

ORIGINAL

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

Operator: License # 5091

Name: Howell Oil Company

Address R.R. 1 Box 22

City/State/Zip Burrton, Kansas 67020-2091

Purchaser: _____

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 S10W Temp. Abd.

Gas ENHR S16V

Dry Other (Core, USW, 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 PBTB

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

08-07-96 08-11-96 08-12-96

Spud Date Date Reached TD Completion Date

API NO. 15- 155-21397 0000

County Reno County, Kansas

C-S/2-SW SE Sec. 13 Twp. 23S Rgs. 4 XX^E

330 Feet from (S)N (circle one) Line of Section

1980 Feet from (E)W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, (SE) NW or SW (circle one)

Lease Name Dole Well # 3

Field Name Burrton

Producing Formation None

Elevation: Ground 1468 KB 1476

Total Depth 3642' PBTB 3750'

Amount of Surface Pipe Set and Cemented at 260 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 cmt.

Drilling Fluid Management Plan P+A, 3-2-98 U.C.
(Data must be collected from the Reserve Pit)

Chloride content 19,000 ppm Fluid volume 2300 bbls

Dewatering method used Vacuum truck Rice

Location of fluid disposal if hauled offsite: 6-4-96

Operator Name Howell Oil Company, Inc.

Lease Name Pizinger #1 SWD License No. 5091

NW Quarter Sec. 18 Twp. 23S S Rng. 3 XX^E

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 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 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.

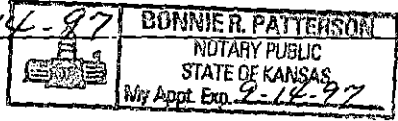
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Steve Howell
Title President, Howell Oil Co. Date _____

Subscribed and sworn to before me this 19th day of November, 19 96.

Notary Public Jimmie L. Patterson

Date Commission Expires 9-14-97



K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/> Letter of Confidentiality Attached	
C	<input type="checkbox"/> Wireline Log Received	
C	<input checked="" type="checkbox"/> Geologist Report Received	
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
		<input type="checkbox"/> NGPA
		<input type="checkbox"/> Other
		(Specify)

Operator Name Howell Oil Company, Inc. Lease Name Dole Well # 3
 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 checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input 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	3256	(-1783)
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Hunton	3640	(-2167)
List All E.Logs Run:				

CASING RECORD <input type="checkbox"/> New <input checked="" 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"	48#	260'	60/40 Poz	250	3%cc 2%gel
Production	7-7/8"	5-1/2"	14#	3448'	60/40 Poz	150	2%gel ^{50sx w/} latex

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 checked="" type="checkbox"/> Plug Off Zone	3314-18	Class A	167	8 sax chloride, 5 sax gel

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth	
		2	3314-18
2	3302 - 06	750 gal. 15% NE	3302-06
2	3269 - 72	1,000 gal. 15% NE	3269-72

TUBING RECORD		Size	Set At	Packer At	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 type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	<i>N/A</i>				

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 _____

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.

ORIGINAL

№ **3328**

BOX 712

EL DORADO, KANSAS 67042

PHONE AC 316-321-4669

DATE 1-7-96 COUNTY Rawl

CHG. TO: John Marshall ADDRESS _____

CITY _____ STATE _____ ZIP _____

LEASE & WELL NO. 122 43 SEC. _____ TWP. _____ RNG. _____

CONTRACTOR United TIME ON LOCATION 6:30 PM

KIND OF JOB Graveling SP HW

SERVICE CHARGE: _____ 375.00

QUANTITY	MATERIAL USED	TYPE		
250	50# 60-40 Perlite	⊙	4.25	1,062.50 ✓
8	50# Perlite	⊙	24.00	192.00 *
5	50# Gel	⊙	8.25	41.25 *
263	BULK CHARGE 50#	⊙	.84	220.92 *
59	BULK TRK. MILES (13 tons x 4.59 miles)			475.54 *
	PUMP TRK. MILES			
1-13 3/4	PLUGS top wooden plug	⊙		63.00 *
	SALES TAX			121.26
	TOTAL			2,551.47

T.D. 260' CSG. SET AT 60' VOLUME _____

SIZE HOLE 17 1/2" TBG. SET AT _____ VOLUME _____

MAX. PRESS. _____ SIZE PIPE 15 1/2"

PLUG DEPTH 350' PKER DEPTH _____

PLUG USED 1 1/2" Marshall & Robinson TIME FINISHED 9:30 PM

REMARKS:
250 lbs. 60-40 Perlite
8 lbs. Perlite
5 lbs. Gel
263 lbs. Bulk Charge
59 miles Bulk Trk. Miles
13 wooden plugs

EQUIPMENT USED

NAME _____ UNIT NO. _____ NAME _____ UNIT NO. _____

NAME Chris UNIT NO. _____ NAME Mike UNIT NO. _____

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SERVICE TICKET

UNITED CEMENTING & ACID CO., INC.

