



KANSAS CORPORATION COMMISSION 1086485
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 34674
Name: H & D Exploration LLC
Address 1: 1492 NW 10 Ave.
Address 2: PO BOX 387
City: HOISINGTON State: KS Zip: 67544 +
Contact Person: Gerald Achatz
Phone: (620) 282-9086
CONTRACTOR: License # 33350
Name: Southwind Drilling, Inc.
Wellsite Geologist: James Musgrove
Purchaser: Parnon Gathering

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
 Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

<u>05/24/2012</u>	<u>06/03/2012</u>	<u>06/03/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-009-25699-00-00

Spot Description: _____
NE NW SE NE Sec. 28 Twp. 18 S. R. 13 East West
1342 Feet from North / South Line of Section
730 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Barton

Lease Name: Doonan 'A' Well #: 1

Field Name: Lake Barton

Producing Formation: Arbuckle

Elevation: Ground: 1806 Kelly Bushing: 1812

Total Depth: 3375 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 711 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

(Data must be collected from the Reserve Pit)

Chloride content: 23000 ppm Fluid volume: 0 bbls

Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Paul's Oilfield Service, Inc.

Lease Name: Weiss #2 SWD License #: 31085

Quarter NE Sec. 11 Twp. 19 S. R. 12 East West

County: Barton Permit #: 31085

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: Deanna Garrisor Date: 08/03/2012



1086485

Operator Name: H & D Exploration LLC Lease Name: Doonan 'A' Well #: 1
 Sec. 28 Twp. 18 S. R. 13 East West County: Barton

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets)	<input checked="" type="checkbox"/> Yes <input 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 Attached	Top Attached	Datum Attached
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Submitted Electronically (If no, Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run: Attached				

CASING RECORD <input checked="" 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	12.25	8.62	24.0	711	Common	315	3%cc, 2% gel
Long string	7.87	5.5	14.0	3374	60/40 Poz	225	.25% Defoamer, 18% salt, 3/4% CFR, 5/

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input checked="" 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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3308 - 3311		

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. 06/22/2012	Producing Method: <input type="checkbox"/> Flowing <input checked="" 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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. (Submit ACO-5) <input type="checkbox"/> Commingled (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	H & D Exploration LLC
Well Name	Doonan 'A' 1
Doc ID	1086485

All Electric Logs Run

DIL
CNL/CDL
MEL
BHCS

Form	ACO1 - Well Completion
Operator	H & D Exploration LLC
Well Name	Doonan 'A' 1
Doc ID	1086485

Tops

Name	Top	Bottom
Anhydrite	705	+1107
Base anhydrite	731	+1081
Heebner	2960	-1148
Toronto	2969	-1157
Brown Lime	3048	-1236
Lansing	3060	-1248
Base Kansas City	3287	-1475
Arbuckle	3301	-1489
RTD	3375	-1563
LTD	3375	-1563

Geological Report

Geologist's Report

Site: 110

Location: ...

Date: ...

Author: ...

Scale: ...

Project: ...

Notes: ...

Recommendations, etc. prepared by ...

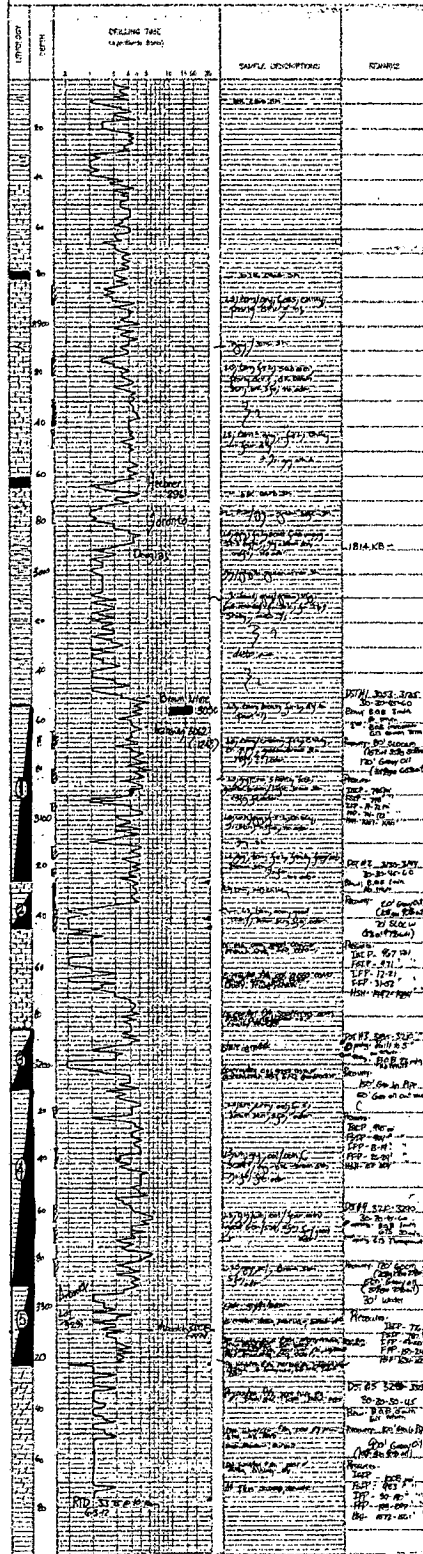
on ...

