

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

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 # 6009  
Name: Double Eagle Exploration, Inc  
Address 1: 221 S. Broadway, #310  
Address 2: \_\_\_\_\_  
City: Wichita State: KS Zip: 67202 + \_\_\_\_\_  
Contact Person: Jim Robinson  
Phone: (316) 264-0422  
CONTRACTOR: License # 34233  
Name: Maverick Drilling, LLC  
Wellsite Geologist: Don Rider  
Purchaser: Plains Marketing, L.P.

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Designate Type of Completion:

- New Well     Re-Entry     Workover
- Oil     WSW     SWD     SLOW
- 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 #: \_\_\_\_\_

11-01-10	11-07-10	12-03-10
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 167-23671-00-00

Spot Description: \_\_\_\_\_  
NW NW NE/4 Sec. 35 Twp. 13 S. R. 12  East  West  
330 Feet from  North /  South Line of Section  
2,310 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE  NW  SE  SW

County: Russell

Lease Name: Garrett Well #: 3

Field Name: Garrett South

Producing Formation: Lansing/Kansas city

Elevation: Ground: 1815' Kelly Bushing: 1823'

Total Depth: 3232 Plug Back Total Depth: 3177

Amount of Surface Pipe Set and Cemented at: 457 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: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: Allow to dry and backfill

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 of 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.

**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.

Signature: Jim Robinson  
Title: Representative Date: 12-21-10

**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: Dg Date: 12/29/10

Operator Name: Double Eagle Exploration, Inc Lease Name: Garrett Well #: 3  
 Sec. 35 Twp. 13 S. R. 12  East  West County: Russell

**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 Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: <b>Dual Induction, Microresistivity, Dual Compensated Porosity, Dual Receiver Cement Bond</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>730</td> <td>+1093</td> </tr> <tr> <td>Topeka</td> <td>2590</td> <td>-767</td> </tr> <tr> <td>Heebner</td> <td>2860</td> <td>-1037</td> </tr> <tr> <td>Toronto</td> <td>2880</td> <td>-1057</td> </tr> <tr> <td>Douglas</td> <td>2896</td> <td>-1073</td> </tr> <tr> <td>Lansing</td> <td>2936</td> <td>-1113</td> </tr> <tr> <td>Base KC</td> <td>3230</td> <td>-1407</td> </tr> </table>	Name	Top	Datum	Anhydrite	730	+1093	Topeka	2590	-767	Heebner	2860	-1037	Toronto	2880	-1057	Douglas	2896	-1073	Lansing	2936	-1113	Base KC	3230	-1407
Name	Top	Datum																							
Anhydrite	730	+1093																							
Topeka	2590	-767																							
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Toronto	2880	-1057																							
Douglas	2896	-1073																							
Lansing	2936	-1113																							
Base KC	3230	-1407																							

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 1/4"	8 5/8"	23#	457	60/40	250	3% CC 2% gel
Production	7 7/8"	4 1/2"	10.50#	3219	ASC	150	
(Rat Hole)					ASC	30	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ 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	2956' to 2960'	Acid 250 gal. 15% HCL	
4	2978' to 2982' 2988' to 90'	Acid 250 gal. 15% HCL	
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TUBING RECORD: Size: <u>2 3/8" 8rd.</u> Set At: <u>3033.54</u> Packer At: <u>none</u> Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>12-3-10</u>	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. <u>10</u> Gas Mcf _____ Water Bbls. <u>60</u> Gas-Oil Ratio _____ Gravity _____

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202



PO BOX 31 Russell, KS 67665

# INVOICE

Invoice Number: 125156

Invoice Date: Nov 2, 2010

Page: 1

Voice: (785) 483-3887

Fax: (785) 483-5566

<b>Bill To:</b>
Double Eagle Expl., Inc. 221 S. Broadway #310 Wichita, KS 67202

<b>Customer ID</b>	<b>Well Name# or Customer P.O.</b>	<b>Payment Terms</b>	
DoubE	Garrett #3	Net 30 Days	
<b>Job Location</b>	<b>Camp Location</b>	<b>Service Date</b>	<b>Due Date</b>
KS2-01	Russell	Nov 2, 2010	12/2/10

