

STATE OF KANSAS
STATE CORPORATION COMMISSION
200 Colorado Derby Building
Wichita, Kansas 67202

WELL PLUGGING RECORD
K.A.R.-82-3-117

API NUMBER 15-051-05972-0000

LEASE NAME York Bem "A"

WELL NUMBER 2

2310 Ft. from S Section Line

3630 Ft. from E Section Line

NW NE SW
SEC. 28 TWP. 11S RGE. 17 (E) or (W)

COUNTY Ellis

Date Well Completed 11-10-37

Plugging Commenced 04-09-90

Plugging Completed 04-16-90

TYPE OR PRINT
NOTICE: Fill out completely
and return to Cons. Div.
office within 30 days.

LEASE OPERATOR Phillips Petroleum Company

ADDRESS Route #3, Box 20-A, Great Bend, KS 67530

PHONE# (316) 793-8421 OPERATORS LICENSE NO. 5229

Character of Well Oil

(Oil, Gas, D&A, SWD, Input, Water Supply Well)

The plugging proposal was approved on April 9, 1990 (date)

by Dennis L. Hamel (KCC District Agent's Name).

Is ACO-1 filed? yes If not, Is well log attached? _____

Producing Formation Arbuckle Depth to Top 3420 Bottom NA T.D. 3429

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

Formation	Content	From	To	Size	Put In	Pulled out
Arbuckle	oil & water	surface	72'	15 1/2"	72'	0'
		surface	1158'	10 3/4"	1158'	0'
		surface	3420'	7"	3420'	0'

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from feet to feet each set.
Pumped in 7" casing: 450 sx cmt w/4 sx hulls. Max press 800 psi, SI 600 psi.
Pumped in 10 3/4" casing: 220 sx cmt w/2 sx hulls. Max press 900 psi, SI 400 psi.
Pumped in 15 1/2" casing: 0 sx cmt, max 1000 psi, SI 1000 psi. Cement 65/35 pozmix w/8% gel.
Top out 7" w/21 sx class a cmt & 12 1/2 sx in 7-10 3/4" annulus, SI 900 psi.
(If additional description is necessary, use BACK of this form.)

Name of Plugging Contractor Phillips Petroleum Company License No. 5229

Address Route #3, Box 20-A, Great Bend, KS 67530

NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: Phillips Petroleum Company

STATE OF Kansas COUNTY OF Barton, ss.

J. W. Taylor

(Employee of Operator) or (Operator)
above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed therewith, and the same are true and correct, so help me God.

(Signature) J. W. Taylor

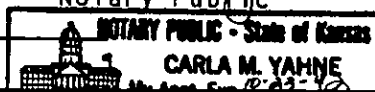
(Address) Route #3, Box 20-A, Great Bend, KS

SUBSCRIBED AND SWORN TO before me this 2nd day of May, 19 90

Carla M. Yahnke

Notary Public

My Commission Expires: 10-23-92



15-051-05 972.0000

P & A Procedure # 170-89

December 4, 1989
Great Bend, KS

York Bem "A" No. 2
NW NE SW Sec 33 - T11S - R17W
Ellis County, Kansas
Bemis Shutts Field, Arbuckle Formation

Charge Code 80-7154
Lease Code 350068
W.I. 75.00%
R.I. 65.625%

Elevation: 1923'
Casings: 15 1/2" set @ 72'
 10 3/4" set @ 1158'
 7" set @ 3420'

Total Depth: 3429'
Open Hole: 3420' - 3429' (Arbuckle Formation)

Objective: Plug shut down oil well by filling up with 65/35
Posmix - 8% gel. Cement required 836 sx cement and
279 bbls fresh water.

