



UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION
ATOMIC SAFETY AND LICENSING BOARD

In the Matter of

CROW BUTTE RESOURCES, INC.

(Marsland Expansion Area)

Docket No. 40-8943-MLA-2

ASLBP No. 13-926-01-MLA-BD01


Hearing Exhibit

Exhibit Number:

Exhibit Title:

Chicoine 1 Oil and Gas Well Plugging Record

Nebraska Oil and Gas Conservation Commission
Form 6

PLUGGING RECORD									
Instructions: Within thirty days following the plugging of a dry hole, or the abandonment of a producing well, the owner or operator shall submit this form in duplicate for wells on patented or Federal lands, and in triplicate for wells on State lands. Geological information will be held confidential for a period of twelve months if requested in writing. Fill out form as completely as possible.									
Operator <div style="display: flex; justify-content: space-between;"> Petronomics, Inc. <i>L. L. Chicoine</i> </div>									
Address 3603 Westcenter Drive, Houston, Texas 77042									
Well Number 1	Lease Name Vernon P. Chicoine	Field and reservoir (If wildcat, so state) Niobrara							
Location NW/4 NW/4 Sec. 30 Twp. 30N Range 50W County Dawes									
Footage Location ft. from (N) (S) line, ft. from (E) (W) line of 1/4									
Spud Date 10-28-81	Date reached T.D. 10-31-81	Date Plugged 11-1-81	Total Depth 2641	P. B. T. D.					
Elevation 4455 Reference (indicate) <input checked="" type="checkbox"/> (B) <input type="checkbox"/> (GL) <input type="checkbox"/> (D)		Producing rate on initial completion <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; border-bottom: 1px solid black;">Oil (bbls/day)</td> <td style="width: 33%; border-bottom: 1px solid black;">Gas (MCF/day)</td> <td style="width: 33%; border-bottom: 1px solid black;">Water (bbls/day)</td> </tr> </table>					Oil (bbls/day)	Gas (MCF/day)	Water (bbls/day)
Oil (bbls/day)	Gas (MCF/day)	Water (bbls/day)							
Application to drill this well was filed in name of: Petronomics, Inc.		Producing rate at time of abandonment <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; border-bottom: 1px solid black;">Oil (bbls/day)</td> <td style="width: 33%; border-bottom: 1px solid black;">Gas (MCF/day)</td> <td style="width: 33%; border-bottom: 1px solid black;">Water (bbls/day)</td> </tr> </table>					Oil (bbls/day)	Gas (MCF/day)	Water (bbls/day)
Oil (bbls/day)	Gas (MCF/day)	Water (bbls/day)							
CONDITION OF HOLE									
Name each formation containing oil or gas. Indicate which formations open to well bore at time of plugging.		Fluid Content	Depth Interval	Size, kind and depth of plugs used. Indicate zones squeeze cemented giving amount of cement.					
Niobrara		water	2130'	Cement Plug 1900 - 2100'					
			484	Cement Plug 450 - 500'					
				Cement Plug 5 - 50'					
Size, kind and depth of any additional plugs									
CASING RECORD									
Size casing in O. D.	Weight lbs./ft.	Setting Depth	Sacks Cement	Amount Recovered	Amount left in well	Method of parting (shot, ripped, etc.)			
8 5/8	24	484	500		484				
Was hole filled with mud-laden fluid? yes									
If this well was plugged back for use as a fresh water well, give pertinent details of plugging operations to base of fresh water sand. Attach letter from surface owner authorizing completion of this well as a fresh water well and agreeing to assume full liability for subsequent plugging which may be required.									
I/We hereby swear or affirm that the statements herein made are complete and correct.									
NO CORES NO TESTS NO LOGS LOST HOLE (If new log on well)		<div style="text-align: center;">  </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div> <i>L. L. Chicoine</i> Signature Vice Pres. March 18, 1982 Date </div> </div>							