Quantity	Item	Description	Unit Price	Amount
150.00	MAT	Class A Common	13.50	2,025.00
100.00	MAT	Pozmix	7.55	755.00
4.00	MAT	Gel	20.25	81.00
8.00	MAT	Chloride	51.50	412.00
250.00	SER	Handling	2.25	562.50
14.00	SER	Mileage 250 sx @ .10 per sk per mi	25.00	350.00
1.00	SER	Surface	991.00	991.00
14.00	SER	Pump Truck Mileage	7.00	98.00
1.00	EQP	8.5/8 Rubber Plug	74.00	74.00

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ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 1069.00

ONLY IF PAID ON OR BEFORE  
Nov 27, 2010

Subtotal	5,348.50
Sales Tax	277.80
Total Invoice Amount	5,626.30
Payment/Credit Applied	
<b>TOTAL</b>	<b>5,626.30</b>





PO BOX 31 Russell, KS 67665

# INVOICE

Invoice Number: 125227

Invoice Date: Nov 7, 2010

Page: 1

Voice: (785) 483-3887

Fax: (785) 483-5566

<b>Bill To:</b>
Double Eagle Expl., Inc. 221 S. Broadway #310 Wichita, KS 67202

<b>Customer ID</b>	<b>Well Name# or Customer P.O.</b>	<b>Payment Terms</b>	
DoubE	Garrett #3	Net 30 Days	
<b>Job Location</b>	<b>Camp Location</b>	<b>Service Date</b>	<b>Due Date</b>
KS2-02	Russell	Nov 7, 2010	12/7/10

Quantity	Item	Description	Unit Price	Amount
180.00	MAT	ASC Class A	16.70	3,006.00
500.00	MAT	WFR-2	1.10	550.00
180.00	SER	Handling	2.25	405.00
1.00	SER	Handling Mileage Charge	300.00	300.00
1.00	SER	Production String	1,957.00	1,957.00
14.00	SER	Pump Truck Mileage	7.00	98.00
1.00	EQP	4.5 Float Shoe	214.00	214.00
7.00	EQP	4.5 Centralizer	35.00	245.00
1.00	EQP	4.5 Latch Down Plug Assembly	164.00	164.00

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ALL PRICES ARE NET, PAYABLE  
30 DAYS FOLLOWING DATE OF  
INVOICE. 1 1/2% CHARGED  
THEREAFTER. IF ACCOUNT IS  
CURRENT, TAKE DISCOUNT OF

\$ 1387.89

ONLY IF PAID ON OR BEFORE  
Dec 2, 2010

Subtotal	6,939.00
Sales Tax	346.86
Total Invoice Amount	7,285.86
Payment/Credit Applied	
<b>TOTAL</b>	<b>7,285.86</b>

# ALLIED CEMENTING CO., LLC. 033932

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
Russell KS.

DATE <u>11-7-2010</u>	SEC <u>35</u>	TWP. <u>13 S</u>	RANGE <u>12W</u>	CALLED OUT	ON LOCATION	JOB START <u>9:30PM</u>	JOB FINISH <u>10:00PM</u>
LEASE <u>GARRETT</u> WELL # <u>3</u>		LOCATION <u>BUNKER HILL SE</u>		COUNTY <u>RUSSELL</u>		STATE <u>KANSAS</u>	
OLD OR (NEW) (Circle one) <u>NEW</u>				<u>LN 1/2 W INTO</u>			

CONTRACTOR MAVERICK DRIG. Rig# 108 OWNER \_\_\_\_\_  
 TYPE OF JOB PRODUCTION STRING  
 HOLE SIZE 7 7/8 T.D. 3233'  
 CASING SIZE 4 1/2 DEPTH 3218.99  
 TUBING SIZE 10.5" # DEPTH \_\_\_\_\_  
 DRILL PIPE DEPTH \_\_\_\_\_  
 TOOL LATCH DOWN Plug Assy DEPTH 3177\*  
 PRES. MAX MINIMUM \_\_\_\_\_  
 MEAS. LINE SHOE JOINT 42.07  
 CEMENT LEFT IN CSG. 42.07  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 50.50 / BBL  
 EQUIPMENT \_\_\_\_\_

CEMENT	AMOUNT ORDERED	<u>180 SX ASC.</u>	
	<u>500 GAL WFR-2 MUD FLUSH</u>		
COMMON	@		
POZMIX	@		
GEL	@		
CHLORIDE	@		
ASC	@	<u>180</u>	<u>16.70 3006.00</u>
	@		
<u>WFR-2</u>	@	<u>500</u>	<u>1.10 550.00</u>
	@		
	@		
	@		
	@		
HANDLING	@	<u>180</u>	<u>2.25 405.00</u>
MILEAGE	@	<u>110 / 1.00</u>	<u>300.00</u>
TOTAL			<u>4261.00</u>

