

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

COPY

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
RELEASED
WELL HISTORY DESCRIPTION OF WELL & LEASE

Operator: License # 5214 **MAY 15 2003**

Name: LARIO OIL & GAS COMPANY **FROM CONFIDENTIAL**

Address: 301 S. MARKET

City/State/Zip: WICHITA, KS 67202 **KCC**

Purchaser: ONEOK

Operator Contact Person: DAVID MUNRO **APR 26 2001**

Phone: (316) 265-5611 **CONFIDENTIAL**

Contractor: Name: DUKE DRILLING CO., INC.

License: 5929

Wellsite Geologist: ROGER MARTIN **RELEASED**

Designate Type of Completion:

☒ New Well ☐ Re-Entry ☐ Workover **MAY 15 2003**

☐ Oil ☐ SWD ☐ SIOW ☐ Temp. Abd.

☒ Gas ☐ ENHR ☐ SIGW **FROM CONFIDENTIAL**

☐ 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./SWD

☐ Plug Back ☐ Plug Back Total Depth

☐ Commingled ☐ Docket No. _____

☐ Dual Completion ☐ Docket No. _____

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

2-26-01 3-16-01 4-23-01

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

API No. 15 - 033-21199-0000

County: COMANCHE CO., KS

E/2 SE/4 Sec. 2 Twp. 33 S. R. 19 ☐ East ☒ West
1380 feet from S ☒ (circle one) Line of Section

660 feet from E ☒ (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: BRASS Well #: 2-2

Field Name: WILDCAT

Producing Formation: MISSISSIPPI

Elevation: Ground: 2002' Kelly Bushing: 2011'

Total Depth: 6050' Plug Back Total Depth: 5986'

Amount of Surface Pipe Set and Cemented at 700 Feet

Multiple Stage Cementing Collar Used? ☒ Yes ☐ No

If yes, show depth set 5364' Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan **ALT 1 2-15-02**

(Data must be collected from the Reserve Pit)

Chloride content 2000 ppm Fluid volume 600 bbls

Dewatering method used Removed excess free wtr from pit then fill in pit after evaporation.

Location of fluid disposal if hauled offsite: _____

Operator Name: KBW OIL & GAS COMPANY

Lease Name: HARMON License No.: 5993

Quarter 1 Sec. 11 Twp. 33 S. R. 19 ☐ East ☒ West

County: COMANCHE Docket No.: CD-98-329

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: David Munro

Title: OPERATIONS ENGINEER Date: 4-24-01

Subscribed and sworn to before me this 24th day of APRIL

XX-2001-

Notary Public: Kathy L Ford

Date Commission Expires: 10-22-02

KATHY L. FORD
Notary Public - State of Kansas
My Appt. Expires 10-22-02

KCC Office Use ONLY

☒ Letter of Confidentiality Attached

☒ If Denied, Yes ☐ Date: _____

☒ Wireline Log Received

☒ Geologist Report Received

☐ UIC Distribution

CONFIDENTIAL

Operator Name: **LARIO OIL & GAS COMPANY** Lease Name: **BRASS** Well #: **2-2**
 Sec. **2** Twp. **33 S. R. 19** ☐ East ☒ West County: **COMANCHE CO., KS**

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)

List All E. Logs Run:

DIL, CNL/CDL, MEL, BHCS

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
HEEBNER	4292'	-2281'
LANSING	4480'	-2469'
STARK	4823'	-2812'
MARMATON	4988'	-2977'
CHEROKEE	5126'	-3115'
MISSISSIPPI	5222'	-3211'
VIOLA	5896'	-3885'
LTD	6053'	-4042'

CASING RECORD ☐ New ☐ 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	# Sacs Used	Type and Percent Additives
CONDUCTOR	30"	20"	36.5#	70'	Class A	7 1/2yds	
SURFACE	12 1/4"	8 5/8"	25#	700'	Class A 65/35 POZ	200 300	3% CC
PRODUCTION	7 7/8"	4 1/2"	10.5#	6039'	ASC ASC	100 150	5#/sx gilsonite

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
2	5224'-34' & 5256'-60'	1000 gal 20% HSA/FE 2000 gal 20% Nitrified NEFE	5260'
	CIBP		5870'
2	5909'-13' & 5922'-31'	1000 gal 20% HSA/FE 2000 gal 20% Nitrified NEFE	5931'

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	5222'	None	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.	Producing Method			
Waiting on pipeline	<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil 0 Bbls.	Gas 50 Mcf	Water Bbls.	Gas-Oil Ratio NA Gravity NA

Disposition of Gas

METHOD OF COMPLETION

Production Interval

5224'-5234'
5256'-5260'

☐ Vented ☒ Sold ☐ Used on Lease
 (If vented, Submit ACO-18.)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____