Procedure:

1. Notify KCC representative 24 hrs prior to beginning plugging operations - (Hays office 628-1200).
2. Determine depth of well with wireline to verify that cement will reach the bottom of the hole. If depths below 3420' are not reached, notify office for further instructions.
3. Move in and rig up cementing company.
Rig up to 7" casing, pump 6 sx hulls in 6 bbls water followed by 500 sacks 65/35 Posmix - 8% gel. (736 cu. ft. casing volume, 10% excess, 1.65 cu. ft./sack yield.)
Water volume @ 3 sx/bbl = 166 bbls fresh water.
4. Rig up to 7" - 10 3/4" annulus and pump into, if possible, with 220 sacks 65/35 Posmix - 8% gel.
5. Rig up to 10 3/4" - 15 1/2" annulus and pump into, if possible, with 116 sacks 65/35 Posmix - 8% gel.
Rig down and move out cementing company.
5. Check fillup in casings and outside of 15 1/2" csg. If necessary fill to surface w/ redimix.
6. Cut off casing 3' below ground level and weld on steel plate marked with "PPCo, well name, and date plugged."
7. Restore location.

CONSERVATION DIVISION
JAN 5 1990
Great Bend, Kansas

15-051-05972-0000

P. & A Procedure # 170-89

December 4, 1989
Great Bend, KS

York Bem "A" No. 2
NW NE SW Sec 33 - T11S - R17W
Ellis County, Kansas
Bemis Shutts Field, Arbuckle Formation

Charge Code 80-7154
Lease Code 350068
W.I. 75.00%
R.I. 65.625%

Elevation: 1923'
Casings: 15 1/2" set @ 72'
 10 3/4" set @ 1158'
 7" set @ 3420'

Total Depth: 3429'
Open Hole: 3420' - 3429' (Arbuckle Formation)

Objective: Plug shut down oil well by filling up with 65/35
Posmix - 8% gel. Cement required 836 sx cement and
279 bbls fresh water.

Procedure:

1. Notify KCC representative 24 hrs prior to beginning plugging operations - (Hays office 628-1200).
2. Determine depth of well with wireline to verify that cement will reach the bottom of the hole. If depths below 3420' are not reached, notify office for further instructions.
3. Move in and rig up cementing company.
Rig up to 7" casing, pump 6 sx hulls in 6 bbls water followed by 500 sacks 65/35 Posmix - 8% gel. (736 cu. ft. casing volume, 10% excess, 1.65 cu. ft./sack yield.)
Water volume @ 3 sx/bbl = 166 bbls fresh water.
4. Rig up to 7" - 10 3/4" annulus and pump into, if possible, with 220 sacks 65/35 Posmix - 8% gel.
5. Rig up to 10 3/4" - 15 1/2" annulus and pump into, if possible, with 116 sacks 65/35 Posmix - 8% gel.
Rig down and move out cementing company.
5. Check fillup in casings and outside of 15 1/2" csg. If necessary fill to surface w/ redimix.
6. Cut off casing 3' below ground level and weld on steel plate marked with "PPCo, well name, and date plugged."
7. Restore location.

COOPERATION DIVISION
JAN 5 1990
HAYS

15-051-05972-0000

YORK BEM A No. 2

Bemis 2-A

York State Oil Co., Inc.
Sample Examination: by:
Lerke & Whortan.
Elevation: 1923.
McPherson Drlg.Co. Contr.

Location: NW NE SW 28-11s-17w
Ellis County, Kansas.
Bemis Farm
Potential: 1974 (temporary)
Potential: 2506 (final) 1-20-38