PUMP TRUCK CEMENTER GLENN RECEIVED  
 # 398 HELPER RICHARD  
 BULK TRUCK DRIVER GARRY  
 # 410 DRIVER \_\_\_\_\_  
 BULK TRUCK DRIVER \_\_\_\_\_  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_  
 KCC WICHITA

**REMARKS:**

RAN 80 IT'S 4 1/2 - 10.5" CSG. Set @ 3218.99, CENTRALIZERS ON 2,4,5,6,7,8,10  
CIRCULATE ON BOTTOM FOR 1-HR  
Cement w/150 SX ASC, clear line, Release Plug, + Displace 51' BBL H2O, LAND Plug @ 1500 #. Released & LATCH DN. Plug & HELD.  
30 SX @ Rathole  
THANK'S

**SERVICE**

DEPTH OF JOB	PUMP TRUCK CHARGE		<u>1957.00</u>
EXTRA FOOTAGE	@		
MILEAGE	@	<u>14</u>	<u>7.00 98.00</u>
MANIFOLD	@		
	@		
	@		
TOTAL			<u>2055.00</u>

CHARGE TO: DOUBLE EAGLE EXPLORATION INC.  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

1-FLOAT-Shoe			<u>214.00</u>
7-CENTRALIZERS	@	<u>35.00</u>	<u>245.00</u>
1-LATCH DOWN Plug Assy	@		<u>164.00</u>
	@		
	@		
	@		
TOTAL			<u>623.00</u>

To Allied Cementing Co., LLC.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

PRINTED NAME Proctor & Deiting  
 SIGNATURE \_\_\_\_\_



## **Rider Consulting Petroleum Geologist**

**Don V. Rider, Geologist...cell: 316-706-7199**

**Office 316-729-4445...8910 W. Central Park Ct...Wichita, KS 67205-2105**

**November 8, 2010**

### **WELL RESUME**

**Operator: Double Eagle Exploration**

**API: 15-167-23671**

**Well Name: Garrett # 3**

**Field: Garrett**

**Location: NW, NW, NE**

**Sec.35 Twp.13S Rge.12W**

**County: Russell**

**State: Kansas**

**Spud Date: 11-01-10**

**Drilling Completed: 11-07-10**

**Elevations: GL- 1815'**

**KB- 1823'**

**Total Depth: Drillers TD- 3232'**

**Loggers TD-3233'**

**Contractor: Maverick Drilling, LLC. # 108**

**Well Site Geologist: Don V. Rider**

**Mud Logging Equipment: None**

**Samples: Unlagged samples were caught by drilling crew from 2450'-TD.**

**Mud Company: Mudco Mud**

**Type Drilling Mud: Chemical**

**Hole Size: 12 1/4" 0-457'; 7 7/8" 457'-TD**

**Casing: 8 5/8" set @ 457, W/ 140 sk Cement'**

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**Drill Time Kept:** 2450' - 3232'

**Samples Examined:** 2450'-3232'

**Geological Supervision:** 2450' - 3232'

**Cores:** None

**DST's:** Two, Trilobite Testing

**Electric Logs:** Log Tech

**Type Logs Run:** Dual Induction & Dual Compensated Porosity Log, Micro Log,

**Bottom Hole Formation:** Base Kansas City

**Well Status:** It was decided by all parties concerned to Set pipe, and test this well.

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## Rider Consulting Petroleum Geologist

