



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1226060
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

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

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

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

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

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
 Plug Back  Conv. to GSW  Conv. to Producer
 Commingled Permit #: \_\_\_\_\_
 Dual Completion Permit #: \_\_\_\_\_
 SWD Permit #: \_\_\_\_\_
 ENHR Permit #: \_\_\_\_\_
 GSW Permit #: \_\_\_\_\_

Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

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

\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_- Feet from  North /  South Line of Section

\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_- Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE  NW  SE  SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27  NAD83  WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ 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: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

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

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

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

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

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

- Confidentiality Requested
Date: \_\_\_\_\_
 Confidential Release Date: \_\_\_\_\_
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1226060

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

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

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				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  
 Flowing  Pumping  Gas Lift  Other *(Explain)* \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Conservation Division  
266 N. Main St., Ste. 220  
Wichita, KS 67202-1513



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Shari Feist Albrecht, Chair  
Jay Scott Emler, Commissioner  
Pat Apple, Commissioner

Sam Brownback, Governor

October 14, 2014

Mark Molitor  
Molitor Oil, Inc.  
9517 SW 80TH AVE  
SPIVEY, KS 67142-9119

Re: ACO-1  
API 15-095-22285-00-00  
Bohrer 3  
NE/4 Sec.25-29S-09W  
Kingman County, Kansas

Dear Mark Molitor:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 5/19/2014 and the ACO-1 was received on October 06, 2014 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department

Customer: <b>MOTOR OIL</b>	Lease No:	Date: <b>6-1-14</b>
Lease: <b>Baher</b>	Well #: <b>3</b>	
Field Order #: <b>10614</b>	Station: <b>Pratt</b>	Casing: <b>OP</b>
Type Job: <b>LOW PTA</b>	Formation:	County: <b>Kingman</b>
		State: <b>KS</b>
		Legal Description: <b>25 29 9</b>

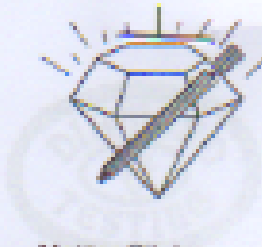
PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
<b>OP</b>								
Depth <b>4723</b>	Depth	From	To	Pre Pad	Max			5 Min.
Volume	Volume	From	To	Pad	Min			10 Min.
Max Press	Max Press	From	To	Free	Avg			15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume			Total Load

Customer Representative: **SCOTT** Station Manager: **KEVIN** Treater: **JOE**

Service Units	<b>19809</b>	<b>19843</b>	<b>19826</b>	<b>19860</b>		<b>28443</b>			
Driver Names	<b>ED</b>		<b>JOE</b>			<b>JOE</b>			

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<b>1530</b>					<b>ON LOG / safety meeting</b>
					<b>Plug 1 set @ 4723'</b>
<b>1410</b>	<b>200</b>		<b>15</b>	<b>4</b>	<b>H2O spacer</b>
			<b>12</b>	<b>4</b>	<b>MIX 50 SK 60/40 POZ @ 13.7"</b>
			<b>3</b>		<b>H2O spacer</b>
<b>1437</b>	<b>200</b>		<b>60</b>	<b>4</b>	<b>RRLS of mud</b>
					<b>Plug 2 set @ 1350'</b>
<b>1315</b>	<b>100</b>		<b>15</b>	<b>4</b>	<b>H2O spacer</b>
			<b>8</b>		<b>MIX 35 SK of 60/40 POZ @ 13.7"</b>
<b>1325</b>	<b>100</b>		<b>3</b>	<b>4</b>	<b>H2O spacer</b>
					<b>Plug 3 set @ 900'</b>
<b>1335</b>	<b>100</b>		<b>10</b>	<b>4</b>	<b>H2O spacer</b>
			<b>8</b>		<b>MIX 35 SK of 60/40 POZ @ 13.7"</b>
<b>1340</b>	<b>100</b>		<b>2</b>	<b>4</b>	<b>H2O spacer</b>
					<b>Plug 4 set @ 275'</b>
<b>1300</b>	<b>10</b>		<b>5</b>	<b>4</b>	<b>H2O spacer</b>
			<b>8</b>		<b>MIX 35 SK of 60/40 POZ @ 13.7"</b>
<b>1309</b>			<b>1</b>	<b>4</b>	<b>H2O spacer</b>
					<b>Plug 5 set @ 60'</b>
<b>1324</b>			<b>6</b>		<b>MIX 25 SK 60/40 POZ @ 13.7"</b>
<b>1430</b>			<b>6</b>		<b>RH</b>

