

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 # SE17
Name Benson Mineral Group, Inc.
Address 1536 Cole Blvd., Suite 220
City/State/Zip Golden, CO 80401

Purchaser Panhandle Eastern Pipeline Co.
Box 1348
Kansas City, MO 64141

Operator Contact Person James S. Jameson
Phone 303-232-0100

Contractor: License #
Name B. & N. 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

4/5/78 4/12/78
Spud Date Date Reached TD Completion Date
4500' 4484'
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 350 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
Cement Company Name
Invoice #

API NO. 15-... 047-20359-0000

County Edwards

C-N $\frac{1}{2}$ -N $\frac{1}{2}$ -NW Sec. 10. Twp 26S. Rge. 16. East West

4950 Ft North from Southeast Corner of Section
3960 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

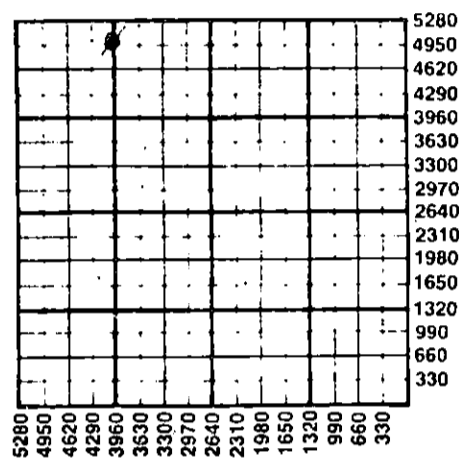
Lease Name Schultz Well # A-2

Field Name WIL

Producing Formation Kinderhook

Elevation: Ground 2068' KB 2078'

Section Plat



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 Ft North from Southeast Corner
(Stream, pond etc) 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 James S. Jameson
Title Vice President Date 8/12/86

SEE REMARKS
Subscribed and sworn to before me this 12th day of August
1986
Notary Public Bonnie L. Lange
Date Commission Expires MAY 29, 1988

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)
RECEIVED
Form ACO-1 (7/84)

Sec. 10 Twp. Range 16 Rge. 16

8-14-86 AUG 14 1986

SIDE TWO

Operator Name Benson Mineral Group, Inc. Lease Name Schultz Well # A-2

Sec. 10 Twp. 26S Rge. 16 East West County Edwards

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

Remarks: Original completion form filed at time of completion. Purpose of this filing is for NGPA purposes, as they would not accept form used at time well was drilled and completed.

Formation Description (continued)

Sandy Lime	3765	3840
Lime	3840	3910
Shale	3910	3960
Shale/Sand	3960	4020
Lime/Shale	4020	4160
Sandy Shale	4160	4240
Lime Sand	4240	4270
Shale	4270	4310
Lime/Sand	4310	4400
Sand/Lime	4400	4500

Name	Top	Bottom
Sand	0	150
Sand/Shale	150	257
Sandy Lime/Shale	257	460
Shale	460	780
Sand/Shale	780	965
Lime/Shale	965	1168
Anhydrite/Shale	1168	1480
Lime/Shale	1480	1840
Sandy Shale	1840	2261
Shale/Sand	2261	2680
Sandy Shale	2680	2750
Sandy Lime	2750	2845
Shale	2845	3110
Sandy Shale	3110	3460
Lime/Shale	3460	3575
Lime	3575	3610
Sand	3610	3685
Lime	3685	3714
Shale	3714	3765

CASING RECORD New Used (continued in left column.)
 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 1/2"	8-5/8"		350'	Common	325	2% gel, 3% C.C.
Production	7-7/8"	5 1/2"		4485'	60-40	100	10% salt

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	4389 - 4401'	Fract. w/20,000 #. 20-40 sd.	4389-4401'
		13,000 #. 10-20 sd.	

TUBING RECORD Size Set At Packer at Liner Run Yes No

Date of First Production 8/23/78 Producing Method Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	200 BOPD Bbls	500 MCF	Bbls	2500 CFPB	

METHOD OF COMPLETION Production Interval

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