Don V. Rider, Geologist ...cell: 316-706-7199

Office 316-706-7199...8910 W. Central Park Ct...Wichita, KS 67205-2105

### DAILY REPORT

#### Gerrett # 3, 35.T13S-R 12W Russell County, Kansas

<u>Date</u>	<u>Depth</u>	<u>24 Hr. Footage</u>	<u>Remarks</u>
11-01-10			Spud Date, Move in, rig up
11-02-10	457''		Set Surface pipe, 8 5/8" @ 457', W/ 140 SK cement, Hit a bridge, W/ surface pipe, Redrill new hole.
11-03-10	850	393'	Drill Anhydrite.
11-04-10	2120'	1270'	Drilling ahead, Lost circulation @2410' Mud up @2420', Topeka 2586 (-763)
11-05-10	2822'	702'	Drilling in Topeka, Heebner2862' (-1039) Toronto 2880 (-1057), Douglas 2896, (-1073'), Lansing 2939' (-1116')
11-06-10	3010'	188'	<b>DST # 1</b> 2946'-3010' Lansing A, B, C, D, 30-45-30-60, 1 <sup>st</sup> open BOB in 11min, 2 <sup>nd</sup> Open, BOB in 23min, Recovery: 210' GIP 90' VSWOCM, 5% gas, 5% water, 20% oil 70% mud, IFP: 19-34, FFP: 37-51, ISIP: 709, FSIP: 700, Hydro: 1482-1388, Temp: 95. <b>DST # 2</b> , 3026-3061 KC F Zone 30-45-30-60, 1 <sup>st</sup> open BOB in 24min, 2 <sup>nd</sup> open BOB in 28min, Recovery 350'MCW, IFP: 22-111, FFP: 113-187, ISIP: 977, FSIP: 976, Hydro: 1528-1429, Temp: 100
11-07-10	3232'	222'	Base KC 3230 (-1407), Log W/ log Tech. Time Change.

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**FORMATION DATA**  
(Corrected to R.A. Guard Log)

11-08-10  
Garrett # 3

Elevation 1823'KB  
1815'GI

<b><u>Formation</u></b>	<b><u>Depth</u></b>	<b><u>Minus Data</u></b>
Anhydrite	730'	+1093'
Topeka	2590'	- 767'
Heebner	2860'	- 1037'
Toronto	2880'	- 1057'
Douglas	2896	-1073'
Lansing	2936'	- 1113'
Base KC	3230'	- 1407'

**Topeka 2590-2860'**

This area had an off-white gray fine crystalline limestone, chalky in part, slightly fossiliferous, with intercrystalline and vugular porosity.

**Toronto 2880'-2896'**

This area had an off-white, gray fine crystalline limestone, chalky, oolitic, W/ P.P. Vugular Porosities, trace free oil & stain, no odor.

**Lansing, Kansas City 2936'-3230'**

**A, B, C Zone 2936-2990'**

This area had an off-white fine crystalline tite, fossiliferous, oolitic limestone, with fair Pinpoint vugular porosities, good free oil and stain, good odor, light oil. See DST # 1

**D & E Zone 2990'-3020'**

This area had an off-white, gray fine crystalline fossiliferous, oolitic limestone, with fair vugular and oolmoldic porosities, good free oil and stain, good odor, and good blue cut fluorescence. See DST # 1

**F Zone 3030-3060'**

This area had an off-white fine crystalline fossiliferous, oolitic limestone, with good oolitic and vugular porosities, good show free oil and stain, gassy, fair odor. See DST # 2

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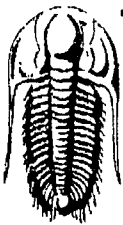
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**H, I, J, K, L Zones 3090'-3230'**

This area had an off-white, buff, fine crystalline, oolitic limestone, with fair intercrystalline and pinpoint vugular porosities and very minor free oil and stain with slight odor.

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**TRILOBITE**  
TESTING, INC.

# DRILL STEM TEST REPORT

Double Eagle Exploration  
221 S. Broadway 310  
Wichita Ks 67202  
ATTN: Don Rider

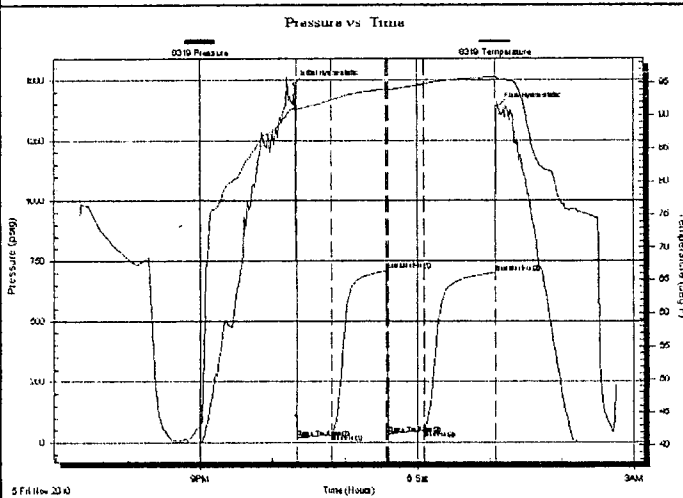
**Garrett #3**  
**35-13-12, Russell Ks**  
Job Ticket: 40989      DST#: 1  
Test Start: 2010.11.05 @ 19:20:17