No 3873

BOX 712

EL DORADO, KANSAS 67042

PHONE AC 316-321-4880

DATE 9-18-96 COUNTY Reno ORIGINAL

CHG. TO: Howell Oil Co ADDRESS _____

CITY _____ STATE _____ ZIP _____

LEASE & WELL NO. Dip # 2 SEC. _____ TWP. _____ RNG. _____

CONTRACTOR Howell well service TIME ON LOCATION _____

KIND OF JOB Squeezing off perforation

SERVICE CHARGE: New well 300.82

QUANTITY	MATERIAL USED		TYPE		
167	54	Class-A-Cement	@	5.25	876.75 *
2	54	Plutide	@	24.00	48.00 *
1-5/8	X 2 3/8	32-F. Squeeze packer	@		725.00 *
1-5/8	X 3/4	Stripper Rubber	@		35.00 *
169		BULK CHARGE 54	@	.84	141.96 *
53		BULK TRK. MILES (8.50 tons X .62 X 53 miles)			279.31 *
		PUMP TRK. MILES			
		PLUGS <u>None</u>			---
		SALES TAX			127.21
		TOTAL			3,084.05

T. D. _____ CSG. SET AT _____ VOLUME _____

SIZE HOLE _____ TBG SET AT _____ VOLUME _____

MAX. PRESS. 3000 P.S.T SIZE PIPE 5/8 x 2 3/8 tubing

PLUG DEPTH _____ PKER DEPTH _____

PLUG USED _____ TIME FINISHED 1:30

REMARKS: Perforation 3314-3318 set packer @ 3257 min 167
54 cement pressure went to 3000 lb. shut cement off. Dis place
4 bbls circulated out cement and set packer and pressure
up to 2340 lbs hot set for 5 min release packer and
started out with tubing & packer. 162 54 out in
formation when well squeeze off @ 3000 lbs.

EQUIPMENT USED

NAME Shot UNIT NO. _____ NAME Phillip UNIT NO. _____

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STATE CORPORATION COMMISSION
CONSERVATION DIVISION - Plugging Section
130 S. Market, Room 2078
Wichita, Kansas 67202

API NUMBER: 15-155-21,397

SE SW SE , SECTION 13 TOWNSHIP 23 RANGE 4W

OPERATOR LICENSE # 5091 330 FEET FROM S SECTION LINE

OPERATOR HOWELL OIL COMPANY 1650 FEET FROM E SECTION LINE

NAME & RT 1, BOX 22

ADDRESS BURRTON, KS 67020

LEASE NAME: DOLE #3

COUNTY: RENO

WELL TOTAL DEPTH: 3642'

PIPE: 5 1/2' @ 3393'

SURFACE CASING: 10 3/8" @ 260'

ABANDONED OIL WELL GAS WELL INPUT WELL SWD D&A

OTHER WELL AS HEREINAFTER INDICATED: _____

PLUGGING CONTRACTOR: MIKE'S TESTING & SALVAGE

ADDRESS: CHASE, KS LICENSE: 31529

COMPANY TO PLUG AT: HOUR: 1:30 DAY: 30 MONTH: 5 YR: 1997

PLUGGING PROPOSAL RECEIVED FROM: DARRELL

COMPANY NAME: MIKE'S TESTING & SALVAGE PHONE: _____

WERE: SAND TO 3220', 5 SACKS

35 SACKS, 600'

310' TO SURFACE

PLUGGING PROPOSAL RECEIVED BY: MIKE WILSON

PLUGGING OPERATIONS ATTENDED BY AGENT? ALL { } PART { } NONE { }

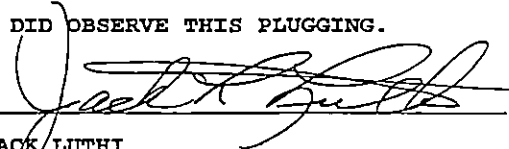
COMPLETED: HOUR: 8:30 DAY: 2 MONTH: 6 YEAR: 1997

ACTUAL PLUGGING REPORT: SANDED BOTTOM TO 3220' AND 5 SACKS OF COMMON, SHOT 5 1/2" CASING OFF

AT 2312'. PULLED TO 600', PUMPED 35 SACKS. PULLED TO 310'. CIRCULATED CEMENT TO SURFACE.

REMARKS: 60/40 POZ 4% GEL UNITED #4815

I DID OBSERVE THIS PLUGGING.



JACK LUTHI