

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15-Completed 5-29-37
County Ellis
SW SW SW Sec 31 Twp 11S Rge 17 East West

Operator: License # 5214
Name Lario Oil & Gas Company
Address 301 S. Market
City/State/Zip Wichita, KS 67202

330 Ft North from Southeast Corner of Section
4950 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Purchaser Enron (effective 7-1-89)

Lease Name Marshall A Well # 3

Operator Contact Person Robert Miller
Phone (316) 265-5611

Field Name Bemis - Poliska⁴⁵
Arbuckle, Kansas City A,B,C,D,E,F
Producing Formation Lower Toronto

Workover/Recomp. 5214
Contractor: License #
Name Lario Oil & Gas Company

Elevation: Ground DF 2180' KB

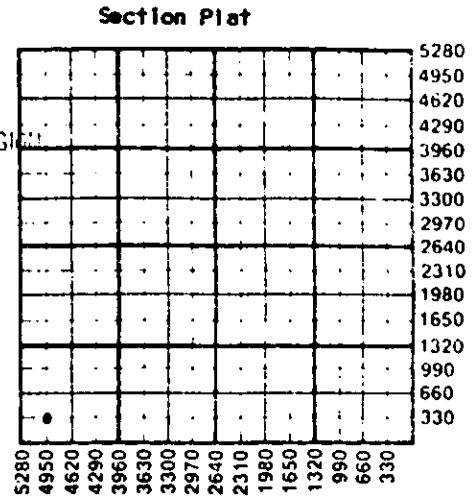
Wellsite Geologist None Required STATE CORPORATION COMMISSION

RECEIVED
SEP 18 1989
OIL & GAS CONSERVATION DIVISION
Wichita, Kansas

Designate Type of Completion
New Well Re-Entry Workover

X Oil SWD Temp Abd
Gas Inj Delayed Comp.
Dry Other (Core, Water Supply etc.)

If ONWO: old well info as follows:
Operator Lario Oil & Gas Company
Well Name Marshall A #3
Comp. Date 5-29-37
*3705, In 1958 PB to 3691'



WATER SUPPLY INFORMATION
Disposition of Produced Water: X Disposal
Docket # C-747-24-907-C
Marshall A #13 Repressuring

Drilling Method:
X Mud Rotary to 3685' Air Rotary Cable to 3705'
5-9-89 7-24-89
Start Date Date Reached TD Completion Date for w/o
3691' Open Hole
Total Depth PBTD

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717
Source of Water:
Division of Water Resources Permit #
Groundwater.....Ft North from Southeast Corner (Well)Ft West from Southeast Corner of Sec Twp Rge East West
Surface Water.....Ft North from Southeast Corner (Stream,pond etc).....Ft West from Southeast Corner Sec Twp Rge East West
X Other (explain) Lease water (purchased from city, R.W.D. #)

Amount of Surface Pipe Set and Cemented at 1414 feet
Multiple Stage Cementing Collar Used? Yes X No
If yes, show depth set.....feet
if alternate 2 completion, cement circulated from.....feet depth to.....w/.....SX cmt
Cement Company Name Halliburton
Invoice # 31380-B

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply.
Information on 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 drillers time log shall be attached with this form. 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 Robert Miller

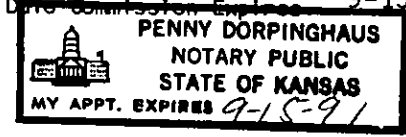
Title Robert Miller, Production Super Date 9-14-89

Subscribed and sworn to before me this 14th day of September 1989

Notary Public Penny Dörpinghaus

Date Commission Expires 9-15-91

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C [X] Drillers Timelog Received
Distribution
[X] KCC [] SWD/Rep [] NGPA
[X] KGS [] Plug [] Other (Specify)



SIDE TWO

Operator Name Lario Oil & Gas Company Lease Name Marshall A Well # 13

Sec. 31 Twp. 11S Rge. 17 East West County Ellis

WELL LOG

(1989 logs were run from 3675' to 2750' interval - unable to get logging tools to

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken (June 1937) Yes No
 6/37 Cored from 3675' to 3682' and 3682' to 3687', showed 6" saturation.

Formation Description		
Name	Top	Bottom
From 1954 Log:		
Topeka	3165	
Toronto	3396	
Oswald	3425	
Conglomerate	3665	
Simpson	3670	
Arbuckle	3685	

PERFORATION RECORD (all perforations 4 Shots Per Foot)		Acid, Fracture, Shot, Cement Squeeze Record	
Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
Kansas City F	3604-3608	1st 500 gal 15% N.E. acid, then 1000 gal 15% N.E. acid, + 17 Bbls SW flush	
Kansas City E	3566-3571	500 gal 15% N.E. acid	
Kansas City D	3538-3542	500 gal 15% N.E. acid + 16 Bbls SW flush	
Kansas City A,B,C	3472-3506	1500 gal 15% N.E. acid and (2) 300 lb salt plugs (50% salt + 50% TLC-80)	
Toronto - Lower	3381-3386	1000 gal 15% N.E. acid + 17 Bbls SW flush	

CASING RECORD <input type="checkbox"/> New <input checked="" 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 (1937)	10"	10"	40 LW	1414	Incor	450	
Longstring (1937)	7"	7"	24 SS	3685	Incor	125	

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
4	Toronto - Upper 3284 - 3290'	1000 gal 15% N.E. acid + SW flush	
	Toronto - Upper 3284 - 3290'	Cement w/ 150 sxs 60/40 Poz, 2% gel, 3% cc - est. 139 sxs in formation.	

TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Size	Set At	Packer at			
2-3/8	3613.62	N/A			

Date of First Production	Producing Method
7-24-89	<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
7/30/89	2.11	0	40.88	0	

METHOD OF COMPLETION		Production Interval	
Disposition of gas: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Open Hole <input type="checkbox"/> Other (Specify)	<input checked="" type="checkbox"/> Perforation	Arbuckle 3685 - 3691' KC A,B,C,D,E,F 3472 - 3608'
	<input type="checkbox"/> Dually Completed <input checked="" type="checkbox"/> Commingled		Toronto - Lower 3381 - 3386'

HALLIBURTON OIL WELL CEMENTING CO. CEMENTING TICKET

Date 5-11-37 Place Plainville, Mo.

Charge to Lario O & Co. Order No.

Mail Address Wichita, Mo. City State

Owner of Well Same Contractor Broadwater Drilling Co.

Well No. 3 Face Marshall County Survey Sec 31 Twp. 11 Range 17W

Depth of Well 1414 Depth of Csg. Cemtd. 1414 Casing { New } Size 10 3/4" Size of Hole { Used } Weight Amount and Kind of Cement 450 Incon

Kind of Job 1 Plug Size { Drill Pipe } { Rotary Tools } { Submer. } Truck No. 377 { Tubing } { Casing } Truck No.

Special Tools If Plug Back, From To Approx.

Floating Equipment Used

Time Required Mixing and Pumping Cement 50 min Press. { Circulating } Cement left in Pipe by { Request } { Maximum } { Necessary } 10 Feet

Condition of Mud ok Condition of well at time of Cementing ok Chemical Used

Price of Job \$196.40 Other Charges Truck called out 2 AM On location 3 AM Job completed 8 PM

REMARKS: [Large hand-drawn circle]

The above job was done under the supervision of the owner, operator, or his agent whose signature appears here below:

Cementer Wickey J. M. Clappitt Agent of Contractor or Operator

Helper Johns District Hays State Mo.

The following information is urgently requested in order that we may be fully advised and to enable us to keep our standard of service up to the highest point:

Was operation of the Cementing Equipment satisfactory? yes Was the work of the Cementing Crew performed in a satisfactory manner? yes Was the Cementing job satisfactorily completed? yes

SUGGESTIONS:

No. 31380-B

J. M. Clappitt Agent of Contractor or Operator

HALLIBURTON OIL WELL CEMENTING CO.
CEMENTING TICKET

15-051-05996-00021

Date 5-28-37 Place Haup, Ks.

Charge to Lario Oil Co. Order No. 8704

Mail Address Wichita, Ks. City _____ State _____

Owner of Well Same Contractor Broadwater Delg. Co.

Well No. 3 Farm Marshall Country _____ Survey _____ Sec. 31 Twp. 11 Range 17W

Depth of Well 3686 Depth of Csg. Cemtd. 3685 Casing { ~~New~~ } Size 7" Size of Hole _____
{ Used } Weight 24# Amount and Kind of Cement 125 Incon

Kind of Job 2 Plug Size { Drill Pipe _____ } { Rotary Tools Sum } Truck No. 469
{ Tubing _____ } { Cable Power _____ } Truck No. _____

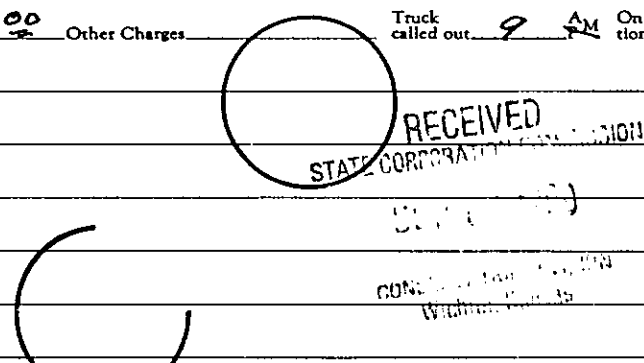
Special Tools _____ If Plug Back, from _____ To Approx. _____

Floating Equipment Used _____

Time Required Mixing and Pumping Cement 40 min. Press. { Circulating _____ } Cement left in Pipe by { Request _____ }
{ Maximum _____ } { ~~Minimum~~ 19 } Feet

Condition of Mud ok Condition of well at time of Cementing ok Chemical Used _____

Price of Job \$225.00 Other Charges _____ Truck called out 9 AM On location 11:30 AM Job completed 4:15 PM

REMARKS:


The above job was done under the supervision of the owner, operator, or his agent whose signature appears here below:

Cementer Roe Ray Graham
Agent of Contractor or Operator

Helper Simper District Haup State Ks.

The following information is urgently requested in order that we may be fully advised and to enable us to keep our standard of service up to the highest point:

Was operation of the Cementing Equipment satisfactory? _____ Was the work of the Cementing Crew performed in a satisfactory manner? _____ Was the Cementing Job satisfactorily completed? _____

SUGGESTIONS: _____

No. 56292-73 Ray Graham
Agent of Contractor or Operator