## GENERAL INFORMATION:

Formation: Lansing  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 22:20:17  
Time Test Ended: 02:46:17  
Interval: 2946.00 ft (KB) To 3010.00 ft (KB) (TVD)  
Total Depth: 3010.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole  
Tester: Brett Dickinson  
Unit No: 47  
Reference Elevations: 1823.00 ft (KB)  
1813.00 ft (CF)  
KB to GR/CF: 10.00 ft

**Serial #: 8319** Inside  
Press@RunDepth: 51.05 psig @ 2952.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2010.11.05 End Date: 2010.11.06 Last Calib.: 2010.11.06  
Start Time: 19:20:17 End Time: 02:46:17 Time On Btm: 2010.11.05 @ 22:18:47  
Time Off Btm: 2010.11.06 @ 01:07:17

**TEST COMMENT:** IF-BOB in 15min  
IS-Very weak surface blow died in 11min  
FF-BOB in 23min  
FSI-Very weak surface blow died in 8min



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1482.42	91.16	Initial Hydro-static
2	19.62	90.86	Open To Flow (1)
31	34.06	92.40	Shut-In(1)
76	709.50	94.03	End Shut-In(1)
77	37.02	93.89	Open To Flow (2)
107	51.05	94.72	Shut-In(2)
166	700.73	95.83	End Shut-In(2)
169	1388.54	95.47	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
90.00	VSWOCM 5%G 5%W 20%O 70%M	1.26
0.00	210ft GIP	0.00

