

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33186

Name: LB Exploration, Inc.

Address 1: 2135 2nd Road

Address 2: _____

City: Holyrood State: KS Zip: 67450 + _____

Contact Person: Michael Petermann

Phone: (785) 252-8034

CONTRACTOR: License # 33724

Name: Warren Drilling, LLC

Wellsite Geologist: James C. Musgrove

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil SWD SIOW
- Gas ENHR SIGW
- CM (Coal Bed Methane) Temp. Abd.
- Dry Other _____
(Core, WSW, Expl., Cathodic, 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: _____ Plug Back Total Depth _____

Commingled Docket No.: _____

Dual Completion Docket No.: _____

Other (SWD or Enhr.?) Docket No.: _____

8/8/2006 8/17/2006 8/17/06

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

API No. 15 - 053-21186-0000

Spot Description: 30' South and 60' East

N/2 S/2 NE Sec. 34 Twp. 16 S. R. 10 East West

3600 Feet from North / South Line of Section

1260 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Ellsworth

Lease Name: Matosh Well #: 7

Field Name: Stoltenberg

Producing Formation: _____

Elevation: Ground: 1803' Kelly Bushing: 1809'

Total Depth: 3357' Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 586 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 AH I NCR 9-18-09
(Data must be collected from the Reserve Pit)

Chloride content: 7000 ppm Fluid volume: 1000 bbls

Dewatering method used: Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License No.: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Docket No.: _____

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.

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: [Signature]

Title: Pres. Date: 7/13/09

Subscribed and sworn to before me this 13th day of July

20 09.

Notary Public: [Signature]

Date Commission Expires: 6-13-11



KCC Office Use ONLY

Letter of Confidentiality Received

If Denied, Yes Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

Operator Name: LB Exploration, Inc. Lease Name: Matosh Well #: 7
 Sec. 34 Twp. 16 S. R. 10 East West County: Ellsworth

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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy)

Log Formation (Top), Depth and Datum Sample
 Name see attached Top Datum

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List All E. Logs Run:
 dual compensated porosity, dual induction, ✓
 microresistivity, borehole compensated sonic

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#	586'	common	300 sx	3% cc 2% gel
production	7-7/8"	5-1/2"	14#	3359'	ASC	125 sx	5# Kolseal

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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3258' - 3264'	Gas gun	3258' - 3264'
		250 gal 7-1/2% MCA	3258' - 3264'
		500 gal 28%	3258' - 3264'

TUBING RECORD: Size: <u>2-3/8"</u> Set At: <u>3317'</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr. _____		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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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ALLIED CEMENTING CO., INC. 24216

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

SERVICE POINT:

At Bond

DATE <u>8-18-06</u>	SEC. <u>34</u>	TWP. <u>16</u>	RANGE <u>10</u>	CALLED OUT <u>2:00 AM</u>	ON LOCATION <u>6:00 AM</u>	JOB START <u>1:45 PM</u>	JOB FINISH <u>3:30 PM</u>
LEASE <u>Motosh</u>			WELL # <u>7</u>	LOCATION <u>Holyard E/S 20, 1/4 W, 3/5</u>		COUNTY <u>Ellsworth</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Women #10

TYPE OF JOB Production

HOLE SIZE 7 7/8" T.D. 3360'

CASING SIZE 5 1/2" DEPTH 3359'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX 1200 # MINIMUM _____

MEAS. LINE _____ SHOE JOINT 30'

CEMENT LEFT IN CSG. 30'