Respectfully submitted,

[Signature]

LEGEND

[Symbol]	Water
[Symbol]	Gravel
[Symbol]	Sand
[Symbol]	Silt
[Symbol]	Clay
[Symbol]	Shale
[Symbol]	Slate
[Symbol]	Quartzite
[Symbol]	Gneiss
[Symbol]	Schist
[Symbol]	Metamorphic
[Symbol]	Igneous
[Symbol]	Sedimentary





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 30046.D1143

Company H & D Exploration, LLC Lease & Well No. Doonan "A" No. 1
Elevation 1804 GL Formation Lansing "A"-G" Effective Pay _____ Ft. Ticket No. J2939
Date 5-31-12 Sec. 28 Twp. 18S Range 13W County Barton State Kansas
Test Approved By James C. Musgrove Diamond Representative John C. Riedl

Formation Test No. 1 Interval Tested from 3,053 ft. to 3,125 ft. Total Depth 3,125 ft.
Packer Depth 3,048 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 3,053 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 3,056 ft. Recorder Number 30046 Cap. 6,000 psi.
Bottom Recorder Depth (Outside) 3,122 ft. Recorder Number 11073 Cap. 4,000 psi.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ psi.

Drilling Contractor Southwind Drilling, Inc. - Rig 6 Drill Collar Length _____ ft. I.D. _____ in.
Mud Type Chemical Viscosity 50 Weight Pipe Length _____ ft. I.D. _____ in.
Weight 9.1 Water Loss 8.6 cc. Drill Pipe Length 3,033 ft. I.D. 3 1/2 in.
Chlorides 4,500 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2-FH in.
Jars: Make Sterling Serial Number Not Run Anchor Length 72 ft. Size 4 1/2-FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: Strong blow. Off bottom of bucket in 3 mins. No blow back during shut-in.
2nd Open: Strong blow. Off bottom of bucket immediately. Gas to surface in 40 mins. Gas volume too small to measure. Good blow back during shut-in.

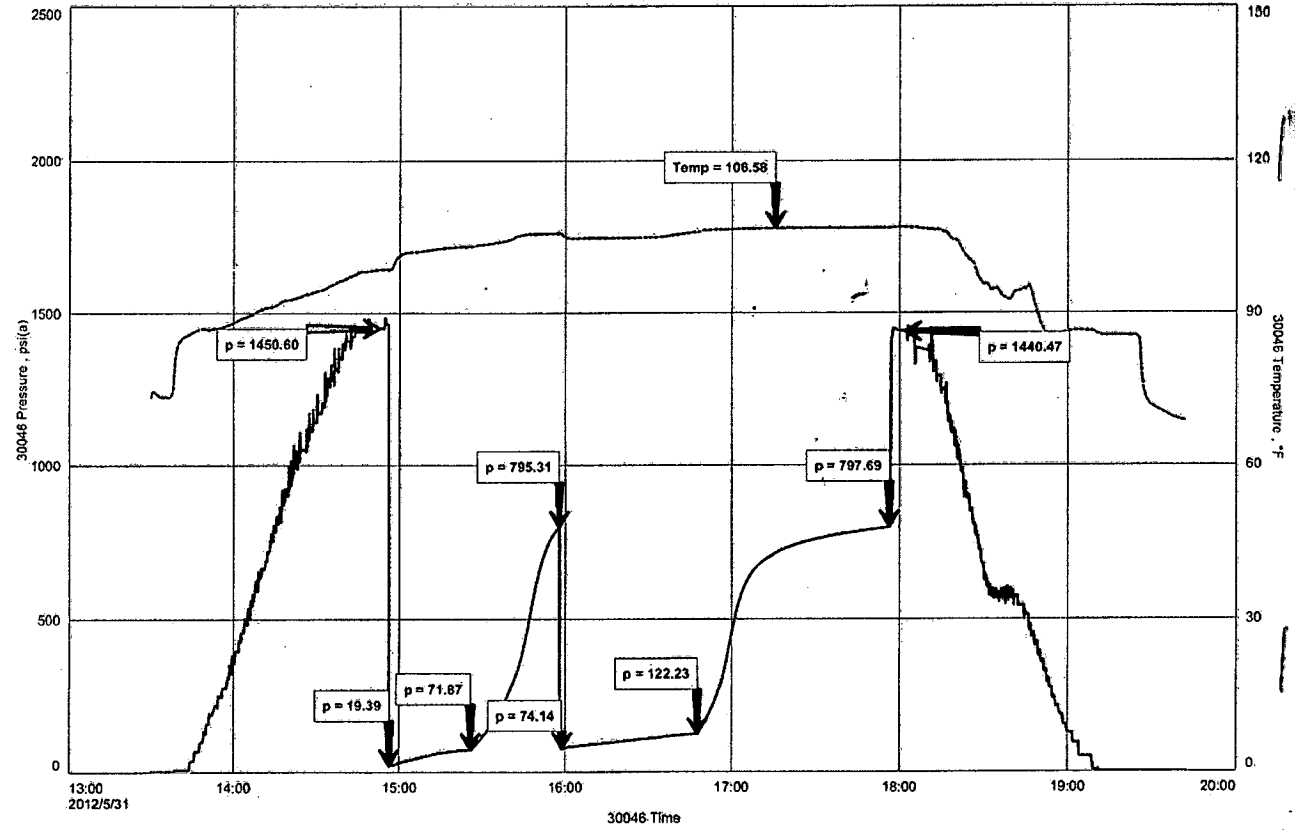
Recovered 80 ft. of slightly oil cut gassy mud = 1.138400 bbls. (Grind out: 35%-gas; 15%-oil; 50%-mud)
Recovered 130 ft. of gassy oil = 1.849900 bbls. (Grind out: 35%-gas; 65%-oil)
Recovered 210 ft. of TOTAL FLUID = 2.988300 bbls.
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Remarks _____