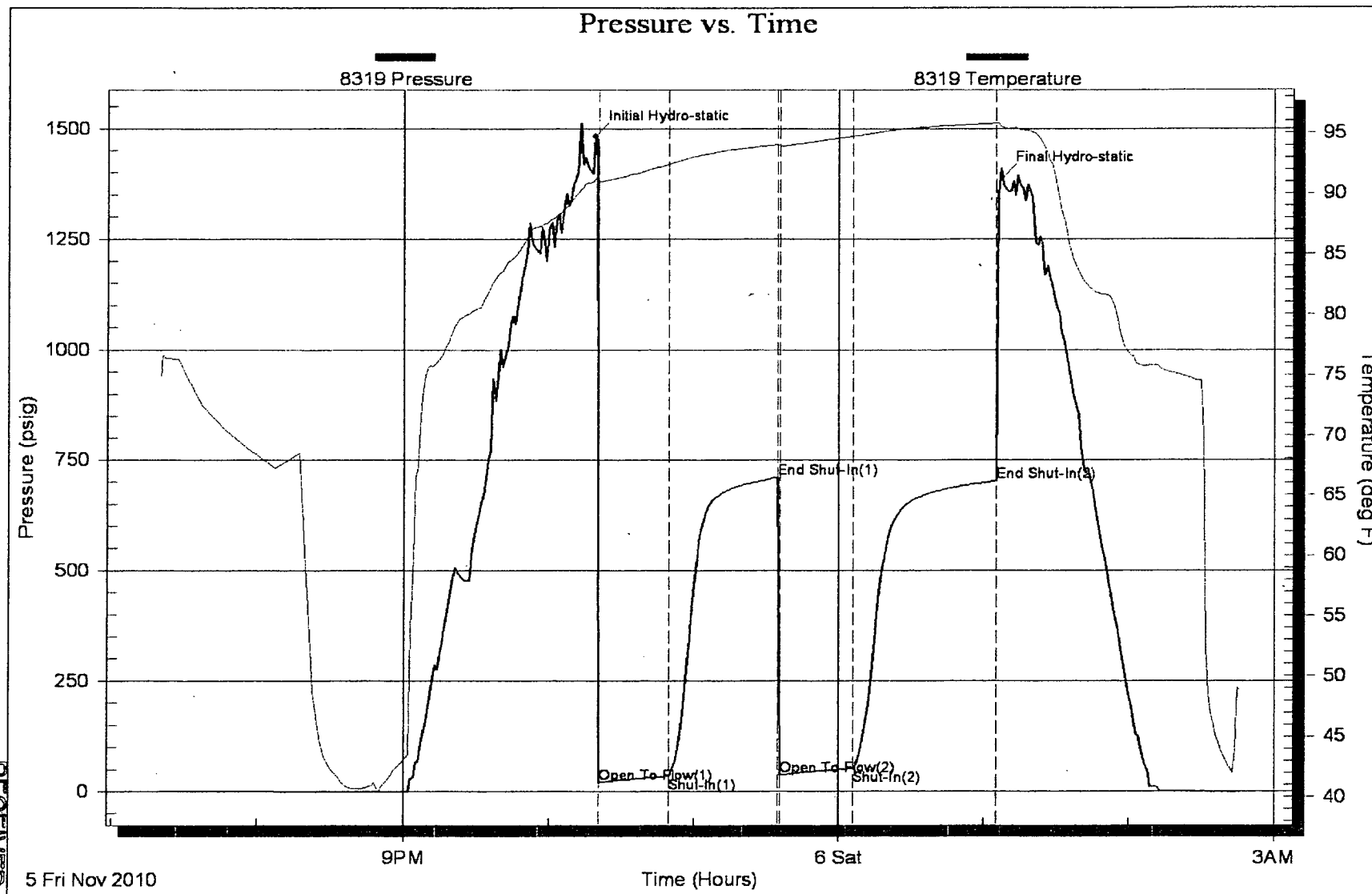
## Gas Rates

Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)

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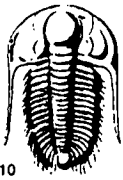
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# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 040989

Well Name & No. Barrett #3 Test No. 1 Date 11/5/10  
 Company Double Eagle Exploration Elevation 1823 KB 1813 GL  
 Address 221 S. Broadway, #110 Wichita KS 67202  
 Co. Rep / Geo. Don Rider Rig Maverick #108  
 Location: Sec. 35 Twp. 13S Rge. 12W Co. Russell State KS

Interval Tested 2946-3010 Zone Tested Lansing  
 Anchor Length 64 Drill Pipe Run 2932 Mud Wt. 9.0  
 Top Packer Depth 2941 Drill Collars Run — Vis 48  
 Bottom Packer Depth 2946 Wt. Pipe Run — WL 10.11  
 Total Depth 3010 Chlorides 8,000 ppm System LCM —  
 Blow Description: FF - BOBIN 15 min  
FSI - very weak surface blow died in 11 min  
FF - BOBIN 23 min  
FSI - very weak surface blow died in 8 min

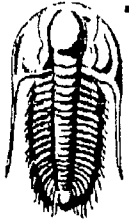
Rec	Feet of	%gas	%oil	%water	%mud
<u>90</u>	<u>VSWOCM</u>	<u>5</u>	<u>20</u>	<u>5</u>	<u>70</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of <u>210.91 GPP</u>	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 90 BHT 95 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides 85,000 ppm

(A) Initial Hydrostatic 1482  Test \_\_\_\_\_ T-On Location 17:30  
 (B) First Initial Flow 19  Jars \_\_\_\_\_ RECEIVED \_\_\_\_\_ T-Started 19:20  
 (C) First Final Flow 34  Safety Joint DEC 23 2010 T-Open 22:24  
 (D) Initial Shut-In 709  Circ Sub \_\_\_\_\_ KCC WICHITA \_\_\_\_\_ T-Pulled 1:09  
 (E) Second Initial Flow 37  Hourly Standby \_\_\_\_\_ T-Out 2:50  
 (F) Second Final Flow 51  Mileage 43x2 \_\_\_\_\_ Comments \_\_\_\_\_  
 (G) Final Shut-In 700  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1388  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_ Sub Total \_\_\_\_\_  
 Day Standby \_\_\_\_\_ Total \_\_\_\_\_  
 Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative Don Rider

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Double Eagle Exploration  
221 S. Broadway 310  
Wichita Ks 67202  
ATTN: Don Rider