PERFS. _____

DISPLACEMENT 8 1/4 bbls

OWNER Some

CEMENT

AMOUNT ORDERED 125 gal ASC 5# Kolman/pt

500 gal ASF

EQUIPMENT

PUMP TRUCK CEMENTER Tom D

181 HELPER Bruch H

BULK TRUCK

342 DRIVER Kevin KANSAS CORPORATION COMMISSION

BULK TRUCK

_____ DRIVER _____

COMMON	@	_____	_____
POZMIX	@	_____	_____
GEL	@	<u>2.24</u>	<u>16.65</u> <u>33.30</u>
CHLORIDE	@	_____	_____
ASC	@	<u>125 GAL</u>	<u>13.10</u> <u>1631.50</u>
<u>KOLMAN</u>	@	<u>625 #</u>	<u>7.0</u> <u>437.50</u>
<u>SALT</u>	@	<u>80 gal</u>	<u>19.20</u> <u>153.60</u>
<u>LOKIL</u>	@	<u>8 GAL</u>	<u>25.00</u> <u>200.00</u>
<u>ASTURSH</u>	@	<u>500 GAL</u>	<u>1.00</u> <u>500.00</u>
_____	@	_____	_____
_____	@	_____	_____
_____	@	_____	_____
HANDLING	@	<u>157.44</u>	<u>1.90</u> <u>298.30</u>
RELEASE	@	<u>157.44 09 25</u>	<u>353.25</u>

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REMARKS:

Run 3359' of 5 1/2" pipe. Broke circulation. Circulated 1/2 hr. Dumped 500 gal ASF. Mixed 110 gal ASC 5# Kolman/pt. Washed pipe clean of cement. Released plug. Displaced with 270 Kch water. Landed Plug @ 1200 # Released & Held. Plugged both hole w/ 15 gal.

TOTAL 3613.45

SERVICE

DEPTH OF JOB <u>3359'</u>	_____	_____
PUMP TRUCK CHARGE	_____	<u>1610.00</u>
EXTRA FOOTAGE	@	_____
MILEAGE	@	<u>25.</u> <u>6.00</u> <u>150.00</u>
MANIFOLD	@	_____
_____	@	_____

TOTAL 1760.00

CHARGE TO: L.B. Exploration

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

<u>1.5 1/2" float shoe</u>	@	<u>263.00</u>	<u>263.00</u>
<u>1.5 1/2" latchdown plug</u>	@	<u>375.00</u>	<u>375.00</u>

[Signature]

JAMES C. MUSGROVE

Petroleum Geologist
P.O. Box 1162
Great Bend, KS 67530

Office (620) 792-7716

Res. Claflin (620) 587-3444

LB Exploration
Matosh #7
30' S & 60' E, N/2-S/2-NE; Section 34-16s-10w
Ellsworth County, Kansas
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KANSAS CORPORATION COMMISSION

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5 1/2" Production Casing Set

Contractor: Warren Drilling Company (Rig #10)
Commenced: August 8, 2006
Completed: August 17, 2006
Elevation: 1809' K.B.; 1808' D.F.; 1803' G.L.
Casing Program: Surface; 8 5/8" @ 586'
Production; 5 1/2" @ 3359'
Samples: Samples saved and examined 2700' to the Rotary Total Depth.
Drilling Time: One (1) foot drilling time recorded and kept 2700' to the Rotary Total Depth.
Measurements: All depths measured from the Kelly Bushing.
Formation Testing: There were two (2) Drill Stem Tests ran by Superior Testers.
Electric Log: By Log Tech; Dual Induction, Dual Compensated Porosity Micro & Sonic.
Gas Detector: None.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	575	+1234
Heebner	2820	-1011
Toronto	2840	-1031
Douglas	2850	-1041
Brown Lime	2926	-1117
Lansing	2943	-1134
Base Kansas City	3220	-1411
Arbuckle	3257	-1448
Rotary Total Depth	3360	-1551
Log Total Depth	3357	-1548

(All tops and zones corrected to Electric Log measurements).

SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.

TOPEKA SECTION

2780-2790' Limestone; tan, sub oomoldic, chalky, fair porosity, no show.

TORONTO SECTION

2840-2850' Limestone; white, cream, finely crystalline, chalky, scattered pinpoint porosity, no shows.