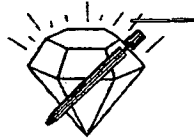
Time Set Packer(s) 2:55 P.M. Time Started off Bottom 5:40 P.M. Maximum Temperature 107°
Initial Hydrostatic Pressure.....(A) 1451 P.S.I.
Initial Flow Period.....Minutes 30 (B) 19 P.S.I. to (C) 72 P.S.I.
Initial Closed In Period.....Minutes 30 (D) 795 P.S.I.
Final Flow Period.....Minutes 45 (E) 74 P.S.I. to (F) 122 P.S.I.
Final Closed In Period.....Minutes 60 (G) 798 P.S.I.
Final Hydrostatic Pressure.....(H) 1440 P.S.I.

H+D EXPLORATION
Start Test Date: 2012/05/31
Final Test Date: 2012/05/31

DOONAN A #1

DOONAN A #1
Formation: LANS A-G
Job Number: D1143





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 853-7550 • (800) 542-7313
STC 30046.D1144

Company H & D Exploration, LLC Lease & Well No. Doonan "A" No. 1
Elevation 1804 GL Formation Lansing "G" Effective Pay _____ Ft. Ticket No. J2940
Date 6-1-12 Sec. 28 Twp. 18S Range 13W County Barton State Kansas
Test Approved By James C. Musgrove Diamond Representative John C. Riedl

Formation Test No. 2 Interval Tested from 3,130 ft. to 3,144 ft. Total Depth 3,144 ft.
Packer Depth 3,125 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 3,130 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 3,133 ft. Recorder Number 30046 Cap. 6,000 psi.
Bottom Recorder Depth (Outside) 3,141 ft. Recorder Number 11073 Cap. 4,000 psi.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ psi.

Drilling Contractor Southwind Drilling, Inc. - Rig 6 Drill Collar Length _____ ft I.D. _____ in.
Mud Type Chemical Viscosity 48 Weight Pipe Length _____ ft I.D. _____ in.
Weight 9.1 Water Loss 8.8 cc. Drill Pipe Length 3,110 ft I.D. 3 1/2 in.
Chlorides 5,000 P.P.M. Test Tool Length 20 ft Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number Not Run Anchor Length 14 ft Size 4 1/2-FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: Strong, 9 in. blow. No blow back during shut-in.
2nd Open: Good, 5 in. blow. No blow back during shut-in.

