

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 5757  
Name Billy Oil Co. Inc.  
Address Box 218  
City/State/Zip Buffalo, Ks. 66717

Purchaser Square Deal Oil Co.  
Chanute, Kansas 66720

Operator Contact Person William O' Bryan  
Phone 316-537-6831

Contractor: License # 5419  
Name J-J Drilling

Wellsite Geologist  
Phone

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

If ONWO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

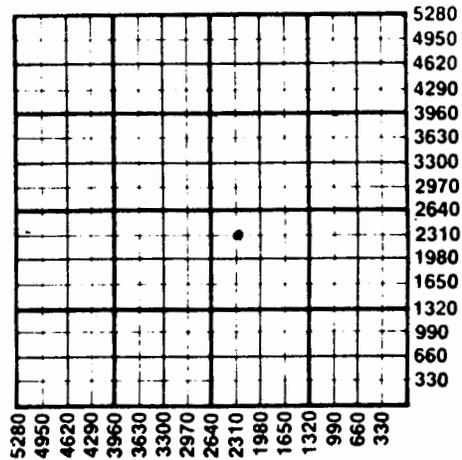
Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
..4-12-85 ..4-16-85 .....4-16-85  
Spud Date Date Reached TD Completion Date  
.1294..... .1350.....  
Total Depth PBTD  
Amount of Surface Pipe Set and Cemented at 40 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set.....feet  
If alternate 2 completion, cement circulated  
from .1294 feet depth to surface SX cmt

API NO. 15-103-20-342  
County Leavenworth  
NW NW SE Sec. 13 Twp. 8 Rge. 21  East  West

2310 Ft North from Southeast Corner of Section  
2310 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name Theis Well # 2  
Field Name Apple Valley Pool  
Producing Formation Burgess McClouth  
Elevation: Ground 890 KB

Section Plat



Filed  
6-14-85

WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  
Docket #  Repressuring

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit #  
 Groundwater.....Ft North from Southeast Corner  
(Well) .....Ft West from Southeast Corner of  
Sec Twp Rge  East  West  
 Surface Water 19.80 Ft North from Southeast Corner  
(Stream, pond etc) 2210 Ft West from Southeast Corner  
Sec Twp Rge  East  West  
 Other (explain).....  
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply.  
Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.  
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature  
Title Date  
Subscribed and sworn to before me this .....day of.....  
19.....  
Notary Public  
Date Commission Expires

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)

Sec. Twp. Rge.

Operator Name Billy Oil, Inc. Lease Name Theis Well # 2

Sec. 13 Twp. 8 Rge. 21  East  West County Leavenworth

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

BILLY OIL, INC. THEIS #2		Interval	Description	Interval	Description	Interval	Description
12	Soil A Clay	12		33	Shale Mucky	809	
18	Sand	30		35	Shale Dark	844	
51	Shale	81		4	Lime Broken	848	
41	Limey Sand	122		6	Shale Dark Limey	854	
45	Shale	167		15	Sand w-ite mucky limey	869	
5	Limey Shale	172		11	Shale Limey	880	
28	Shale	200		82	Shale Sandy Mucky	962	
27	Lime	227		10	Lime	972	
21	Limey Shale	248		4	Sand Limey	976	
21	Lime	269		16	Shale Limey	992	
22	Grey Sand Shaley	291		3	Dark Shale	995	
13	Lime	304		6	Shale w/lime stringers Sandy	1001	
35	Shale	339		31	Sand Limey White	1032	
67	Lime	406		35	Shale	1067	
12	Shale Dark	418		35	Sand light grey Shaley	1122	
19	Lime	437		2	Coal	1124	
10	Shale	447		12	Dark Shale	1136	
24	Lime	471		2	Dark Shale w/coal	1138	
9	Sand Limey	480		4	Sand White to grey	1142	
17	Lime	497		11	Shale Sandy Silty Mucky	1153	
15	Sand Shaley Lime Streaks	512		1	Sandy Lime White	1154	
11	Lime Broken Chalk	523		12	Sand Slight Shaley	1166	
12	Shale Sandy	535		2	Coal	1168	
23	Sand Shaley	558		11	Shale Dark @ 1176'	1179	
60	Shale Dark Sandy	618		6	Lime Sandy	1185	
24	Sand Limey	642		22	Shale Sandy Limey Dark	1207	
36	Shale	678		20	Sand light Grey to Black Free Oil on Pit Good Odor & Show	1227	
14	Lime Broken Sandy	692		9	Shale Sandy	1236	
19	Shale Limey	711		1	Lime	1237	
3	Lime	714		13	Sand Light Grey to Black Tight Grained Slightly Gassy with Show	1250	
8	Shale Limey	722		5	Sand Shaley Silty Mucky	1255	
14	Lime Broken	736		25	Shale Sandy Limey	1280	
33	Shale Sandy Limey	769		2	Lime Sandy	1282	
7	Sand Limey	776		10	Sand Light Grey Gassy with Lime White	1292	
				2	Lime Mississippi	1294	

Ran 1286.60' of 4 1/2" 8rd- casing.

