

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 32499  
Name: LB Exploration  
Address: 2432 N. Crestline  
City/State/Zip: Wichita, KS 67205  
Purchaser: n/a  
Operator Contact Person: Michael Petermann  
Phone: (785) 252-3271  
Contractor: Name: Mallard JV Inc.  
License: A958

Wellsite Geologist: James Musgrove

Designate Type of Completion:  
New Well  Re-Entry  Workover   
Oil  SWD  SLOW  Temp. Abd.   
Gas  ENHR  SIGW   
Dry  Other (Core, WSW, Expl., Cathodic, etc)

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

Operator: Cherokee Resources Inc.

Well Name: Unruh #1

Original Comp. Date: 1/11/77 Original Total Depth: 4974

Deepening  Re-perf.  Conv. to Enhr./SWD

Plug Back  Plug Back Total Depth

Commingled  Docket No.

Dual Completion  Docket No.

Other (SWD or Enhr.?) Docket No. No DOCKET NUMBER

6/8/00 6/11/00 n/a  
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15-097-20364-00-01

County: Kiowa

SE NE SW Sec. 2 Twp. 29S S. R. 19  East  West

1650 feet from (S) N (circle one) Line of Section

2,310 feet from E (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(Formerly (circle one) NE SE NW (SW) UNRUH #1)

Lease Name: Schmidt (OWWO) Well #: 1

Field Name: Joy Station SE

REPRESSURED Producing Formation: Mississippian

Elevation: Ground: 2291 Kelly Bushing: 2296

Total Depth: 5,052 Plug Back Total Depth:

Amount of Surface Pipe Set and Cemented at 289 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 REENTRY 10/30/02  
(Data must be collected from the Reserve Pit)

Chloride content 9 ppm Fluid volume 300 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: KLE Monahan

Title: Secretary/Treasurer Date: 10/9/00

Subscribed and sworn to before me this 9th day of October

2000

Notary Public: Terry Manahan

Date Commission Expires: 3/30/2002



KCC Office Use ONLY  
 Letter of Confidentiality Attached  
 If Denied, Yes  Date:   
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

X

# ORIGINAL

Operator Name: LB Exploration Lease Name: Schmidt Well #: 1  
 Sec. 2 Twp. 29S S. R. 19  East  West County: Kiowa

**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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run: <b>NONE</b>	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum  <div style="text-align: center;"> <b>RECEIVED</b>          KANSAS CORPORATION COMMISSION   <b>OCT 09 2000</b>           CONSERVATION DIVISION          WICHITA, KS       </div>
--	--

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
Isolate Formation	7 7/8"	4 1/2"	10 1/2	5051	ASC	160	60/40 POZ 6% GEL

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
2	4,961' - 4,964'	1,000 Gal 15% HCL	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	5,004'	---	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Enhr. <b>n/a PENDING KCC APPROVAL</b>	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
	n/a	n/a	n/a		

Disposition of Gas **METHOD OF COMPLETION** **INJECTION** ~~Production~~ Interval **4961' - 4964'**

Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  
*(If vented, Sumit ACO-18.)*  Other (Specify) \_\_\_\_\_

**JAMES C. MUSGROVE**

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

ORIGINAL

Office (316) 792-7716

Res. Claflin (316) 587-3444

LB Exploration Inc.  
Schmidt 'OWWO' #1  
SE-NE-SW, Section 2-29s-19w  
Kiowa County, Kansas  
Page No. 1

RECEIVED  
CORPORATION COMMISSION

**4 1/2" Production Casing Set**

OCT 09 2000

**Contractor:** Mallard JV Inc.  
**Commenced:** June 9, 2000  
**Completed:** June 11, 2000  
**Elevation:** 2296' K.B.; 2293' D.F.; 2291' G. L.  
**Casing Program:** Surface; 8 5/8" @289'  
Production; 4 1/2" @ 5050' (two feet off bottom)  
**Samples:** Samples saved 5010-5052'  
Samples skipped from 4974-5010'  
**Drilling Time:** One (1) foot drilling time recorded by geologist 5010-5052 ft.  
Drilling time skipped 4974-5010'.  
**Measurements:** All depths measured from the Kelly Bushing.  
**Formation Testing:** None.  
**Electric Log:** None.