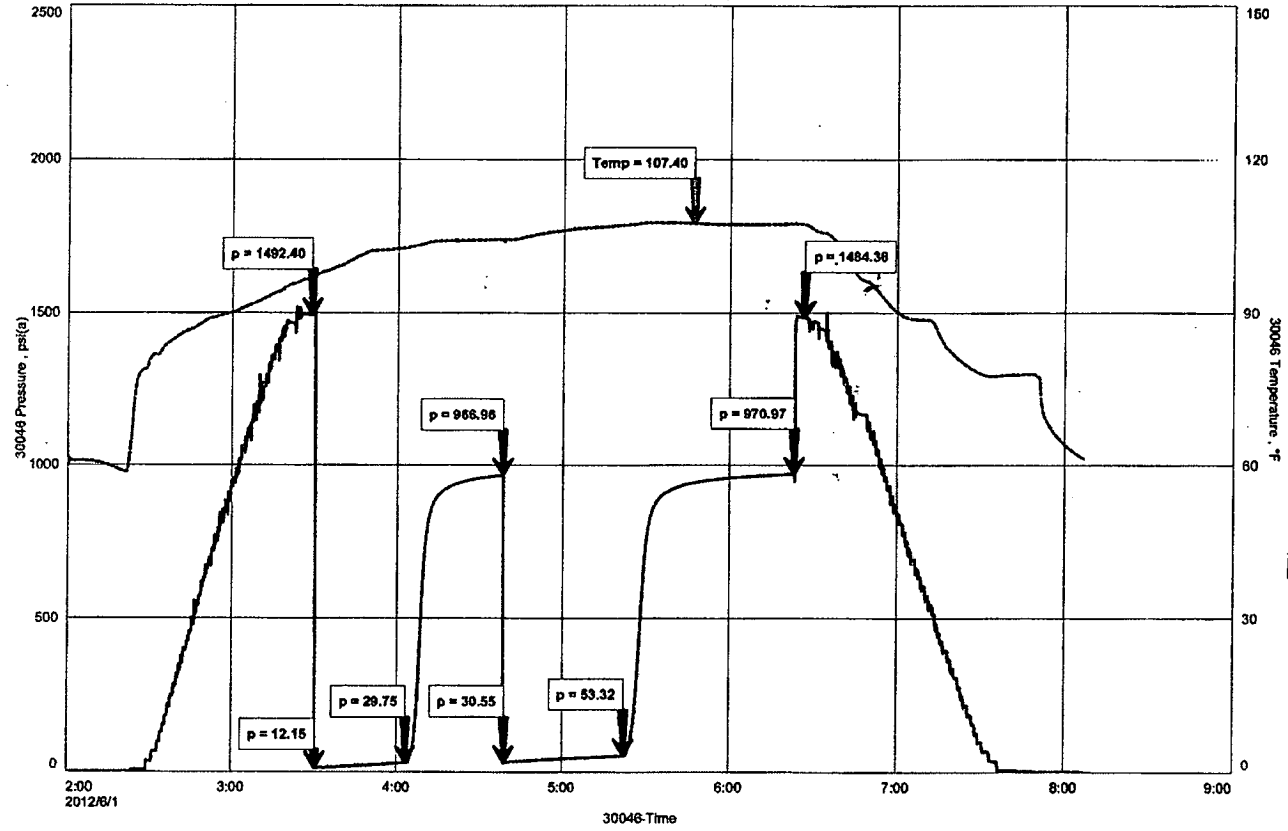
Recovered 20 ft. of gassy oil = .284600 bbls. (Grind out: 10%-gas; 90%-oil)
Recovered 70 ft. of slightly oil cut water = .996100 bbls. (Grind out: 3%-oil; 97%-water) Chlorides: 60,000 Ppm
Recovered 90 ft. of TOTAL FLUID = 1.280700 bbls.
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Remarks _____

Time Set Packer(s) 3:30 A.M. Time Started off Bottom 6:15 A.M. Maximum Temperature 107°
Initial Hydrostatic Pressure.....(A) 1492 P.S.I.
Initial Flow Period.....Minutes 30 (B) 12 P.S.I. to (C) 30 P.S.I.
Initial Closed In Period.....Minutes 30 (D) 967 P.S.I.
Final Flow Period.....Minutes 45 (E) 31 P.S.I. to (F) 53 P.S.I.
Final Closed In Period.....Minutes 60 (G) 971 P.S.I.
Final Hydrostatic Pressure.....(H) 1484 P.S.I.

H+D EXPLORATION
Start Test Date: 2012/06/01
Final Test Date: 2012/06/01

DOONAN A #1
Formation: LANSING "G"
Job Number: D1144

DOONAN A #1





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 30046.D1145

Company H & D Exploration, LLC Lease & Well No. Doonan "A" No. 1
Elevation 1804 GL Formation Lansing "H" Effective Pay _____ Ft. Ticket No. J2941
Date 6-1-12 Sec. 28 Twp. 18S Range 13W County Barton State Kansas
Test Approved By Kurt Talbott Diamond Representative John C. Riedl

Formation Test No. 3 Interval Tested from 3,185 ft. to 3,210 ft. Total Depth 3,210 ft.
Packer Depth 3,180 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 3,185 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 3,188 ft. Recorder Number 30046 Cap. 6,000 psi.
Bottom Recorder Depth (Outside) 3,207 ft. Recorder Number 11073 Cap. 4,000 psi.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ psi.

Drilling Contractor Southwind Drilling, Inc. - Rig 6 Drill Collar Length _____ ft. I.D. _____ in.
Mud Type Chemical Viscosity 46 Weight Pipe Length _____ ft. I.D. _____ in.
Weight 9.1 Water Loss 8.0 cc. Drill Pipe Length 3,165 ft. I.D. 3 1/2 in.
Chlorides 5,400 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number Not Run Anchor Length 25 ft. Size 4 1/2-FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: Fair, 5 in. blow. No blow back during shut-in.
2nd Open: Strong blow. Off bottom of bucket in 23 mins. No blow back during shut-in.