From	To	Formation & Remarks
1160	1190	Drab anhydrite <u>Enid Group</u>
1190	1240	Mudstone
1240	80	Ditto (finely grained dolomitic sand)
80	1300	Mudstone
1300	10	Mudstone & some pink anhydrite
10	40	Gray anhydritic shale & pink anhydrite, trace reddish brown shale
40	1390	Mainly reddish brown shale & trace anhydrite <u>Wellington Group</u>
1390	1410	Gray shale & some anhydrite
1410	20	Gray & dark gray shale with some reddish brown shale, cave
20	90	Gray & dark gray shale, gray anhydrite <u>Salt Zone?</u>
1490	1530	Gray & dark gray shale & anhydrite, salt casts
1530	1700	Gray shale & anhydrite, salt casts abundant <u>Wellington Anhydrite</u>
1700	1730	Drab & light gray anhydrite & various colored shale
30	1810	Mainly light gray to white anhydrite & various colored shale <u>Marion</u>
1810	1820	Trace brown shale & drab anhydrite
20	30	Drab fine grained dolomite & various colored shale & anhydrite
30	40	Drab & brown fine grained dolomite & anhydrite
40	50	Drab dolomite & trace gray silty shale
50	70	Drab dolomite & greenish gray & brown shale 50 percent
70	1900	Brownish gray fine granular sucrose dolomite
1900	10	Trace dolomite & green & brown shale <u>Inta Winfield</u>
1910	1920	Light brownish gray fine granular dolomite, some various colored shale
20	40	Light brownish granular dolomite
40	50	Brown shale and light brownish granular dolomite
50	80	Brown shale, trace dolomite <u>Fort Riley</u>
1980	2000	Brownish gray granular dolomite & trace various colored shale
2000	10	Brown fine granular dolomite
2010	2020	Buff fine grained dolomite
2020	30	Light brownish gray mottled porous oolitic dolomitic lime

JAN 5 1951

McPherson Drlg. Co.

		<u>Fort Riley - continued</u>
2030	2060	Light gray mottled fossiliferous dolomitic lime
		<u>Florence Flint</u>
2060	2090	Fossiliferous cherty lime
		<u>Matfield Shale</u>
2090	2110	Trace dark gray & brown shale, cherty lime
2110	20	Mainly dark gray & brown shale, some gray lime
20	50	Gray mottled fossiliferous lime & trace shale
		<u>Wreford</u>
2150	2170	Light buff cherty fossiliferous lime
		<u>Council Grove</u>
2170	2180	Trace brown shale & buff & gray lime
80	90	Mainly brown & gray shale with some lime
90	2200	Light gray to white flaky lime & some various colored shale
2200	10	Light gray & buff fine granular lime
2210	20	Buff fine granular lime 60 percent, brown shale 40 percent
20	50	Brown shale 70 percent, buff lime 30 percent
50	60	Various colored shale, trace lime
60	70	Light gray fine granular lime 90 percent, various colored shale 10 percent
70	2300	Light gray & buff granular lime
2300	30	Brown shale & trace lime
		<u>Beva</u>
2330	2340	Light brownish & buff fine porous oolitic lime
40	60	Brown fine grained slightly cherty lime
60	70	Buff porous oolitic lime
70	90	Gray fine granular lime, trace gray shale
90	2410	Gray granular lime 50 percent, gray shale 50 %
2410	20	Dark gray fine grained lime & dark gray shale
		<u>Foraker Group</u>
20	40	Dark gray fossiliferous lime & trace shale
40	50	Gray fine granular slightly cherty lime
50	70	Gray fine granular fossiliferous lime
70	2500	Gray fossiliferous cherty lime & trace various colored shale
2500	10	Gray fine grained & shaly lime
		<u>Admiral Shale</u>
2510	2520	Trace gray fine grained lime & dark gray & greenish gray shale
20	30	Mainly dark gray & various colored shale, trace lime
30	50	Light gray to white fine grained lime 50 % dark
50	70	Dark gray & greenish gray shale
70	80	Dark gray to black fissile shale, trace white lime
80	2600	Dark gray fissile shale 65 %, light gray fossiliferous lime 35 %
2600	20	Dark gray fissile shale & trace lime