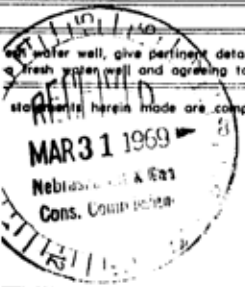
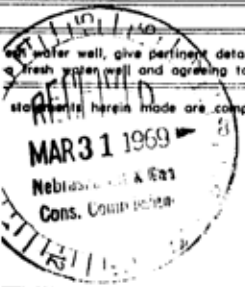
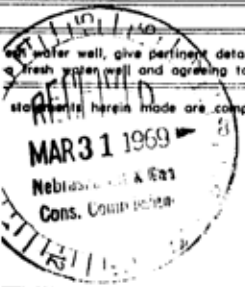
Chicoine 1-A Oil and Gas Well Plugging Record

Nebraska Oil and Gas Conservation Commission
Form 6

PLUGGING RECORD						
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Operator <div style="text-align: center;">PETRONOMICS, Inc.</div>						
Address <div style="text-align: center;">630 N. Federal Highway, Suite 402, North Palm Beach FL 33408</div>						
Well Number 1-A	Lease Name Chicoine	Field and reservoir (if wildcat, so state) Wildcat				
Location SW/NW Sec. 30 Twp. 30N Range 50W County Dawes						
Footage Location 1820 ft. from (N) 00 line, 660 ft. from (E) (W) line of Sec. 30 T30N 1/4 R50W						
Spud Date 11-3-81	Date reached T.D. 11-7-81	Date Plugged 8-9-82	Total Depth 3069	P. B. T. D.		
Elevation 4490 (KB) NNXXK		Producing rate on initial completion Oil (bbbls/day) Gas (MCF/day) Water (bbbls/day)				
Application to drill this well was filed in name of: Petronomics, Inc.		Producing rate at time of abandonment Oil (bbbls/day) Gas (MCF/day) Water (bbbls/day)				
CONDITION OF HOLE						
Name each formation containing oil or gas. Indicate which formations open to well bore at time of plugging.		Fluid Content	Depth Interval	Size, kind and depth of plugs used. Indicate zones squeeze cemented giving amount of cement.		
				20 sack cement plug		
				0-30 feet and		
				470-500 feet		
Size, kind and depth of any additional plugs						
CASING RECORD						
Size casing in O. D.	Weight lbs./ft.	Setting Depth	Sacks Cement	Amount Recovered	Amount left in well	Method of parting (shot, ripped, etc.)
4 1/2"	10.5	2633	175	1175	1458	shot
Was hole filled with mud-laden fluid? Yes						
If this well was plugged back for use as a fresh water well, give pertinent details of plugging operations to base of fresh water sand. Attach letter from surface owner authorizing completion of this well as a fresh water well and agreeing to assume full liability for subsequent plugging which may be required.						
I/We hereby swear or affirm that the statements herein made are complete and correct.						
(If new dry hole, complete well log on reverse side of form)		<div style="display: flex; align-items: center;"> <div> <div style="text-align: center;"> A.B. McClelland President </div> <div style="text-align: center;"> Title 8-23-82 Date </div> </div> </div>				