**JOB COMPLETE Thankyou JOE**



**DIAMOND TESTING, LLC**  
 P.O. Box 167  
**HOISINGTON, KANSAS 67544**  
 (620) 653-7550 • (800) 542-7313  
 bohrer3dst1

Company Molitor Oil, Inc. Lease & Well No. Bohrer No. 3  
 Elevation 1678 KB Formation Mississippi Effective Pay \_\_\_\_\_ Ft. Ticket No. K12  
 Date 5-28-14 Sec. 25 Twp. 29S Range 9W County Kingman State Kansas  
 Test Approved By Max Lovely Diamond Representative Jason McLamore

Formation Test No. 1 Interval Tested from 4,256 ft. to 4,269 ft. Total Depth 4,269 ft.  
 Packer Depth 4,251 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Packer Depth 4,258 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Depth of Selective Zone Set \_\_\_\_\_ ft.

Top Recorder Depth (Inside) 4,237 ft. Recorder Number 5513 Cap. 5,000  
 Bottom Recorder Depth (Outside) 4,238 ft. Recorder Number 5588 Cap. 6,000  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_

Drilling Contractor Hardt Drilling, LLC - Rig 1 Drill Collar Length 118 ft. I.D. \_\_\_\_\_  
 Mud Type Chemical Viscosity 47 Weight Pipe Length \_\_\_\_\_ ft. I.D. \_\_\_\_\_  
 Weight 9.3 Water Loss 9.0 cc. Drill Pipe Length 4,105 ft. I.D. 3 1/2  
 Chlorides 3,000 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2-FH  
 Jars: Make Starling Serial Number 6 Anchor Length 13 ft. Size 4 1/2-FH  
 Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8  
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH

Blow: 1st Open: Strong blow increasing. Off bottom of bucket in 1 min. No blow back during shut-in.  
2nd Open: Strong blow increasing. Off bottom of bucket on open. Gas to surface in 8 mins. Gauged gas. No blow back during shut-in. (SEE GAS VOLUME REPORT)

Recovered 70 ft. of gas cut watery mud = 344400 bbls. (Gird out: 10%-gas, 65%-water, 25%-mud) Chlorides 48,000 Ppm PH: 7.0  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Remarks \_\_\_\_\_

Time Set Packer(s) 1:41 P.M. Time Started off Bottom 5:28 P.M. Maximum Temperature 120°  
 Initial Hydrostatic Pressure.....(A) 2082 P.S.I.  
 Initial Flow Period.....Minutes 30 (B) 28 P.S.I. to (C) 50 P.S.I.  
 Initial Closed In Period.....Minutes 45 (D) 674 P.S.I.  
 Final Flow Period.....Minutes 60 (E) 27 P.S.I. to (F) 48 P.S.I.  
 Final Closed In Period.....Minutes 90 (G) 669 P.S.I.  
 Final Hydrostatic Pressure.....(H) 2007 P.S.I.