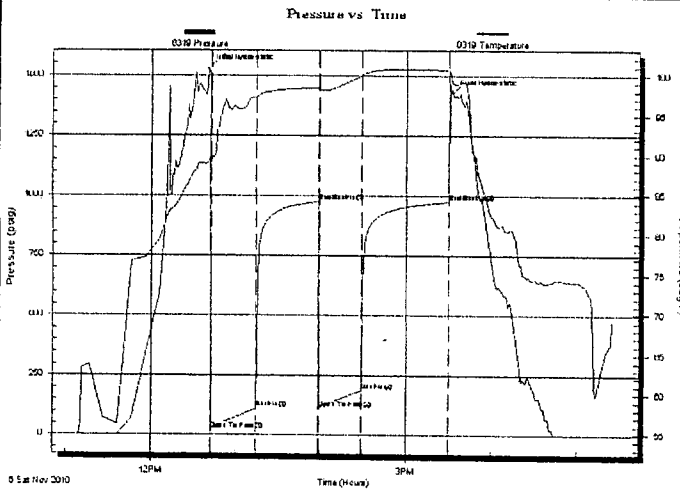
**Garrett #3**  
**35-13-12, Russell Ks**  
Job Ticket: 40990      DST#: 2  
Test Start: 2010.11.06 @ 11:09:15

## GENERAL INFORMATION:

Formation: **KC "F"**  
Deviated: **No** Whipstock: **ft (KB)**  
Time Tool Opened: **12:42:45**  
Time Test Ended: **17:24:45**  
Interval: **3026.00 ft (KB) To 3061.00 ft (KB) (TVD)**  
Total Depth: **3061.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: **Fair**  
Test Type: **Conventional Bottom Hole**  
Tester: **Brett Dickinson**  
Unit No: **47**  
Reference Elevations: **1823.00 ft (KB)**  
**1813.00 ft (CF)**  
KB to GR/CF: **10.00 ft**

**Serial #: 8319**      Inside  
Press@RunDepth: **187.03 psig @ 3031.00 ft (KB)**      Capacity: **8000.00 psig**  
Start Date: **2010.11.06**      End Date: **2010.11.06**      Last Calib.: **2010.11.06**  
Start Time: **11:09:15**      End Time: **17:24:45**      Time On Btm: **2010.11.06 @ 12:40:45**  
Time Off Btm: **2010.11.06 @ 15:32:15**

**TEST COMMENT:** IF-BOB in 24min  
IS-very weak surface blow died in 14min  
FF-BOB in 28min  
FSI- No blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1528.36	89.12	Initial Hydro-static
2	22.20	89.15	Open To Flow (1)
34	111.70	97.29	Shut-In(1)
78	977.27	98.43	End Shut-In(1)
78	113.90	98.12	Open To Flow (2)
108	187.03	99.92	Shut-In(2)
169	976.00	100.70	End Shut-In(2)
172	1429.50	99.07	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
180.00	water	2.52
120.00	MCW 80%W 20%M	1.68
50.00	MCW 60%W 40%M	0.70