Hollibaugh 1 Oil and Gas Well Plugging Record

Nebraska Oil and Gas Conservation Commission
Form 6

PLUGGING RECORD								
<p><small>Instructions: Within thirty days following the plugging of a dry hole, or the abandonment of a producing well, the owner or operator shall submit this form in duplicate for wells on patented or Federal lands, and in triplicate for wells on State lands. Geological information will be held confidential for a period of twelve months if requested in writing. Fill out form as completely as possible.</small></p>								
<p>Operator GABLE DRILLING CO., INC. --- Joe Josephson & V. E. Autry</p>								
<p>Address 508 Patterson Bldg., Denver, Colo. 80202</p>								
Well Number 1	Lease Name Hollibaugh	Field and reservoir (If wildcat, so state) Wildcat						
Location NE NE Sec. 12 Twp. 29 N Range 51 W					County Dawes			
Footage Location 660 ft. from (N) <input checked="" type="checkbox"/> line, 660 ft. from (E) <input checked="" type="checkbox"/> line of Northeast $\frac{1}{4}$ section								
Spud Date 1-13-69	Date reached T.D. 1-17-69	Date Plugged 1-18-69	Total Depth 3295 dlr. 3283log	P. B. T. D. NA				
Elevation 4244 KB 4236 GL		<p>Reference (indicate) (KB) (GL) (DF)</p> <p>Producing rate on initial completion</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Oil (bbls/day) NA</td> <td style="width: 33%;">Gas (MCF/day)</td> <td style="width: 33%;">Water (bbls/day)</td> </tr> </table>				Oil (bbls/day) NA	Gas (MCF/day)	Water (bbls/day)
Oil (bbls/day) NA	Gas (MCF/day)	Water (bbls/day)						
Application to drill this well was filed in name of:		<p>Producing rate at time of abandonment</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Oil (bbls/day) NA</td> <td style="width: 33%;">Gas (MCF/day)</td> <td style="width: 33%;">Water (bbls/day)</td> </tr> </table>				Oil (bbls/day) NA	Gas (MCF/day)	Water (bbls/day)
Oil (bbls/day) NA	Gas (MCF/day)	Water (bbls/day)						
CONDITION OF HOLE								
Name each formation containing oil or gas. Indicate which formations open to well bore at time of plugging.		Fluid Content	Depth Interval	Size, kind and depth of plugs used. Indicate zones squeeze cemented giving amount of cement.				
Muddy - J, Zone3		Water	2810-2930	#1 35 sacks cement				
Tertiary sands & gravels		Water	280-310	#2 10 sacks cement				
Top plug omitted at landowner's request for his conversion into a domestic water well.								
Size, kind and depth of any additional plugs Heavy drilling mud between cement plugs.								
CASING RECORD								
Size casing in O. D.	Weight lbs./ft.	Setting Depth	Amount Recovered	Amount left in well	Method of parting (shot, ripped, etc.)			
8 5/8	24#	216' KB	none	208'	NA			
Was hole filled with mud-laden fluid?								
<table border="0" style="width: 100%;"> <tr> <td style="width: 30%;"> Niobrara Shale Codell sandstone Greenhorn limestone Bentonite Marker Muddy J Zone 1 Zone 2 Zone 3 Zone 4 Cheyenne sandstone </td> <td style="width: 10%;"> 1913 2224 2465 2595 2731 2771 2848 2927 3132 </td> <td style="width: 60%;"> <p>on water well, give pertinent details of plugging operations to base of fresh water sand. Attach letter from surface of fresh water well and agreeing to assume full liability for subsequent plugging which may be required.</p> <p>statements herein made are complete and correct.</p> <div style="text-align: center;">  </div> </td> </tr> </table>						Niobrara Shale Codell sandstone Greenhorn limestone Bentonite Marker Muddy J Zone 1 Zone 2 Zone 3 Zone 4 Cheyenne sandstone	1913 2224 2465 2595 2731 2771 2848 2927 3132	<p>on water well, give pertinent details of plugging operations to base of fresh water sand. Attach letter from surface of fresh water well and agreeing to assume full liability for subsequent plugging which may be required.</p> <p>statements herein made are complete and correct.</p> <div style="text-align: center;">  </div>
Niobrara Shale Codell sandstone Greenhorn limestone Bentonite Marker Muddy J Zone 1 Zone 2 Zone 3 Zone 4 Cheyenne sandstone	1913 2224 2465 2595 2731 2771 2848 2927 3132	<p>on water well, give pertinent details of plugging operations to base of fresh water sand. Attach letter from surface of fresh water well and agreeing to assume full liability for subsequent plugging which may be required.</p> <p>statements herein made are complete and correct.</p> <div style="text-align: center;">  </div>						
<p>No cores or tests.</p> <div style="text-align: right;"> <p><i>Robert L. Kramer</i> Geologist Title March 28, 1969 Date</p> </div>								

Porter 1 Oil and Gas Well Plugging Record

AUG 2 1956

NO LOGS RUN

PLUGGING AFFIDAVIT—STATE OF NEBRASKA

INSTRUCTIONS: Fill in completely as possible one copy and mail to Nebraska Geological Survey, Nebraska Hall, University of Nebraska, Lincoln, Nebraska within 15 days after plugging (Revised Statutes of Nebraska, 1943, sections 57-213 to 57-217, amended by Legislative Bill 433, 62nd Session, Legislature of Nebraska.) Underline applicable words or letters, cross out those not applicable.