**DIAMOND TESTING, LLC**  
 P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
 (620) 653-7550 • (800) 542-7313  
 bohrer3dst2

CELL # 620-917-0527

Company Moltor Oil, Inc. Lease & Well No. Bohrer No. 3  
 Elevation 1678 KB Formation Mississippi Effective Pay \_\_\_\_\_ Ft. Ticket No. \_\_\_\_\_  
 Date 5-29-14 Sec. 25 Twp. 29S Range 9W County Kingman State Kansas  
 Test Approved By Max Lovely Diamond Representative Jason McLemore

Formation Test No. 2 Interval Tested from 4,270 ft to 4,300 ft Total Depth 4,300 ft  
 Packer Depth 4,265 ft Size 6 3/4 in Packer Depth \_\_\_\_\_ ft Size \_\_\_\_\_ in  
 Packer Depth 4,270 ft Size 6 3/4 in Packer Depth \_\_\_\_\_ ft Size \_\_\_\_\_ in  
 Depth of Selective Zone Set \_\_\_\_\_ ft

Top Recorder Depth (Inside) 4,251 ft Recorder Number 5513 Cap. 5.00  
 Bottom Recorder Depth (Outside) 4,252 ft Recorder Number 5588 Cap. 6.00  
 Below Straddle Recorder Depth \_\_\_\_\_ ft Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_

Drilling Contractor Hardt Drilling, LLC - Rig 1 Drill Collar Length 118 ft I.D. \_\_\_\_\_  
 Mud Type Chemical Viscosity 47 Weight Pipe Length \_\_\_\_\_ ft I.D. \_\_\_\_\_  
 Weight 9.3 Water Loss 9.0 cc. Drill Pipe Length 4,119 ft I.D. \_\_\_\_\_  
 Chlorides 3,000 P.P.M. Test Tool Length 33 ft Tool Size 3 1/2  
 Jars: Make Sterling Serial Number 6 Anchor Length 30 ft Size 4 1/2-F  
 Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size \_\_\_\_\_  
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-F

Blow: 1st Open: Strong blow increasing. Off bottom of bucket in 30 secs. No blow back during shut-in.  
 2nd Open: Strong blow increasing. Off bottom of bucket on open. Gas to surface in 6 mins. Gauged gas. 1/2 in. blow back during shut-in. (SEE GAS VOLUME REPORT)

Recovered 365 ft. of gas out muddy water = 4.065370 bbls. (Grind out: 10%-gas, 90%-water, 10%-mud) Chlorides: 49,000 Ppm PH: 7.0  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Remarks \_\_\_\_\_

Time Set Packer(s) 4:17 A.M. Time Started off Bottom 8:02 A.M. Maximum Temperature 124°  
 Initial Hydrostatic Pressure \_\_\_\_\_ (A) 2038 P.S.I.  
 Initial Flow Period \_\_\_\_\_ Minutes 30 (B) 34 P.S.I. to (C) 84 P.S.I.  
 Initial Closed In Period \_\_\_\_\_ Minutes 45 (D) 662 P.S.I.  
 Final Flow Period \_\_\_\_\_ Minutes 60 (E) 86 P.S.I. to (F) 184 P.S.I.  
 Final Closed In Period \_\_\_\_\_ Minutes 90 (G) 669 P.S.I.  
 Final Hydrostatic Pressure \_\_\_\_\_ (H) 2023 P.S.I.



**DIAMOND TESTING, LLC**

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bohrer3dst3

JAKE  
FAHRENBRUCH - TESTER

P.O. Box 157  
Hoisington KS 67544  
(800) 542-7313

Company Molitor Oil, Inc. Lease & Well No. Bohrer No. 3

Elevation 1678 KB Formation Viola Effective Pay \_\_\_\_\_ Ft. Ticket No. \_\_\_\_\_

Date 5-30-14 Sec. 25 Twp. 29S Range 9W County Kingman State Kansas

Test Approved By Max Lovely Diamond Representative Jake Fahrenbruch

Formation Test No. 3 Interval Tested from 4,528 ft. to 4,555 ft. Total Depth 4,555 ft.

Packer Depth 4,523 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.

Packer Depth 4,528 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.

Depth of Selective Zone Set \_\_\_\_\_ ft.