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LANSING SECTION

- 2943-2950' Limestone; gray, cream, finely crystalline, few fossiliferous, granular in part, chalky, no shows.
- 2975-2982' Limestone; tan, highly oolitic/fossiliferous, slightly cherty (dense).
- 2996-3004' Limestone; gray, sub oomoldic, chalky, trace brown and gray stain show of free oil and faint odor in fresh samples, trace gray and white, oolitic, chert.
- 3014-3018' Limestone; tan, buff, finely crystalline, fossiliferous, poorly developed porosity, (barren).
- 3021-3029' Limestone; tan, buff, highly oolitic, chalky in part, poor visible porosity, no shows.
- 3038-3042' Limestone; tan, oomoldic, fair oomoldic porosity (barren).
- 3046-3058' Limestone; as above, no shows.
- 3092-3099' Limestone; tan, gray, sub oomoldic, slightly cherty, poorly developed porosity, no shows.
- 3106-3114' Limestone; as above, no shows.
- 3121-3131' Limestone; tan, oolitic, sub oomoldic, few fossiliferous, chalky, brown to golden brown spotty stain, weak show of free oil and no odor in fresh samples.
- 3138-3142' Limestone; as above.
- 3161-3170' Limestone; gray, light gray, finely crystalline, sub oomoldic, chalky, poor visible porosity, no shows.
- 3180-3190' Limestone; as above, fossiliferous, trace amber chert, no shows.

MARMATON SECTION

- 3241-3257' Limestone; white, cream, fine to medium crystalline, chalky, trace white, chert.

ARBUCKLE SECTION

- 3257-3258' Dolomite; gray, tan, finely crystalline, few medium crystalline, scattered porosity, trace stain, no show of free oil or odor in fresh samples.
- 3258-3268' Dolomite; tan, buff, finely crystalline, sucrosic, golden brown stain, trace of free oil and fair to good odor in fresh samples.

Drill Stem Test #1 **3208-3271' (log measurements 3205-3268)**

Times: 30-30-60-45

Blow: Weak (surface)
 Final Flow; weak to fair (6 inches)

Recovery: 180' gas in pipe
 15' clean gassy oil
 65' oil cut mud
 (35% oil, 65% gas)

Pressures: ISIP 1008 psi
 FSIP 1007 psi
 IFP 55-73 psi
 FFP 76-93 psi
 HSH 1627-1586 psi

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3268-3277' Dolomite; tan, pink, sucrosic in part, scattered pinpoint and vuggy porosity, trace light brown to golden brown stain, trace of free oil and faint odor in fresh samples.

Drill Stem Test #2 **3270-3280' (log measurements 3267-3277)**

Times: 30-30-30-30

Blow: Weak

Recovery: 2' clean oil
 60' slightly oil cut mud
 (3% oil, 95% mud, 2% water)

Pressures: ISIP 944 psi
 FSIP 943 psi
 IFP 27-44 psi
 FFP 46-58 psi
 HSH 1630-1611 psi

3277-3290' Dolomite; white, gray, medium crystalline, fair intercrystalline porosity, brown to golden brown stain, show of free oil and faint odor in fresh samples.

33290-3310' Dolomite; as above.

3310-3320' Dolomite; tan, buff, finely crystalline, slightly cherty, poor visible porosity, trace brown stain, trace of free oil and faint odor in fresh samples.

3320-3340' Dolomite; as above, trace chert, white, no shows, faint odor.

3340-3357' Dolomite; as above, no shows, plus trace white, chert.

Rotary Total Depth 3360 (-1551)
Log Total Depth 3357 (-1548)

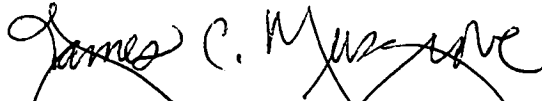
Recommendations:

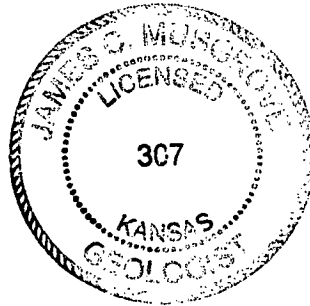
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On the basis of the favorable structural position and the positive results of Drill Stem Test #1, it was recommended by all parties involved to set and cement 5 1/2" production casing one foot off bottom and the following zones be perforated in the Matosh #7:

1. Arbuckle 3258-3264 perforate

Respectfully submitted;


James C. Musgrove
Petroleum Geologist



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