Lease Name PORTER Well No. 1

Legal Description Location (Example: C N/3-NE/4-NE/4):

Q SE/4SE/4 Sec. 20, Twp. 30N No. Rge. 51W QSE (W); County Dawson
660 Ft. 300 (W) of 300 (E) line; 660 Ft. (N) 300 of 300 (S) line of SE/4

Operating Company Tom Potter

Complete Mailing Address 1032 Life of America Bldg., Dallas, Texas

Contractor Potter Drilling Co.

Complete Mailing Address 1032 Life of America Bldg., Dallas, Texas

Drilled with (cable) (rotary) tools. Spudding date 2/23/56; completion date 3/29/56; plugging date 3/28/56

Surface Pipe Data: Casing (new) ~~XXXX~~ Size 10-3/4" in. Weight 32.75 lbs.

Amount Set 290 ft.; Cement used 130 sac; kind Regular

Surface Hole Data: Size of hole 13-3/4 in.; Depth of hole 262 1/2 ft.

Total Depth of hole 3779 ft. (Attach electric log - None Made) Elevation ground

Nature of Well: (wildcat) ~~XXXXXXXXXXXXXXXXXXXX~~ derrick floor
Kelley bushing

Reason for Abandonment Fishing Job and Dry

Casing record other than surface pipe (indicate amount, size and weight of each string run, how set or cemented, whether pulled or left in hole and where cut if partially pulled)

Plugging Record (state in detail each step in plugging procedure)

Left 385' of pipe in hole
Put 50 sacks of cement at 3394'
Put 20 sacks of cement at 2550'
Put 15 sacks of cement at 262'
Put 5 sacks of cement at surface pipe

Plugging Procedure Approved by Bill Painter Date March 29, 1956
(insert "blanket approval" in case of fields or areas where standard plugging procedure has been approved by the Nebraska Geological Survey)

Name of Witness to Plugging Bill Painter Address Chadron, Nebraska

AFFIDAVIT

I, Tom Potter of the Potter Drilling Company
Company, being first duly sworn on oath, state That I have knowledge of the facts, statements and matters herein contained and that the same are true and correct.

Tom Potter

In Witness whereof I hereinbefore set my hand and affix my official seal this 31st day of

July 19 56

My commission Expires: 6/1/57

Lorenville S. Miller
Notary Public
Dallas County, Texas

No Log Available

Royal 1 Oil and Gas Well Plugging Record

PLUGGING AFFIDAVIT—STATE OF NEBRASKA

INSTRUCTIONS: Fill in as completely as possible one copy and mail to Nebraska Geological Survey, Nebraska Hall, University of Nebraska, Lincoln, Nebraska within 18 days after plugging (Revised Statutes of Nebraska, 1943, sections 57-213 to 57-217, amended by Legislative Bill 433, 62nd Session, Legislature of Nebraska.) Underline applicable words or letters, cross out those not applicable.

Lease Name Roscoe Royal Well No. 1

Legal Description Location (Example: C N/2-NE/4-NE/4):

Q SW SW Sec. 23, Twp. 30 No., Rge. 51 (E) (W); County Daves
860 Ft. (E) (W) of (W) (E) line; 960 Ft. (N) (S) of (S) (N) line of SW 1/4

Operating Company Gulf Oil Corporation

Office Address 134 E. Midwest Ave., Casper, Wyoming

Contractor Dunbar Drilling Company

Office Address Denver, Colorado

Drilled with (rotary) tools. Spudding date 12-15-52; completion date 1-23-53

Surface Pipe Data: Casing (new) (used) Size 10-3/4 in. Weight 32.75 lbs.