CASING RECORD <input checked="" type="checkbox"/> New							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Surface	9 3/4"	7"		40'	Port. A	1	
Production	6 1/2"	4 1/2"		1297'	Port. A	169	3% Gilsemit
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
2	1210-1252 HSC			20 sk/12-30			
	1199-1210			70 sk/10x20			
				70 sl/8x12		1252	
				600 gal. diesel			
TUBING RECORD		Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
		2"		NO			
Date of First Production		Producing Method					
4-22-85		<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
35 Bbls			50 MCF			22	

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Sold  Used on Lease  Open Hole  Other (Specify) .....  Perforation  Dually Completed  Commingled

1210-1252  
1199-1210

Set to 10' 7" surface pipe,  
Cemented with 1 sacks of cement.

Commenced 4/12/85  
Completed 4/16/85

BILLY OIL, INC.  
THEIS #2

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51	Shale	81
41	Limey Sand	122
45	Shale	167
5	Limey Shale	172
28	Shale	200
27	Lime	227
21	Limey Shale	248
21	Lime	269
22	Grey Sand Shaley	291
13	Lime	304
35	Shale	339
67	Lime	406
12	Shale Dark	418
19	Lime	437
10	Shale	447
24	Lime	471
9	Sand Limey	480
17	Lime	497
15	Sand Shaley Lime Streaks	512
11	Lime Broken Chalk	523
12	Shale Sandy	535
23	Sand Shaley	558
60	Shale Dark Sandy	618
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10	Lime	972
4	Sand Limey	976
16	Shale Limey	992
3	Dark Shale	995
6	Shale w/lime stringers Sandy	1001
31	Sand Limey White	1032
35	Shale	1067
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2	Dark Shale w/coal	1138
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THEIS #2  
Con't.

1	Sandy Lime White	1154
12	Sand Slight Shaley	1166
2	Coal	1168
11	Shale Dark @ 1176'	1179
6	Lime Sandy	1185
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25	Shale Sandy Limey	1280
2	Lime Sandy	1282
10	Sand Light Grey Gassy with Lime White	1292
2	Lime Mississippi	1294

Ran 1286.60' of 4½ 8rd- casing.



# NITROGEN SERVICE

P. O. BOX 884 CHANUTE, KANSAS 66720  
PHONE (316) 431-9210

2158

Chanute OPERATOR W. Clifford  
1463  
Dilly Oil Co.  
Box 218  
Chanute, Ks.  
66717

Starting Time: 2:15 <sup>AM</sup>/<sub>PM</sub> Date 4-22-85  
Ending Time: 3:45 <sup>AM</sup>/<sub>PM</sub> Date 4-22-85  
Name of Well These # 2 & # 3  
Legal Description 13-8-21  
Field E. EASTON  
County Leavenworth State KANSAS

DATA:  
Burgess  
1252  
1210-52 1177-1214 # Perfs 43 & 49  
4 1/2  
FRAC Wt. of Fluid \_\_\_\_\_ lbs/gal

PRICING INFORMATION:  
Type Job: N<sub>2</sub> Foamed Oil Frac  
Total Nitrogen: 125,000 SCF

MILEAGE:  
Pump Truck \_\_\_\_\_ Units x \_\_\_\_\_ Miles=  
Trans. Truck \_\_\_\_\_ Units x \_\_\_\_\_ Miles=

TIME:  
Standard \_\_\_\_\_ Units @ \_\_\_\_\_ Hrs=  
Transport \_\_\_\_\_ Units @ \_\_\_\_\_ Hrs=  
Remote Subsistence: \_\_\_\_\_ Men @ \_\_\_\_\_ Days  
Standby Time \_\_\_\_\_ Hrs.

Max. WHP. 1200 I.S.I.P. 1100  
Total Fluid 110 TOTAL Total Sand 80 SX EACH  
BPM Fluid 5  
Inj. N<sub>2</sub> 4000 BN<sub>2</sub> 800 SCF Min.

PUMP CHARGE 2 wells 1000  
1st 50,000 N<sub>2</sub> 1500  
2nd 50,000 N<sub>2</sub>  
Additional SCF N<sub>2</sub>  
Chemicals  
Foamer 20 gal 100 12-1200  
TOTAL 3700

Time End  
ARRIVED LOCATION  
15 Setup  
28 N<sub>2</sub> pad  
39 NITRIFIED 55 GAL OIL  
at 4000 SCF/min with  
80 SX SAND & FLUSH.  
stop pumping- 55,000 N<sub>2</sub>  
ARRIVED LOCATION  
setup  
pumped N<sub>2</sub> pad,  
NITRIFIED 55 GAL OIL  
at 4000 SCF/min  
with 80 SX & FLUSH.  
stop pumping- 70,000 N<sub>2</sub>  
shut well in  
Left Location

I acknowledge receipt of above services and materials

INVOICE DATE / INVOICE NO.