JAN 5 1910

GEORGE W. BROWN

15051-05972-0000

Admire Shale - continued

2620	2650	Gray fine grained dense lime & trace dark gray shale
30	40	Trace fine angular aggregates of sand, dark gray shale
40	50	Fine angular cemented sand & dark gray shale
50	60	Dark gray to black fissile shale
60	90	Trace light gray fine granular lime & dark gray fissile shale
90	2710	Light gray to white fine granular lime & dark gray shale
2710	30	Dark gray shale & trace fine micaceous sand
30	40	Light brown & drab fossiliferous lime 50 % dark gray shale 50 %
40	50	Dark gray shale 70 %, drab lime 30 %
50	60	Dark gray shale, trace lime
60	70	Dark gray shale 60 %, light gray fossiliferous lime 40 %
70	90	Light gray & drab fossiliferous lime 50 %, dark gray shale 50 %
90	2800	Dark gray & various colored shale & trace lime
2800	10	Gray fossiliferous fine granular lime 65 %, dark gray shale 35 %
10	50	Dark gray & various colored shale & trace lime
2850	2850	<u>Topeka Series</u> Drab fine grained lime & some dark gray shale
60	70	Drab fossiliferous lime & trace shale
70	2900	Drab & gray fossiliferous lime 70 %, dark gray shale 30 %
2900	20	Drab cherty lime, trace gray shale
20	40	Drab fine grained lime & trace chert
40	60	Drab fine granular fossiliferous lime
60	90	Brownish gray granular lime
90	3000	Light gray to white fine granular lime
3000	30	Light gray & white fine granular fossiliferous chert
30	40	Light gray lime 50 %, dark gray shale 50 %
40	60	Brownish gray granular slightly cherty lime
60	70	Brown fine granular lime with trace good saturation
70	80	Brown granular lime
80	3100	Light brownish granular cherty lime 50 %
3100	10	Light brownish granular lime 50 %, black shale
10	30	Light gray to white granular lime & trace various colored shale
3130	3150	<u>Lansing - Kansas City</u> Light gray granular fossiliferous lime & trace light saturation
50	60	Light gray granular lime & some various colored shale
60	70	Light gray drab granular lime
70	80	Light brownish fine granular lime with traces of good saturation <i>berke says work testing</i>

JAN 3 1910

15-051-05972-0000

		<u>Lansing - Kansas City - continued</u>	
3180	3190		Light brownish lime with only trace light saturation
	90	3200	Light brownish lime 70 %, various colored shale 30 %
3200	10		Light brownish granular oolitic lime
	10	20	Light gray granular lime
	20	50	Light gray to white granular slightly cherty lime
	30	50	Brownish gray fine porous lime with some fair saturation
3250	60		Light brownish drab dense lime
	60	90	Light gray & white granular lime
	90	3300	Drab fine grained lime 60 %, various colored shale 40 %
3300	30		Drab fossiliferous lime
	30	50	Drab & brown fine grained & dense lime
	50	80	Drab dense lime
	80	95	Ditto, trace various colored shale
			<u>Detrital Zone</u>
3395	3405		Dark gray & greenish gray shale, trace lime
			<u>Simpson</u>
3405	3410		Bright green shale 30 %, lime and various colored shale 70 %
	10	14	Bright green shale partly pyritic & trace lime
	14	18	Fine angular clusters of sand with fair saturation
	18	20	Fine angular clusters of sand and free sand and pyrite, greenish shale 50 % cave?
			<u>Siliceous Lime</u>
3420	3422		Brown coarsely crystalline dolomite with some good saturation
3422	3429		Brown coarsely crystalline fairly well saturated cherty dolomite

Hole filled up 2300 feet of oil in one hour and 25 minutes

Casing Record

15 1/2" Surface Casing 72 ft. Cemented 90 sacks
 10 3/4" Casing O. D. 1158 ft. Cemented 250 sacks
 7" O. D. Casing 3420 1/2' Cemented 150 sacks

Drilling Commenced: October 14, 1937

Drilling Completed: November 10, 1937 with Standard tools

JAN 5 1938

CONSERVATION DIVISION
 Kansas