

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 # 6854
Name Sohio Petroleum Co.
Address 50 Penn Place, Suite 1100
City/State/Zip Oklahoma City, OK 73118

Purchaser N/A

Operator Contact Person G.J. Plisga
Phone 405-848-7571

Contractor: License # 5418
Name Allen Drilling

Wellsite Geologist Steve Brachman
Phone 405-848-7571

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

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
8/8/85 8/30/85 8/31/85
Spud Date Date Reached TD Completion Date
3521' N/A
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 1,233 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet
If alternate 2 completion, cement circulated from feet depth to w/SX cmt

API NO. 15-051-24262
County Ellis
W/2 W/2 NE Sec. 33 Twp. 11 Rge. 17 East West

3960 Ft North from Southeast Corner of Section
2320 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

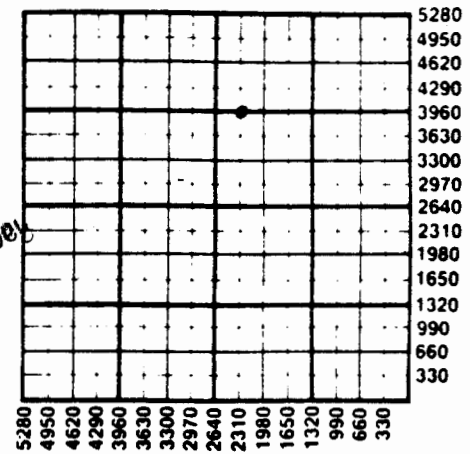
Lease Name Bemis Well # F-12

Field Name Bemis

Producing Formation Arbuckle

Elevation: Ground 1980 KB 1993

Section Plat



Geological Survey
WICHITA BRANCH
APR 23 1985

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket # N/A

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

Source of Water: N/A
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.....Ft North from Southeast Corner (Stream,pond etc).....Ft West from Southeast Corner Sec Twp Rge East West

Other (explain)....Provided by Contractor... (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

WST-11-85

89945

SIDE TWO

Operator Name Sohio Petroleum Co. Lease Name Bemis Well # F-12

Sec. 33 Twp. 11 Rge. 17 East West County Ellis

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.

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

DST #1 3485'-3507': BHT-108°, IHP 1760, IFP 35 psi, FFP 52 psi 10 min.. ISIP 52 psi, FSIP 330, 30 min.. 2nd flow: IFP 52 psi, FFP 70 psi, 30 min. ISIP 70 psi, FSIP 313 psi, 30 min.. FHP 1760 psi. Recovered 124' mud.

Name	Top	Bottom
Heebner	3180	3184
Toronto	3184	3224
Lansing-KC	3224	3507
Arbuckle	3509	3521 T.D.

DST #2 3485'-3511': BHT-103°, IHP 1743 psi, IFP 35 psi, FFP 35 psi, 10 min.. ISIP 35 psi, FSIP 400 psi, 30 min.. 2nd flow IFP 35 psi, FFP 52 psi, 30 min.. ISIP 52 psi, FSIP 312 psi, 30 min. FHP 1702 psi. Recovered 124' mud.

CASING RECORD New Used
 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	12 1/4"	8 5/8"	24# K-55	1233	HCL	350	3% cc 1/4# flocele
Intermediate	7 7/8"	5 1/2"	14# J-55	3510	Class A	115	1% Halad 10% salt 5% Calseal

PERFORATION RECORD New Used
 Specify Footage of Each Interval Perforated

Interval	Perforation Details	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
Open hole 3510'-21'	no fluid	100 gal 15% FE acid w/ 80 bbl SW	

TUBING RECORD
 Size N/A Set At Packer at Liner Run Yes No

33-11-170W
A

Copies to:

F. A. Wagner
M.A. Jeffers
G. D. Thompson
Mgr. Records/Land Dept.

SOHIO PETROLEUM COMPANY
50 Penn Place, Suite 1100
Oklahoma City, OK 73118

September 12, 1985

Copies to:

D. J. Pritchard
G. J. Plisga
R. N. Plummer
R. C. Alexander
K. J. Konrad
D. E. Wilson
File

33-11-17W
P & A PROCEDURE

Bemis 'F' #12
Bemis Pool
Ellis County, Kansas

AFE # 31 - 5108

3960' FSL & 2320' FEL, Sec 33-T 11 S, R 17 W

Elevation:

1980' GL

T.D.:

3521'

Casing:

8 5/8" set @ 1233' w/550sx
5 1/2" @ 3510' w/115sx

Zone

Open hole Arbuckle, 3510-21'

Procedure

Moved out Rotary 8-15-85

Note:

Notify Kansas Corporation Commission District Office at least 5 days prior to plugging..

1. MIRU service unit. Plug back w/sand to 50 ft. above open hole (to + 3460').
2. GIH W/bailer and dump 5 sx class A cmt. on top of sand.
3. RU casing pullers. Cut csg. w/ jet cutter @ + 2700'. Pull and lay down 5-1/2" csg. using thread protectors.
4. RU cementers and tie onto 8-5/8" csg. Mix and pump 175 sx class A cmt. with 4% CaCl₂, 20 sx gel, and 5 sx hulls. Have excess cement on location as extra cement may be required.
5. Shut-in for 24 hours.
6. Cut csg. off 4 ft. below GL, weld steel plate.
7. Restore location as necessary.

RECEIVED
STATE CORPORATION COMMISSION

SEP 30 1985

CONSERVATION DIVISION
Wichita, Kansas

OCT 07 1985

State Geological Survey
WICHITA BRANCH