Top Recorder Depth (Inside) 4,506 ft. Recorder Number 5584 Cap. 5,000

Bottom Recorder Depth (Outside) 4,529 ft. Recorder Number 5951 Cap. 5,000

Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_

Drilling Contractor Hardt Drilling, LLC - Rig 1 Drill Collar Length 120 ft. I.D. \_\_\_\_\_

Mud Type Chemical Viscosity 53 Weight Pipe Length \_\_\_\_\_ ft. I.D. \_\_\_\_\_

Weight 9.0 Water Loss 9.2 cc. Drill Pipe Length 4,375 ft. I.D. 3 1/2

Chlorides 5,800 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2

Jars: Make Sterling Serial Number 5 Anchor Length 37 ft. Size 4 1/2-F

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size \_\_\_\_\_

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-F

Blow 1st Open: Very weak surface blow increasing to 1/4 in. in 15 mins. Blow died. No blow back during shut-in.

2nd Open: No blow. No blow back during shut-in.

Recovered 10 ft. of drilling mud = .040200 bbls.

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks \_\_\_\_\_

Time Set Packer(s) 6:01 A.M. Time Started off Bottom 8:31 A.M. Maximum Temperature 120°

Initial Hydrostatic Pressure.....(A) 2224 P.S.I.

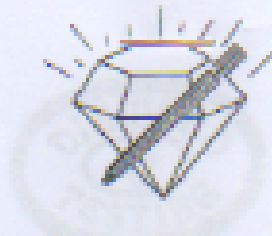
Initial Flow Period.....Minutes 30 (B) 8 P.S.I. to (C) 22 P.S.I.

Initial Closed In Period.....Minutes 45 (D) 1507 P.S.I.

Final Flow Period.....Minutes 30 (E) 25 P.S.I. to (F) 35 P.S.I.

Final Closed In Period.....Minutes 45 (G) 1498 P.S.I.

Final Hydrostatic Pressure.....(H) 2225 P.S.I.



**DIAMOND TESTING, LLC**  
 P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
 (620) 653-7550 • (800) 542-7313  
 bohrer3dst4

CELL # 820-617-0527

Company Molitor Oil, Inc. Lease & Well No. Bohrer No. 3  
 Elevation 1678 KB Formation Simpson Sand Effective Pay      -- Ft. Ticket No. K131  
 Date 5-30-14 Sec. 25 Tap. 29S Range 9W County Kingman State Kansas  
 Test Approved By Max Lovely Diamond Representative Jason McLemore

Formation Test No. 4 Interval Tested from 4,589 ft. to 4,595 ft. Total Depth 4,595 ft.  
 Packer Depth 4,584 ft. Size 6 3/4 in. Packer Depth      ft. Size      in.  
 Packer Depth 4,589 ft. Size 6 3/4 in. Packer Depth      ft. Size      in.  
 Depth of Selective Zone Set      ft.

Top Recorder Depth (Inside) 4,582 ft. Recorder Number 5851 Cap. 5,000 psi  
 Bottom Recorder Depth (Outside) 4,592 ft. Recorder Number 5884 Cap. 5,000 psi  
 Below Straddle Recorder Depth      ft. Recorder Number      Cap.      psi

Drilling Contractor Hardt Drilling, LLC - Rig 1 Drill Collar Length 180 ft. I.D. 2 1/4  
 Mud Type Chemical Viscosity 47 Weight Pipe Length      ft. I.D.       
 Weight 9.3 Water Loss 9.0 cc. Drill Pipe Length 4,378 ft. I.D. 3 1/2  
 Chlorides 3,000 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2-IF  
 Jars: Make Sterling Serial Number 6 Anchor Length 6 ft. Size 4 1/2-FH  
 Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8  
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH

Blow 1st Open: No blow. No blow back during shut-in.  
2nd Open: No blow. No blow back during shut-in.