CONSERVATION DIVISION  
WICHITA, KS

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

**MISSISSIPPIAN SECTION**

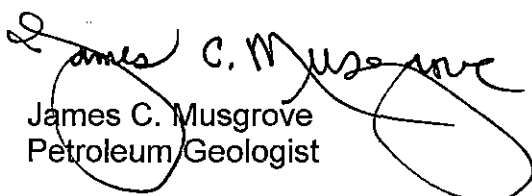
4974-5010' Sample, skipped.  
5010-5030' Chert; white to gray, fossiliferous, boney, few fresh, good to fair golden to yellow fluorescence.  
5030-5052' Chert; as above, scattered white to gray dolomitic limestone, questionable edge staining in chert, fair bright yellow fluorescence, no show of free oil or odor in fresh samples.

**Rotary Total Depth 5052 (-2756)**

**Recommendations:**

At Rotary Total Depth of 5052 (-2756) an open hole log was attempted. The hole conditions prevented a successful log. It was recommended that 4-1/2" production casing be set and cemented at 5050 (two feet off bottom) and the Schmidt 'OWWO' #1 be completed in the Mississippian Section. Perforation to be determined from cased hole log.

Respectfully submitted;

  
James C. Musgrove  
Petroleum Geologist

**ALLIED CEMENTING CO., INC.**

P.O. BOX 31  
 RUSSELL, KS 67665  
 PH (785) 483-3887  
 FAX (785) 483-5566

**ORIGINAL**

**INVOICE**

Invoice Number: 081508

Invoice Date: 06/11/00

**RECEIVED**  
 KANSAS CORPORATION COMMISSION

**OCT 09 2000**

CONSERVATION DIVISION  
 WICHITA, KS

Sold To: L B Exploration, Inc.  
 2432 Crestline  
 Wichita, KS  
 67205

Cust. I.D. : LBExp  
 P.O. Number : Schmidt #10WWO  
 P.O. Date : 06/11/00

Due Date : 07/11/00  
 Terms : Net 30

Item I.D./Desc.	Qty. Used	Unit	Price	Net	TX
Common	15.00	SKS	6.3500	95.25	E
Pozmix	10.00	SKS	3.2500	32.50	E
Gel	1.00	SKS	9.5000	9.50	E
ASC	160.00	SKS	8.2000	1312.00	E
KolSeal	800.00	LBS	0.3800	304.00	E
ASF	500.00	GAL	1.0000	500.00	E
ClaPro	10.00	GAL	22.9000	229.00	E
Handling	185.00	SKS	1.0500	194.25	E
Mileage (40)	40.00	MILE	7.4000	296.00	E
185 sks @\$ .04 per sk per mi					
Production	1.00	JOB	1290.0000	1290.00	E
Mileage pmp trk	40.00	MILE	3.0000	120.00	E
Rubber plug	1.00	EACH	38.0000	38.00	E
Guide Shoe	1.00	EACH	125.0000	125.00	E
AFU Insert	1.00	EACH	210.0000	210.00	E
Centralizers	5.00	EACH	45.0000	225.00	E

All Prices Are Net, Payable 30 Days Following  
 Date of Invoice. 1 1/2% Charged Thereafter.  
 If Account CURRENT take Discount of \$ 498.05  
 ONLY if paid within 30 days from Invoice Date

Subtotal: 4980.50  
 Tax: 0.00  
 Payments: 0.00  
 Total: 4980.50

4980.50  
498.05  
 4482.45  
 560.00  
3922.45

*pd*  
*chk 1034*  
*6/18/00*

FOR KCC USE:

EFFECTIVE DATE: 5-31-2000

DISTRICT # 1

SGA? Yes X No

Must be approved by the K.C.C. five (5) days prior to commencing well.