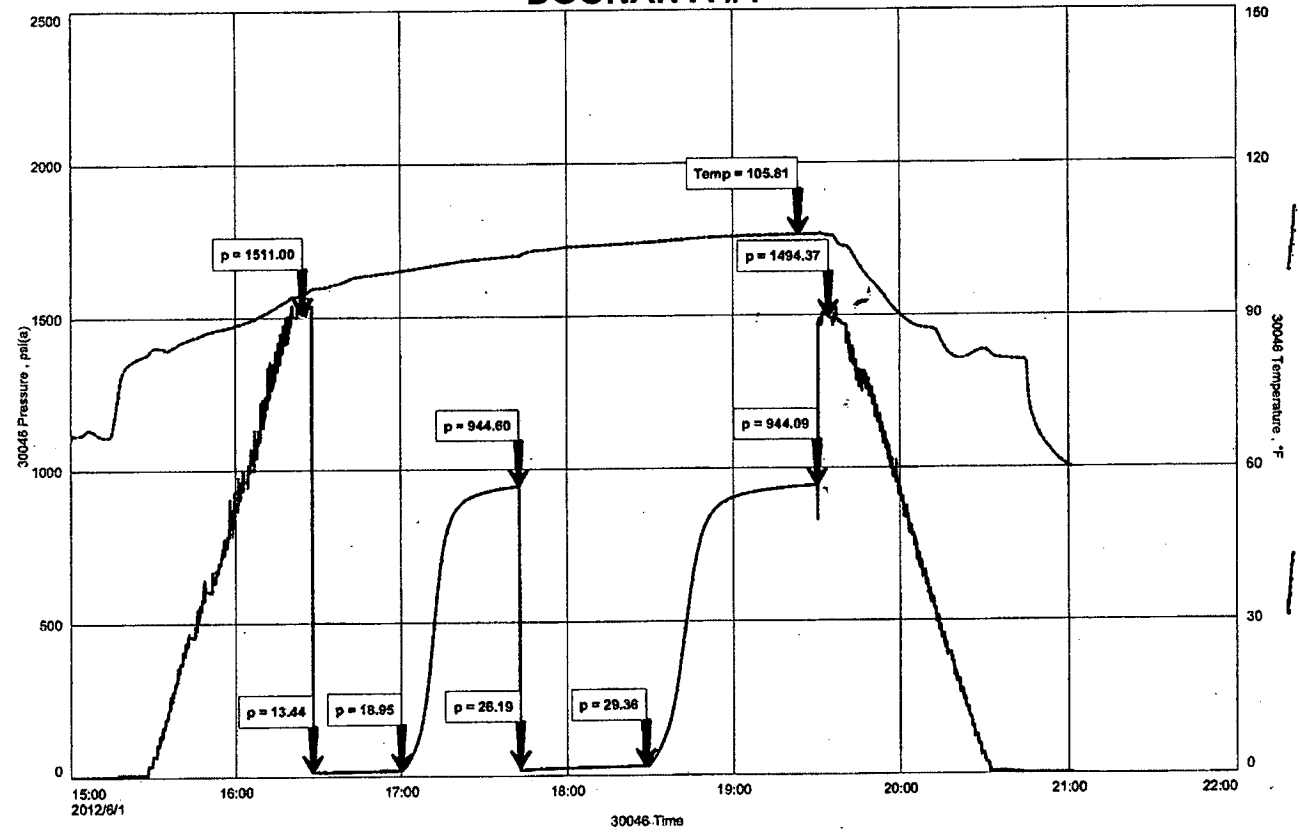
Recovered 150 ft. of gas in pipe
Recovered 50 ft. of gas & oil cut mud = .711500 bbls.
Recovered 50 ft. of TOTAL FLUID = .711500 bbls.
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Remarks _____

Time Set Packer(s) 4:30 P.M. Time Started off Bottom 7:30 P.M. Maximum Temperature 106°
Initial Hydrostatic Pressure.....(A) 1511 P.S.I.
Initial Flow Period.....Minutes 30 (B) 13 P.S.I. to (C) 19 P.S.I.
Initial Closed In Period.....Minutes 45 (D) 945 P.S.I.
Final Flow Period.....Minutes 45 (E) 26 P.S.I. to (F) 29 P.S.I.
Final Closed In Period.....Minutes 60 (G) 944 P.S.I.
Final Hydrostatic Pressure.....(H) 1494 P.S.I.

H+D EXPLORATION
Start Test Date: 2012/06/01
Final Test Date: 2012/06/01

DOONAN A #1
Formation: LANSING "H"
Job Number: D1145

DOONAN A #1





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 30046.D1146

Company H & D Exploration, LLC Lease & Well No. Doonan "A" No. 1
Elevation 1804 GL Formation Lansing "I"- "L" Effective Pay _____ Ft. Ticket No. J2942
Date 6-2-12 Sec. 28 Twp. 18S Range 13W County Barton State Kansas
Test Approved By James C. Musgrove Diamond Representative John C. Riedl

Formation Test No. 4 Interval Tested from 3,210 ft. to 3,290 ft. Total Depth 3,290 ft.
Packer Depth 3,205 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 3,210 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 3,213 ft. Recorder Number 30046 Cap. 6,000 psi
Bottom Recorder Depth (Outside) 3,287 ft. Recorder Number 11073 Cap. 4,000 psi
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ psi

Drilling Contractor Southwind Drilling, Inc. - Rig 6 Drill Collar Length _____ ft I.D. _____ in
Mud Type Chemical Viscosity 46 Weight Pipe Length _____ ft I.D. _____ in
Weight 9.1 Water Loss 8.0 cc. Drill Pipe Length 3,190 ft I.D. 3 1/2 in
Chlorides 5,400 P.P.M. Test Tool Length 20 ft Tool Size 3 1/2-F in
Jars: Make Sterling Serial Number Not Run Anchor Length 18' perf w/ 62' drill pipe Size 4 1/2-FH in
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in

Blow: 1st Open: Strong blow. Off bottom of bucket in 1 min. Gas to surface in 30 mins. Strong blow back during shut-in.