Recovered 1 ft. of drilling mud = .004600 bbls.  
 Recovered      ft. of       
 Recovered      ft. of       
 Recovered      ft. of       
 Recovered      ft. of       
 Recovered      ft. of       
 Remarks     

Time Set Packer(s) 9:45 P.M. Time Started off Bottom 12:15 A.M. Maximum Temperature 120°  
 Initial Hydrostatic Pressure      (A) 2180 P.S.I.  
 Initial Flow Period      Minutes 30 (B) 8 P.S.I. to (C) 12 P.S.I.  
 Initial Closed In Period      Minutes 45 (D) 52 P.S.I.  
 Final Flow Period      Minutes 30 (E) 10 P.S.I. to (F) 13 P.S.I.  
 Final Closed In Period      Minutes 45 (G) 30 P.S.I.  
 Final Hydrostatic Pressure      (H) 2170 P.S.I.





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 P.O. Box 167  
**HOISINGTON, KANSAS 67544**  
 (620) 653-7550 - (800) 542-7313  
 bohrer3dst5

Company Molitor Oil, Inc. Lease & Well No. Bohrer No. 3  
 Elevation 1678 KB Formation Simpson Sand Effective Pay          Ft. Ticket No. K132  
 Date 5-31-14 Sec. 25 Twp. 29S Range 9W County Kingman State Kansas  
 Test Approved By Max Lovely Diamond Representative Jason McLamore

Formation Test No. 5 Interval Tested from 4,618 ft. to 4,626 ft. Total Depth 4,639 ft.  
 Packer Depth 4,613 ft. Size 6 3/4 in. Packer Depth 4,626 ft. Size 6 3/4 in.  
 Packer Depth 4,618 ft. Size 6 3/4 in. Packer Depth          ft. Size          in.  
 Depth of Selective Zone Set 4,626 ft.

Top Recorder Depth (Inside) 4,599 ft. Recorder Number 5588 Cap. 8,000 psi  
 Bottom Recorder Depth (Outside) 4,623 ft. Recorder Number 13556 Cap. 4,425 psi  
 Below Straddle Recorder Depth 4,636 ft. Recorder Number 5513 Cap. 8,000 psi

Drilling Contractor Hardt Drilling, LLC - Rig 1 Drill Collar Length 186 ft. I.D. #2 1/4 in.  
 Mud Type Chemical Viscosity 47 Weight Pipe Length          ft. I.D.          in.  
 Weight 9.3 Water Loss 9.2 cc. Drill Pipe Length 4,399 ft. I.D. 3 1/2 in.  
 Chlorides 5,000 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2-IH in.  
 Jars: Make Sterling Serial Number 6 Anchor Length 8' perf. w/13' tail 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 increasing. Off bottom of bucket in 34 secs. Open 5 mins. Pulled tool. No blow back during shut-in.  
 2nd Open: N/A

Recovered 434 ft. of gas in pipe  
 Recovered 1,165 ft. of gas out muddy water = 14.860520 bbls. (Grind out: 10%-gas; 85%-water; 5%-mud) Chlorides: 50,000 Ppm PH: 7.6  
 Recovered 1,165 ft. of TOTAL FLUID = 14.860520 bbls  
 Recovered          ft. of           
 Recovered          ft. of           
 Recovered          ft. of           
 Remarks         

Time Set Packer(s) 3:24 P.M. Time Started off Bottom 3:29 P.M. Maximum Temperature 137°  
 Initial Hydrostatic Pressure.....(A) 2273 P.S.I.  
 Initial Flow Period.....Minutes 6 (B) 445 P.S.I. to (C) 721 P.S.I.  
 Initial Closed In Period.....Minutes 0 (D)          P.S.I.  
 Final Flow Period.....Minutes 0 (E)          P.S.I. to (F)          P.S.I.  
 Final Closed In Period.....Minutes 0 (G)          P.S.I.  
 Final Hydrostatic Pressure.....(H) 2254 P.S.I.