

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 # 6004
Name CALDWELL ENTERPRISES, INC.
Address BOX 42
City/State/Zip GARNETT, KANS. 66032

Purchaser ENRON

Operator Contact Person GLENN CALDWELL
Phone 913 448-3578

Contractor: License # 5820
Name KENT DRILLING CO.

Wellsite Geologist NONE
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 OMWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

..2-28-1988 ...3-1-1988...3-1-1988.
Spud Date Date Reached TD Completion Date
865 860
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 20 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet
If alternate 2 completion, cement circulated 118
from 860 feet depth to SURFACE 164 SX cmt
Cement Company Name CONSOLIDATED
Invoice # 00091712 73668 71902
9-6-88

API NO. 15-003-22.881.0000 3

County ANDERSON

NE SE SE Sec. 16 Twp. 21 Rge. 20 East West

700240
240780
Ft North from Southeast Corner of Section
Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

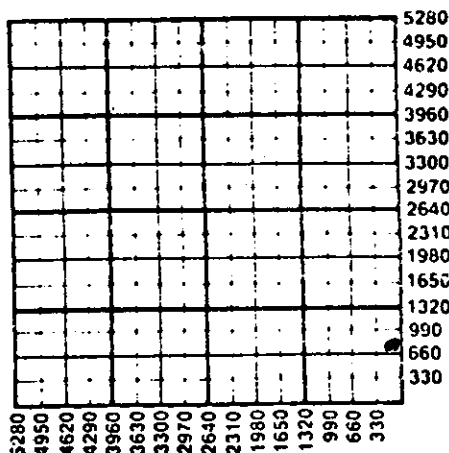
Lease Name PUGSLEY Well # E-22

Field Name BUSHCITY SHOESTRING

Producing Formation SQUIRREL

Elevation: Ground KB

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 Glenn Caldwell
Title President Date 8-11-88

Subscribed and sworn to before me this 11th day of August 1988.
Notary Public

Date Commission Expires 2-22-91

NOTARY PUBLIC
ROBERT W. ARCHER
My Appt. Exp. 2-22-91

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Time Log Received
Distribution
KCC SWD/Rep NGPA
KGS Plug Other (Specify)
8-15-88
Form ACO-1 (7-84)

See Perm 21 Rec 205

Operator Name CALDWELL ENTERPRISES, INC. Lease Name PUGSLEY Well # E-22

Sec. 16 Twp. 21 Rge. 20 East West County ANDERSON

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

Name Top Bottom

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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	11"	7"	14	20	PORTLAND	5	
CASING	5 5/8	3 1/2	9	860		108	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			Amount and Kind of Material Used			Depth
31	798 - 828			120 BLS JELLED WATER 6000 lbs 8 - 30 sand			
TUBING RECORD		Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input 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		
	2 Bbls	MCF	2 Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

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

STATION Chanute OPERATOR Tueson Guinotte

P.O. Box 884
Chanute, Kansas 66720
Phone (316) 431-9210

Ticket 71902

CONSOLIDATED OIL WELL SERVICES, INC.

Date	Customer's Acct. No.	Sec.	Twp.	Range	Well No. & Farm	Place or Destination
3-1-88	1807	16	20	21	Pugsley #E-22	Bush City Rd
Charge To				Owner		County
Caldwell Enterprises						Anderson
Mailing Address				Contractor		State
Box 42				Owned the plug down 800psi		Ks
City & State				Well Owner Operator Contractor		
Garnett Ks 66032				set floor shoe		

CEMENTING SERVICE DATA

TYPE OF JOB	CASING	HOLE DATA	PLUGS AND HEAD	PRESSURE	CEMENT LEFT IN CASING
Surface	New	Bore Size	Bottom	Circulating	Requested
Production	Used	5 5/8"	Top	100	
Squeeze	Size	Total Depth	Head	Minimum	Necessity
	3 1/2"	865'	P.C.	300	
Pumping	Weight	Cable Tool	FLOAT EQUIPMENT		Measured
			Sacks Cement		
Other	Depth	Rotary	Type & Brand		
	860	✓	118 stks 50/50 p02		
	Type		Admixes		
	EHE8		Portland "A"		
			2 1/2 gal		

FRACTURING - ACIDIZING SERVICE DATA

Type of Job	At Intervals of				
Bbls Fracturing Fluid	Breakdown Pressure from	psi to	psi		
Treating Pressures: Maximum	psi	Minimum	psi	Avg. Pump Rate	GPM/BPM Close In psi
Sand	Gals. Treating Acid	Type	Open Hole Diameter		
Well Treating Through: Tubing	Casing	Annulus	Size	Weight	
Remarks:					
No. Perforations	Pay Formation Name	Depth of Job			Ft

CEMENTING INVOICE SECTION FRACTURING - ACIDIZING

CEMENTING	INVOICE SECTION	FRACTURING - ACIDIZING
Pumping Charge <u>1 cement</u>	Office Use \$	Pumping Charge Office Use \$
Pumping Charge <u>50/50 p02</u> @ <u>5401</u>	\$ <u>375.00</u>	@
118 Sacks Bulk Cement @ 1101	619.50	12x30 Sand @
Ton Mileage on Bulk Cement <u>30</u> @ 6401	125.67	10x20 Sand @
<u>2 stks</u> Premium Gel @ 1301	13.80	x Sand @
Flo-Seal @		Ton Mileage @
Calcium Chloride @		Gals., Acid @
<u>1-3 1/2"</u> Plug @ 4406	19.00	Chemicals @
Equipment @		@
@		@
@		@
@		@
@		@
@		@
@		@
@		@
Granulated Salt @		Potassium Chloride @
Transport Truck (Hrs.) @		Rock Salt @
Vac Truck (Hrs.) @		Water Gel @
@		Transport Truck (Hrs.) @
@		Vac Truck (Hrs.) @
@		@
Tax	<u>32.62</u>	Tax

A Finance Charge computed at 1 1/4% per month (annual percentage rate of 21%) will be added to balance over 30 days.

Total \$ 1185.51 Total \$

Mar. 7, 1988

GALLWELL ENTERPRISES
PUGSLEY 1- 22

8	Soil & rock	8	6 5/8 set @ 20' & cemented to surface.
42	Lime	50	3 1/2 set @ 860.60 & cemented to surface.
158	Shale	203	
32	Lime	240	Good oil sand 612 to 618 light show.
61	Shale	301	802 to 802.50 solid oil sand.
60	Lime	361	802.50 to 811 shale.
9	Shale	370	811 to 819 broken oil sand.
32	Lime	402	819 to 821 shale.
5	Shale	407	821 to 830 good oil sand showing some
15	Lime	422	oil showing could be some water.
167	Shale	589	
18	Lime	607	
59	Shale	666	
6	Lime	672	
20	Shale	692	
4	Lime	696	
14	Shale	710	
4	Lime	714	
6	Shale	720	
3	Lime	728	
25	Shale	753	
2	Lime	755	
37	Shale	792	
3	Sandy shale	800	
30	Oil sand	830	
35	Shale	865	T.D.

RECEIVED
STATE CORPORATION COMMISSION

AUG 15 1988

CONSERVATION DIVISION
Wichita, Kansas