Expected Spud Date 6 2 2000  
month day year

Sec. SE NE SW Sec 2 Twp 29 S, Rg 19 East  
X West

OPERATOR: License # 32499  
Name: J.R. Exploration, Inc.  
Address: 2432 Crestline  
City/State/Zip: Wichita, Ks 67206  
Contact Person: Michael Petermann  
Phone: (316) 722-9001

1650 feet from South / North line of Section  
2310 feet from East West line of Section

IS SECTION X REGULAR IRREGULAR?

(NOTE: Locate well on the Section Plat on Reverse Side)

County: kiowa

Lease Name: Schmidt Well #: 1

Field Name: Joy Station SE

Is this a Prorated/Spaced Field? yes X no

Target Formation(s): Mississippian

Nearest lease or unit boundary: 330 ft

Ground Surface Elevation: 2291 feet NSL

Water well within one-quarter mile: X yes no

Public water supply well within one mile: yes X no

Depth to bottom of fresh water: 200

Depth to bottom of usable water: 229

Surface Pipe by Alternate: X 1 2

Length of Surface Pipe Planned to be set: 289

Length of Conductor pipe required: 497

Projected Total Depth: 497

Formation at Total Depth: Mississippian

Water Source for Drilling Operations:  
X well farm pond other

CONTRACTOR: License # 4958  
Name: McVard, IV, Inc.

Well Drilled For: Well Class: Type Equipment:  
X Oil ... Enh Rec X Infield X Mud Rotary  
X Gas ... Storage ... Pool Ext. ... Air Rotary  
X OJMO ... Disposal ... Wildcat ... Cable  
... Seismic; ... # of Holes ... Other

If OJMO: old well information as follows:  
Operator: Cherokee Resources, Inc.  
Well Name: Unruh #1  
Comp. Date: 1/11/77 Old Total Depth 4974

Directional, Deviated or Horizontal wellbore? yes X no  
If yes, true vertical depth: \_\_\_\_\_  
Bottom Hole Location: \_\_\_\_\_

Will Cores Be Taken? yes X no  
If yes, proposed zones: \_\_\_\_\_

**AFFIDAVIT**

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101, et. seq.

- It is agreed that the following minimum requirements will be met:
1. Notify the appropriate district office prior to spudding of well;
  2. A copy of the approved notice of intent to drill shall be posted on each drilling rig;
  3. The minimum amount of surface pipe as specified below shall be set by circulating cement to the top; in all cases surface pipe shall be set through all unconsolidated materials plus a minimum of 20 feet into the underlying formation;
  4. If the well is dry hole, an agreement between the operator and the district office on plug length and placement is necessary prior to plugging;
  5. The appropriate district office will be notified before well is either plugged or production casing is cemented in;
  6. IF AN ALTERNATE IS COMPLETED, PRODUCTION PIPE SHALL BE CEMENTED FROM BELOW ANY USABLE WATER TO SURFACE WITHIN 120 DAYS OF SPUD DATE. IN ALL CASES, NOTIFY DISTRICT OFFICE PRIOR TO ANY CEMENTING.

hereby certify that the statements made herein are true and to the best of my knowledge and belief.  
Date: 5/26/00 Signature of Operator or Agent: Michael Petermann Title: President

FOR KCC USE:  
API # 15- 097-20364-0001  
Conductor pipe required NOUS feet  
Minimum surface pipe required 289 feet per Alt. 1  
Approved by: JK 5-26-2000  
This authorization expires: 11-26-2000  
(This authorization void if drilling not started within 6 months of effective date.)  
Spud date: \_\_\_\_\_ Agent: \_\_\_\_\_

RECEIVED  
KANSAS CORPORATION COMMISSION

MAY 26 2000

CONSERVATION DIVISION  
WICHITA, KS

- REMEMBER TO:
- File Drill Pit Application (form CDP-1) with Intent to Drill;
  - File Completion Form ACD-1 within 120 days of spud date;
  - File acreage attribution plat according to field prorotation orders;
  - Notify appropriate district office 48 hours prior to workover or re-entry;
  - Submit plugging report (CP-4) after plugging is completed;
  - Obtain written approval before disposing or injecting salt water.