2nd Open: Strong blow. Off bottom of bucket in 3 mins. Gas to surface throughout. Good blow back during shut-in.

Recovered 120 ft. of gas & oil cut mud = 1,707600 bbls. (Grind out: 20%-gas; 10%-oil; 70%-mud)

Recovered 500 ft. of gassy oil = 7,115000 bbls. (Grind out: 30%-gas; 70%-oil) Gravity: 38 @ 60°

Recovered 30 ft. of water = 426900 bbls. (Chlorides: 40,000 Ppm)

Recovered 650 ft. of TOTAL FLUID = 9,249500 bbls.

Recovered _____ ft. of _____

Recovered _____ ft. of _____

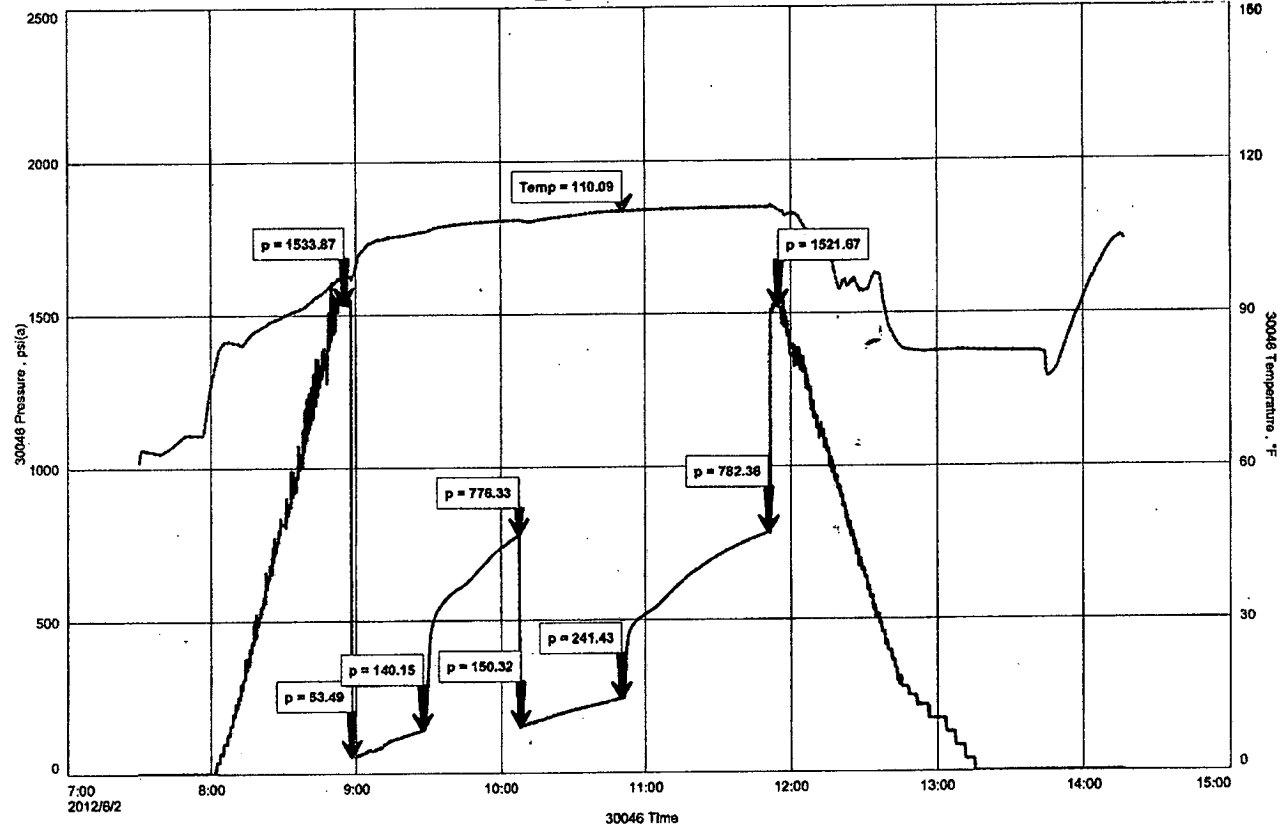
Remarks Gas Volume Gauges: 5 MCF/D down to 2 MCF/D. Gas had a consistent burn to it.

