opened tubing and casing to atm for 1 hr.

Shut well in for blow down test at 7:30 p.m..

7:32	SICP	140#,	SITP	110#
7:35	SICP	295#,	SITP	260#
7:40	SICP	375#,	SITP	330#
7:45	SICP	395#,	SITP	350#
8:00	SICP	400#,	SITP	360#

Opened tubing side, well unloaded approximately 1/2 BBL SW. Blew well down in 10 minutes. Left tubing slightly open to atm for the night.

Total fluid recovered is approximately 33 BBLs. Steve Strong took over completion work.



**GOLDEN EAGLE PETROLEUM COMPANY**  
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DRILLING AND COMPLETION REPORT

Myron Hund #2  
NE SE SW 17-8S-22E  
Leavenworth County, Kansas

- 7-26 9:30 AM Well flowing through slightly opened tubing, FTP 415#, SICP 410#.
- Opened tubing side and blew well down in 10 minutes. Unloaded approximately 1/2 BBL SW.
- Shut tubing in. SIP 300# in 10 minutes.
- 12:00 Noon Open tubing side, blew well down in 10 minutes. Unloaded approximately 1/4 BBL SW and continued blowing heavy mist.
- Shut tubing in. SIP 400# in 15 minutes. Opened tubing side again and blew well down. Still making heavy mist.
- Opened casing side and left both tubing and casing open to atm.
- 3:00 PM Well still blowing heavy mist.
- Shut well in, SIP 400# in 15 minutes.
- Surged well back and forth, first opening tubing, then casing. Heavy flow of mist appears undiminished. Continued flowing and shutting in until 7:00 PM. Well flowed back approximately 1 BBL SW during that period. SIP still 400# in 15 minutes. Left tubing side cracked open for the night.
- 7-27 11:00 AM Well flowing through slightly opened tubing, FTP 415#, SICP 400#.
- Opened tubing full, blew well down in 10 minutes. Unloaded very little water, flowing very fine mist.

7-27 11:15 AM Shut in well for blow down test

11:16	SICP	100#,	SITP	100#
11:17	SICP	140#,	SITP	150#
11:18	SICP	190#,	SITP	200#
11:19	SICP	240#,	SITP	250#
11:21	SICP	290#,	SITP	300#
11:23	SICP	340#,	SITP	350#
11:28	SICP	390#,	SITP	400#
12:15	SICP	410#,	SITP	420#
12:45	SICP	410#,	SITP	420#

1:00 PM Opened tubing side full, blew well down in 10 minutes. Unloaded approximately 1/4 BBL SW, flowing very fine mist. Opened casing side, left both tubing and casing open to atm.

2:00 PM Well now flowing heavier mist. Shut well in. Left tubing side slightly open.

7-28 11:45 AM Well flowing through slightly opened tubing. FTP 425#, SICP 410#.

Opened tubing full, blew well down in 10 minutes. Unloaded approximately 1/2 BBL SW, flowing very fine mist.

12:00 PM Closed tubing on 2" side, opened other side through 1/4" bushing for production test.

12:01	FTP	50#		
12:02	FTP	75#		
12:04	FTP	100#		
12:10	FTP	110#		
12:15	FTP	110#		
12:20	FTP	110#,	SICP	110#

Shut well in. End production test. FTP of 110# equals deliverability of approximately 180 MCFGPD

7-29 SITP 430#, SICP 410#

Opened tubing side full, blew well down in 10 minutes. Unloaded approximately 1/4 BBL SW, flowing fine mist. Shut well in.

7-30 SITP 430#, SICP 410#

Opened tubing side full, blew well down in 10 minutes. Unloaded approximately 1/2 BBL SW, flowing moderate mist. Shut well in.

- 8-2 SITP 430#, SICP 410#  
Ran multipoint back pressure test. IPCAOF 800 MCFGPD
- 8-5 Laid line, separator and meter run.
- 8-6 Open well to sales line. Found leak at union.
- 8-7 Repaired line leak
- 8-8 Open well to sales line. First day's production of  
88 MCFGPD through 1/2" orifice, FTP 390#
- 8-13 Change out orifice plate to 3/4"

# Dubois and Johnson

Consulting Geologists

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## DRILLING PROGNOSIS

815  
75  
+740

814

WELL NAME: #2 Myron Hund DATE: 6-26-85  
 LOCATION: NE SE SW 17-8S-22E ELEVATION: 855 GL (Est.)  
 PROPOSED TD: 1265', 20' into Mississippi SPUD DATE: 7-9-85

FORMATIONS	DEPTH	Drill times:
Haskell	15	
"Stray" Lime	83 <sup>43</sup>	
Lansing	115 <sup>75</sup>	Samples: <u>Save 10' washed and bagged samples</u> <u>from 650 to TD.</u>
404 B. Kansas City	453 <sup>413</sup>	
Cherokee	704 <sup>664</sup>	Mud Type: <u>Chemical</u> Mud Up: <u>1000'</u>
Coal Marker	1065 <sup>1025</sup>	Maintain: <u>Vis. 34-36</u> <u>Wt. &lt;95</u> <u>Wtr. Loss &lt;12</u>
McLouth Int.	1150 <sup>1110</sup>	Remarks: <u>1 1/2 sks caustic, 1 1/2 sks soda ash</u> <u>2 sks tanathin gel for 34 vis.</u>
Burgess	12 <sup>1172</sup>	
Mississippi	1245 <sup>1205</sup>	
Total Depth	1265 <sup>1225</sup>	

Gas Detector: None

Hole size Casing Depth Logging: Open hole logs will most likely  
 To set surf. in ls. 83' be run.  
or  
115'

Geologist: Marty Dubois Phone: Home: (316)221-4129  
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Call Point: When you drill out be- STOP POINT: 1150'  
neath surface casing.

Daily Drilling Reports: Call John Jennings (749-1581) prior to 9:00 am.  
each morning with your daily report.

Remarks: Make note on geolograph of depth of all connections, nature  
of any downtime, and mud weight and viscosity at least twice a tower.