

ORIGINAL

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

Operator: License # 5091  
Name: Howell Oil Company, Inc.  
Address RR 1 Box 22  
Burton, KS 67020-2091  
City/State/Zip  
Purchaser: Conoco  
Operator Contact Person: Steve Howell  
Phone (316) 463-2609  
Contractor: Name: Duke Drilling Co., Inc.  
License: 5929  
Wellsite Geologist: Arden Ratzlaff  
Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIDW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, MSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBDT  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_  
02-26-96 03-02-96 03-02-96  
Spud Date Date Reached TD Completion Date

API NO. 15-155-21379 0000  
County Reno County, Kansas  
C-W/2 W/2 SE Sec. 13 Twp. 23S Rge. 4  W  
1320 Feet from  NW (circle one) Line of Section  
2310 Feet from  EW (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
NE,  SE NW or SW (circle one)  
Lease Name Dole Well # I  
Field Name Burton  
Producing Formation Mississippi  
Elevation: Ground 1468' KB \_\_\_\_\_  
Total Depth 3785 PBDT \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 276' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cat.

Drilling Fluid Management Plan ALT 1 JH 1-27-97  
(Data must be collected from the Reserve Pit)  
6-20-96  
Chloride content 19,000 ppm Fluid volume 2300 bbls  
Dewatering method used Vacuum truck  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name Howell Oil Co.  
Lease Name Pizinger #1 SWD License No. 5091  
NW Quarter Sec. 18 Twp. 23S S Rng. 4  EW  
County Harvey Docket No. E 26, 100

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidentially 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. 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 Steve Howell  
Title President, Howell Oil Co. Date 6/19/96  
Subscribed and sworn to before me this 19<sup>th</sup> day of June  
1996  
Notary Public Jewell A. Rayl  
Date Commission Expires June 2<sup>nd</sup> 1998

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)

JEWELL A. RAYL  
Notary Public - State of Kansas  
My Appt. Expires 6/2/98

14710100

SIDE TWO

Operator Name Howell Oil Company Inc.

Lease Name Dole Well # 1

Sec. 13 Twp. 23S Rge. 4  
 East  
 West

County Reno County, Kansas

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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Mississippian	3262	(-1788)
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Hunton	3640	(-2166)
List All E.Logs Run:		Simpson	3773	(-3299)
Gamma Ray Neutron				

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	17-1/2"	13-3/8"	45#	276'	60/40 Poz	250	3%cc 2%gel
Production	7-7/8"	5-1/2"	14#	3500'	60/40 Poz	150	

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type	Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
2	3318 - 3322	1,000 gal. 15%	3318-22

TUBING RECORD	Size <u>2 7/8"</u>	Set At <u>3350'</u>	Packer At <u>None</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
<u>3-28-96</u>				
Estimated Production Per 24 Hours	Oil Bbls. <u>13</u>	Gas Mcf <u>None</u>	Water Bbls. <u>260</u>	Gas-Oil Ratio <u>None</u> Gravity <u>39.5</u>

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.) None

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval: 3318'-3322'



## GENERAL TERMS AND CONDITIONS

All prices are exclusive of any Federal, State or Special Taxes for the sale or use of merchandise or service listed. The amount of taxes required to be paid by the seller shall be added to the quoted prices payable by the buyer.

Unless satisfactory credit has been established, cash payment will be required in advance.

We will make reasonable attempt to get to and from the well under our own power. Should we be unable to do so because of poor or inadequate road conditions, and it becomes necessary to employ a tractor or other pulling equipment, such equipment will be supplied by the customer, or if furnished by us, the cost will be charged to the customer.

We endeavor to design and maintain our equipment to safely service properly drilled and conditioned wells. We carry public liability and property damage insurance, but as there are so many uncertain and unknown conditions not subject to control, we can neither be liable for injuries to property or persons nor for loss or damage arising from the performance of our services or resulting therefrom.

In the event equipment or tools are lost in rendering our services, the customer agrees to make reasonable attempt to recover same. If not recovered, customer agrees to reimburse us for their value.

If a material service is ordered and the customer cancels same after the solution has been prepared, a charge will be made to the customer for the expenses incurred.

Unless otherwise specified, a dead haul charge of \$1.25 per mile, one way, will be made for each service unit ordered but not used.

All prices are subject to change without notice.

All unpaid bills are subject to interest after 60 days from date of invoice.

SERVICE TICKET

UNITED CEMENTING & ACID CO., INC.

№ 2662

BOX 712

EL DORADO, KANSAS 67042

PHONE AC 316-321-4680

DATE \_\_\_\_\_ COUNTY \_\_\_\_\_

CHG. TO: \_\_\_\_\_ ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE **ORIGINAL** ZIP \_\_\_\_\_

LEASE & WELL NO. \_\_\_\_\_ SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RNG. \_\_\_\_\_

CONTRACTOR \_\_\_\_\_ TIME ON LOCATION \_\_\_\_\_

KIND OF JOB \_\_\_\_\_

SERVICE CHARGE: \_\_\_\_\_ **300.00**

QUANTITY	MATERIAL USED	TYPE		
60	Say 60-40 per min latex	(a)	15.00	900.00 *
115	Say 60-40 per min	(a)	4.10	471.50 *
4	Say Gel	(a)	8.25	33.00 *
1	5/8 Guide Shoe std			52.50 *
1	5/8 A.P. chuck valve std			145.00 *
5	5/8 Centralizer	(a)	2.90	145.00 *
179	BULK CHARGE Say	(a)	.82	146.78 *
58	BULK TRK. MILES (9 tons x 60 x 58 miles)			313.20 *
	PUMP TRK. MILES			
1-5/8	Cement Basket	(a)		115.00 *
1-5/8	PLUGS top Rubber plug	(a)		49.00 *
	SALES TAX			141.66
	TOTAL			<b>3,342.64</b>

T. D. \_\_\_\_\_

CSG. SET AT \_\_\_\_\_ VOLUME \_\_\_\_\_

SIZE HOLE \_\_\_\_\_

TBG SET AT \_\_\_\_\_ VOLUME \_\_\_\_\_

MAX. PRESS. \_\_\_\_\_

SIZE PIPE \_\_\_\_\_

PLUG DEPTH \_\_\_\_\_

PKER DEPTH \_\_\_\_\_

PLUG USED \_\_\_\_\_

TIME FINISHED \_\_\_\_\_

REMARKS: \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

EQUIPMENT USED

NAME	UNIT NO.	NAME	UNIT NO.

CEMENTER

OWNER'S REP

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