## Gas Rates

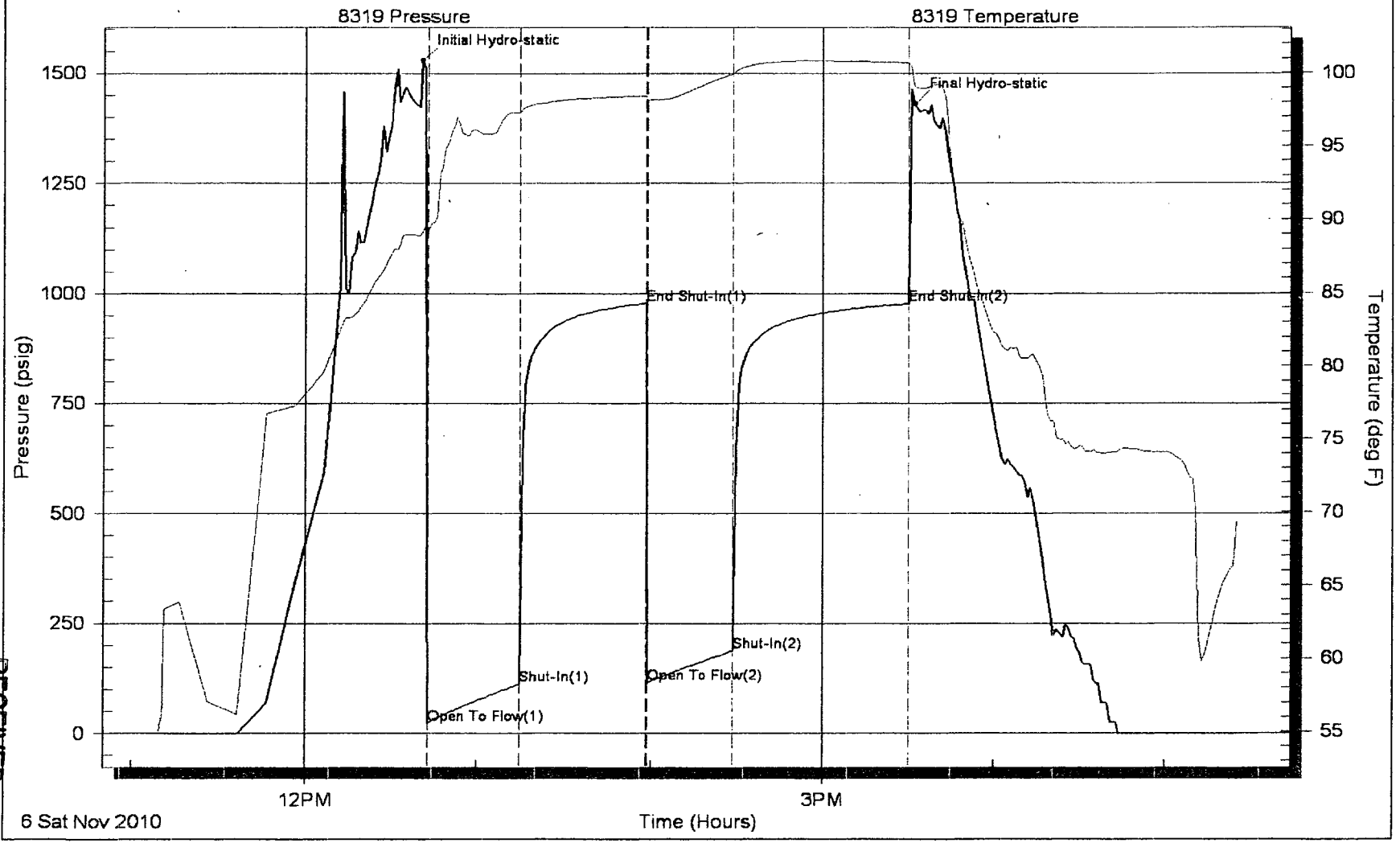
Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)

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### Pressure vs. Time

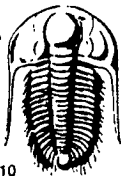


6 Sat Nov 2010

Time (Hours)

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# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 040990

Well Name & No. Garratt #13 Test No. 2 Date 11/6/10  
 Company Double Eagle Exploration Elevation 1923 KB 1813 GL  
 Address 221 S Broadway #310 Wichita KS 67207  
 Co. Rep / Geo. Hon Rider Rig Myerick #108  
 Location: Sec. 35 Twp. 13S Rge. 12W Co. Russell State KS

Interval Tested 3026 - 3061 Zone Tested ACT  
 Anchor Length 34 Drill Pipe Run 3028 Mud Wt. 9.0  
 Top Packer Depth 3021 Drill Collars Run - Vis 48  
 Bottom Packer Depth 3026 Wt. Pipe Run - WL 10"  
 Total Depth 3061 Chlorides 8,000 ppm System LCM

Blow Description IF-BOB in 24 min  
FST - very weak surface blow died in 14 min  
IF-BOB in 28 min  
FST - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>180</u>	<u>water</u>				
<u>120</u>	<u>MCW</u>		<u>80</u>	<u>20</u>	
<u>40</u>	<u>MCW</u>		<u>60</u>	<u>40</u>	

Rec Total 350 BHT 100 Gravity \_\_\_\_\_ API RW .06 @ 70 °F Chlorides 140,000 ppm

(A) Initial Hydrostatic 1429  
 (B) First Initial Flow 22  
 (C) First Final Flow 111  
 (D) Initial Shut-In 977  
 (E) Second Initial Flow 114  
 (F) Second Final Flow 137  
 (G) Final Shut-In 476  
 (H) Final Hydrostatic 1429

- Test
- Jars
- Safety Joint
- Circ Sub
- Hourly Standby
- Mileage 434.2
- Sampler
- Straddle
- Shale Packer
- Extra Packer
- Extra Recorder
- Day Standby
- Accessibility

T-On Location 10:50  
 T-Started 11:20  
 T-Open 12:45  
 T-Pulled 13:30  
 T-Out 17:25

Comments \_\_\_\_\_  
 Ruined Shale Packer  
 Ruined Packer  
 Extra Copies

Initial Open 30  
 Initial Shut-In 46  
 Final Flow 30  
 Final Shut-In 60

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Approved By \_\_\_\_\_ Our Representative [Signature]

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