Time Set Packer(s) 9:00 A.M. Time Started off Bottom 11:45 A.M. Maximum Temperature 110°
Initial Hydrostatic Pressure.....(A) 1534 P.S.I.
Initial Flow Period.....Minutes 30 (B) 53 P.S.I. to (C) 140 P.S.I.
Initial Closed In Period.....Minutes 30 (D) 776 P.S.I.
Final Flow Period.....Minutes 45 (E) 150 P.S.I. to (F) 241 P.S.I.
Final Closed In Period.....Minutes 60 (G) 782 P.S.I.
Final Hydrostatic Pressure.....(H) 1522 P.S.I.

H+D EXPLORATION
Start Test Date: 2012/06/02
Final Test Date: 2012/06/02

DOONAN A #1
Formation: LANS "I,J,K,L"
Job Number: D1148

DOONAN A #1





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 30046.D1147

Company H & D Exploration, LLC Lease & Well No. Doonan "A" No. 1
Elevation 1804 GL Formation Arbuckle Effective Pay Ft. Ticket No. J2943
Date 6-3-12 Sec. 28 Twp. 18S Range 13W County Barton State Kansas
Test Approved By James C. Musgrove Diamond Representative John C. Riedl

Formation Test No. 5 Interval Tested from 3,290 ft. to 3,323 ft. Total Depth 3,323 ft.
Packer Depth 3,285 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Packer Depth 3,290 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,293 ft. Recorder Number 30046 Cap. 6,000 psi.
Bottom Recorder Depth (Outside) 3,320 ft. Recorder Number 11073 Cap. 4,000 psi.
Below Straddle Recorder Depth ft. Recorder Number Cap. psi.

Drilling Contractor Southwind Drilling, Inc. - Rig 6 Drill Collar Length ft I.D. in.
Mud Type Chemical Viscosity 50 Weight Pipe Length ft I.D. in.
Weight 9.1 Water Loss 8.9 cc. Drill Pipe Length 3,270 ft I.D. 3 1/2 in.
Chlorides 7,000 P.P.M. Test Tool Length 20 ft Tool Size 3 1/2-FH in.
Jars: Make Sterling Serial Number Not Run Anchor Length 33 ft. Size 4 1/2-FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: Strong blow. Off bottom of bucket in 5 mins. Fair blow back during shut-in.

2nd Open: Strong blow. Off bottom of bucket in 9 mins. Weak blow back during shut-in.

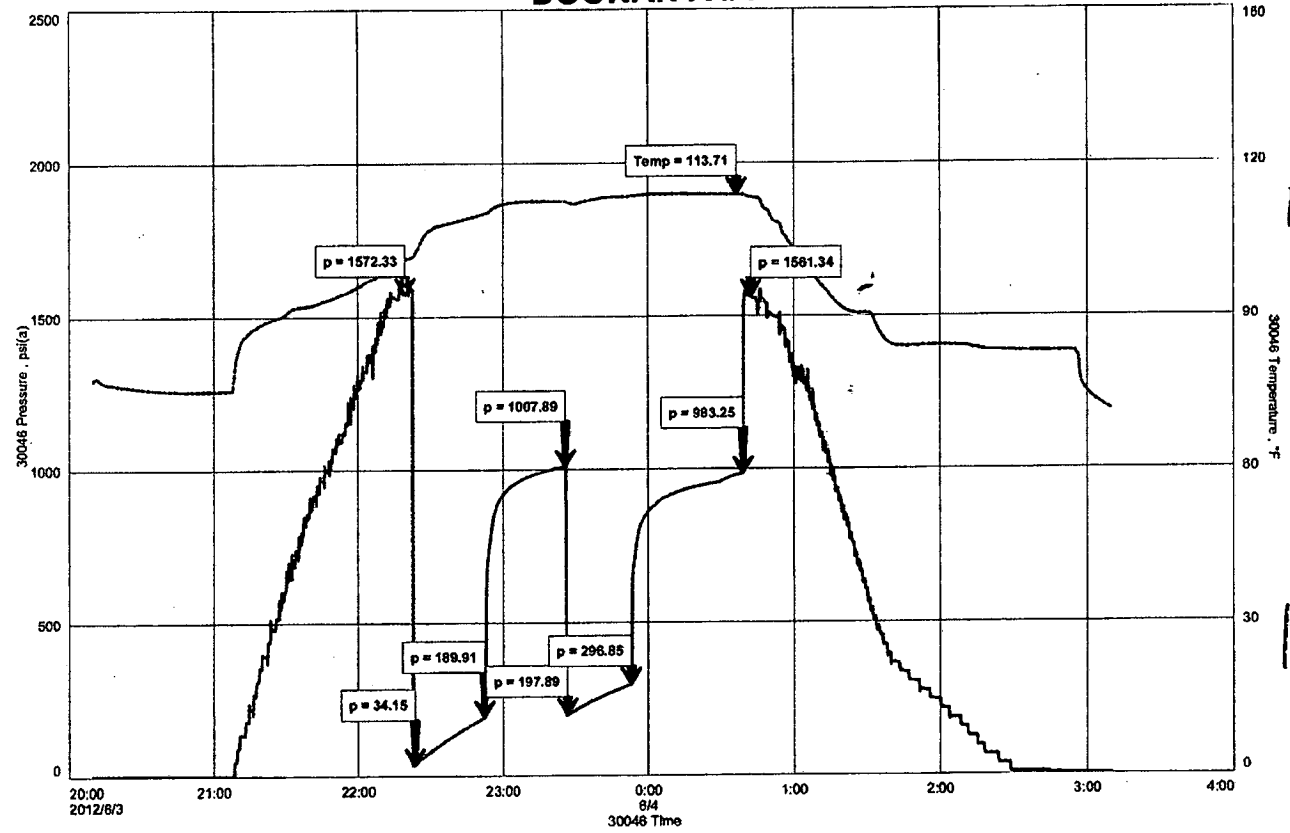
Recovered 100 ft. of gas in pipe
Recovered 900 ft. of gassy oil with some mud out in bottom 3 stands = 12.807000 bbls. (Grind out: 10%-gas; 90%-oil) Gravity: 35 @ 60°
Recovered 900 ft. of TOTAL FLUID = 12.807000 bbls.
Recovered ft. of
Recovered ft. of
Recovered ft. of
Remarks