Mail to: KCC - Conservation Division, 150 S. Market - Room 207B, Wichita, Kansas 67202.

2  
29  
1915

New Application  
 Reauthorization  
 (Permit No. \_\_\_\_\_)

KANSAS CORPORATION COMMISSION  
 CONSERVATION DIVISION  
 130 S. Market- Room 207B  
 Wichita, Kansas 67202

Form CDP-1  
 12/01

APPLICATION FOR SURFACE POND

FORM MUST BE TYPED

Submit in Duplicate

Operator Name <b>LB Exploration, Inc.</b>		License No. <b>32499</b>
Operator Address <b>2432 Crestline Wichita, Ks. 67205</b>		
Contact Person <b>Michael Petermann</b>		Phone No. <b>(316) 722-9001</b>
Lease Name <b>Schmidt</b>	Pit is <input checked="" type="checkbox"/> Proposed <input type="checkbox"/> Existing If existing, date constructed _____	Pit Location <b>SW</b> Qtr. Sec. <u>2</u> Twp. <u>29</u> Rge. <u>19</u> <b>E/W</b> <b>1650</b> Ft from <b>N/S</b> (circle one) Line of Sec <b>2310</b> Ft from <b>E/W</b> (circle one) Line of Sec <b>Kiowa</b> County
Type of Pond: <input type="checkbox"/> Burn Pit <input type="checkbox"/> Emergency Pit <input type="checkbox"/> Treatment Pit <input checked="" type="checkbox"/> Workover Pit <input type="checkbox"/> Drilling Pit (If WP Supply API No. or Year Drild. <b>15-097-20-364</b> )	Pit capacity <b>100</b> (bbls)	Chloride concentration: _____ mg/l (For Emergency Pits and Treatment Pits only)
Is the pit located in a Sensitive Ground Water Area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Is Pit bottom below ground level? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Artificial liner? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
How is pit lined if a plastic liner is not used? <b>Native Mud</b>		
Pit dimensions (all but working pits): _____ Length (ft) _____ Width (ft) Depth from ground level to deepest point _____ (ft)		
If the pit is lined give a brief description of the liner material, thickness and installation procedure. _____ _____	Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring. _____ _____	
Distance to nearest water well within one-mile of pit <b>30</b> <u>None</u> ft. Depth of water well <b>220</b> ft.	Depth to shallowest fresh water <u>50</u> feet. Source of information: _____ measured _____ well owner _____ electric log _____ KOWR	
<b>EMERGENCY, TREATMENT AND BURN PITS ONLY:</b> Producing Formations: _____ Number of producing wells on lease: _____ Barrels of fluid produced daily: _____ Does the slope from the tank battery allow all spilled fluids to flow into the pond? <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>DRILLING AND WORKOVER PITS ONLY:</b> Type of material utilized in drilling/workover <u>Mud</u> Number of working pits to be utilized <u>1</u> Abandonment procedure: <u>De-water and backfill</u> Drill pits must be closed within 365 days of spud date.	
I hereby certify that the above statements are true and correct to the best of my knowledge and belief. <u>5/26/00</u> _____ Date Signature of Applicant or Agent		
<b>KCC OFFICE USE ONLY</b>		
Date Rec'd <u>5/26/2000</u>	Permit No. _____	Permit Date <u>5/26/2000</u> Lease Inspection <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

15-097-20364-0001

RECEIVED  
 KANSAS CORPORATION COMMISSION

MAY 26 2000