Amount Set 377 ft.; Cement used 250 sax; kind Ash Grove Reg. Portland

Surface Hole Data: Size of hole 13-3/4 in.; Depth of hole 109 ft.

Total Depth of Hole 3956 ft. (Attach electric log or driller's log) Elevation: 4465' ground

Nature of Well: (wildcat) (field well offset) (abandoned producer) 4466' derrick floor

Reason for Abandonment Dry Hole 4469' Kelly bushing

Casing record other than surface pipe (indicate amount, size and weight of each string run, how set or cemented, whether pulled or left in hole and where cut if partially pulled) NONE

Plugging Record (state in detail each step in plugging procedure) Filled hole with heavy mud from total depth to 400', placed 40 sacks cement plug from 400' to 320', heavy mud from 320' to 22', 10 sacks cement plug from 22' to bottom of cellar.

Plugging Procedure Approved by E. C. Read Date 1-22-53
 (Insert "blanket approval" in case of fields or areas where standard plugging procedure has been approved by the Nebraska Geological Survey)

Name of Witness to Plugging F. H. Frederick Address 740 South 15th St.
Worland, Wyoming

AFFIDAVIT

I, Lester LaFavour of the Gulf Oil Corporation Company, being first duly sworn on oath, state: That I have knowledge of the facts, statements and matters herein contained and that the same are true and correct.

Lester LaFavour

In Witness whereof I hereinbefore set my hand and affix my official seal this 26th day of

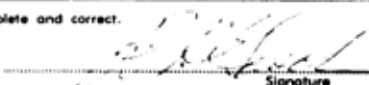
January, 1953.

My commission Expires: Jan. 5 - 1957

Bill J. Parker
 Notary Public

Smith 1-A Oil and Gas Well Plugging Record

Nebraska Oil and Gas Conservation Commission
Form 6

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Operator Toltek Drilling Company & O.N. Beer					
Address 340 Denver Club Bldg., Denver, Colorado 80202					
Well Number 1-A	Lease Name Smith	Field and reservoir (If wildcat, so state) wildcat			
Location NE NE		Sec. 29	Twp. 29 N	Range 50 W	County Dawes
Footage Location 640 ft. from (N) 1/2 line, 710 ft. from (E) 1/4 line of NE 1/4					
Spud Date 2-11-69	Date reached T.D. 2-14-69	Date Plugged 2-14-69	Total Depth 2901'	P. B. T. D.	
Elevation 4106'	Reference (indicate) 2000' (GL) 2005'		Producing rate on initial completion		
		Oil (bbls/day)	Gas (MCF/day)	Water (bbls/day)	
Application to drill this well was filed in name of: Toltek Drilling Company			Producing rate at time of abandonment		
		Oil (bbls/day)	Gas (MCF/day)	Water (bbls/day)	
CONDITION OF HOLE					
Name each formation containing oil or gas. Indicate which formations open to well bore at time of plugging.		Fluid Content	Depth Interval	Size, kind and depth of plugs used. Indicate zones squeeze cemented giving amount of cement.	
Size, kind and depth of any additional plugs 10 sacks top of surface casing 15 sacks bottom of casing					
CASING RECORD					
Size casing in O. D.	Weight lbs./ft.	Setting Depth	Amount Recovered	Amount left in well	Method of parting (shot, ripped, etc.)
Was hole filled with mud-laden fluid? Yes					
If this well was plugged back for use as a fresh water well, give pertinent details of plugging operations to base of fresh water sand. Attach letter from surface owner authorizing completion of this well as a fresh water well and agreeing to assume full liability for subsequent plugging which may be required.					
I/We hereby swear or affirm that the statements herein made are complete and correct.					
(If new dry hole, complete well log on reverse side of form)		<div style="text-align: right;">  Signature Executive Vice President Title February 17, 1969 Date </div>			