Time Set Packer(s) 12:30 A.M. Time Started off Bottom 2:45 A.M. Maximum Temperature 114°
Initial Hydrostatic Pressure.....(A) 1572 P.S.I.
Initial Flow Period.....Minutes 30 (B) 34 P.S.I. to (C) 190 P.S.I.
Initial Closed In Period.....Minutes 30 (D) 1008 P.S.I.
Final Flow Period.....Minutes 30 (E) 198 P.S.I. to (F) 297 P.S.I.
Final Closed In Period.....Minutes 45 (G) 983 P.S.I.
Final Hydrostatic Pressure.....(H) 1561 P.S.I.

H+D EXPLORATION
Start Test Date: 2012/06/03
Final Test Date: 2012/06/03

DOONAN A #1
Formation: ARBUCKLE
Job Number: D1147

DOONAN A #1





BASIC
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 05897 A

DATE _____ TICKET NO. _____

DATE OF JOB 6-4-12	DISTRICT KANSAS	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.
CUSTOMER H + D Exploration LLC		LEASE Doonan A # 1		WELL NO.			
ADDRESS P.O. Box 387		COUNTY Bartlesville 28-18-13 STATE KS					
CITY Hoisington STATE KS 67544		SERVICE CREW Allen Mike, Jossie					
AUTHORIZED BY		JOB TYPE: 5/2" L.S. crew					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED 6-3-12 DATE AM TIME ARRIVED AT JOB 6-3-12 1115	
28443 P.U.	2					START OPERATION 6-4-12 415	
19903-19903	2					FINISH OPERATION 6-4-12 615	
19959-19860	2					RELEASED 6-4-12 700	
						MILES FROM STATION TO WELL 60 miles	

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).
The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT	
CP103	60/40 For	SK	175		\$ 7100 00	
CP103	60/40 For	SK	50		\$ 600 00	
CC105	C-41P	lb	38		\$ 152 00	
CC111	SAIT	lb	1099		\$ 549 50	
CC112	Cement Friction Reducer	lb	114		\$ 684 00	
CC201	Gilsomite	lb	878		\$ 588 26	
CF103	Top Rubber cement Plug 5/2	EA	1		\$ 105 00	
CF251	Guide shoe Reg. 5/2" Blue	EA	1		\$ 220 00	
CF1451	Flapper Type Insert Float valve	EA	1		\$ 215 00	
CF1651	Turbolizer 5/2" Blue	EA	5		\$ 550 00	
CF1901	5/2" Basket Blue	EA	1		\$ 389 88	
C204	CLA-max KCL Sub	gal	5		\$ 175 00	
CC151	mud Flush	gal	500		\$ 430 00	
E100	unit mileage chg. Pickup	mi	60		\$ 255 00	
E101	Heavy Equip. mileage	mi	120		\$ 840 00	
E113	Bulk Del. Chg.	Tm	582		\$ 931 00	
C204	Depth chg. 3001-4000	4-hr	1		\$ 2160 00	
CF240	Blending & mixing service chg	SK	225		\$ 315 00	
CF504	Plug container Utilization chg Job	Job	1		\$ 250 00	
S003	Service Supervisor first 8hrs	EA	1		\$ 175 00	
					SUB TOTAL	\$ 9291 99
CHEMICAL / ACID DATA:						
SERVICE & EQUIPMENT %TAX ON \$						
MATERIALS %TAX ON \$						
					DLS TOTAL	\$ 9291 99

SERVICE REPRESENTATIVE: Allen F. Ward THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: Allen F. Ward
FIELD SERVICE ORDER NO. _____ (WELL OWNER OPERATOR CONTRACTOR OR AGENT)