

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

Operator: License # 9262

Name: Lowry Exploration, Inc.

Address Philtower Bldg., Ste. 1702
427 S. Boston

City/State/Zip Tulsa, OK 74103

Purchaser: _____

Operator Contact Person: R. G. Lowry

Phone (918) 587-5094

Contractor: Name: Murfin

License: 30606

Wellsite Geologist: None

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD S10W Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, EXP, Cathodic, etc)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTB
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

2-25-98 3-4-98 3-5-98
 Spud Date Date Reached TD Completion Date

API NO. 15- 175-216850000

County Seward plugged 3/4/98

NE - SW - NW Sec. 20 Twp. 31S Rge. 31 X W

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

990 Feet from E(W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE, SE, (NW) or SW (circle one)

Lease Name Jacobs Well # 1-20

Field Name Thirty-One

Producing Formation None

Elevation: Ground 2828 KB 2839

Total Depth 5756 PBTB _____

Amount of Surface Pipe Set and Cemented at 1717 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 D&A 2nd 7-7-98
 (Data must be collected from the Reserve Pit)

Chloride content 7300 ppm Fluid volume 800 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name Lowry Exploration, Inc.

Lease Name Jacobs 1 License No. 9262

NW Quarter Sec. 20 Twp. 31 S Rng. 31 (E/W)

County Seward 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 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 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 R. G. Lowry
 Title PRESIDENT Date 5-27-98

Subscribed and sworn to before me this 27th day of May 19 98

Notary Public Dr. M. Miller

Date Commission Expires February 20, 2002

K.C.C. OFFICE USE ONLY			
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached	
C	<input checked="" type="checkbox"/>	Wireline Log Received	
C	<input type="checkbox"/>	Geologist Report Received	
RECEIVED			
Distribution			
<input type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep	<input type="checkbox"/> NGPA
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug	<input type="checkbox"/> Other
(Specify)			

SIDE TWO

ORIGINAL

Operator Name LOWRY Lease Name Jacobs Well # 1-20

Sec. 20 Twp. 31S Rge. 31 East West County Seward

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
(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:

DI, CDL/CNL

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Chase	2630	
B. Heebner Shale	4220	
Marmaton	4916	
Morrow Shale	5447	
Mississippi	5502	
St. Gen	5605	

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	# Sacks Used	Type and Percent Additives
Surface	12 1/4	8 5/8	24#	1717'	Class C	750	3% cc

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

TUBING RECORD

Size _____ Set At _____ Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. D&A Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil $\frac{N}{A}$ Bbls.	Gas $\frac{N}{A}$ Mcf	Water $\frac{N}{A}$ Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: **METHOD OF COMPLETION** Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled

(If vented, submit ACO-18.) Other (Specify) _____

RELEASED

SEP 28 1999

FROM CONFIDENTIAL

ALLIED CEMENTING CO., INC.

CONFIDENTIAL

5876

P.O. BOX 31
RUSSELL, KANSAS 67068

ORIGINAL

SERVICE POINT: med lodge, ks

MAY 29 1999

DATE 2-26-98	SEC. 20	TWP. 36s	RANGE 31w	CALLED OUT 11:00 P.M.	ON LOCATION 3:30 A.M.	JOB START 6:45 A.M.	JOB FINISH 8:30 A.M.
LEASE Jacobs	WELL# 1-20	LOCATION 60th &ismet RD 4 1/2 N - 1/4 E		COUNTY Seward	STATE KS.		

OLD OR NEW (Circle one)

CONTRACTOR Murfin Onq. #20
 TYPE OF JOB Surface Csg.
 HOLE SIZE 12 1/4 T.D. 1720'
 CASING SIZE 8 5/8 x 24 DEPTH 1717'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 1000 MINIMUM 200
 MEAS. LINE _____ SHOE JOINT 44.84
 CEMENT LEFT IN CSG. _____
 PERFS. _____

OWNER Lowry Exploration
CEMENT

AMOUNT ORDERED 600 SXS. ALW + 3% CACL₂
1/4" Flo-Seal. 150 SXS. CLASS A
3% CACL₂ + 2% Gcl.

COMMON #	150	@	7.55	1132.50
POZMIX		@		
GEL	3	@	9.50	28.50
CHLORIDE	25	@	28.00	700.00
ALW	600	@	7.05	4230.00
Flo-Seal	150 #	@	1.15	172.50
		@		
		@		
		@		
HANDLING	750	@	1.20	900.00
MILEAGE	750 x 45		.04	1350.00

EQUIPMENT

PUMP TRUCK CEMENTER Arny O'Neill
 # 343 HELPER Justin Hart
 BULK TRUCK
 # 240-250 DRIVER James Holt
 BULK TRUCK
 # 257-251 DRIVER John Kelley

KCC

TOTAL \$ 8513.50

REMARKS:

JUN 1

SERVICE

CONFIDENTIAL

Pipe on Bottom - Break Circ.
 mix + Pump 600 SXS. ALW + 3% CACL₂
 1/4" Flo-Seal. 150 SXS. CLASS A + 3% CACL₂
 2% Gel Release Plug. Pump +
 Displace Plug w/ 10.6 Bus. Fresh H₂O
 Bump Plug. Release PST. Float Held.
 Cement. Circ. to surface

DEPTH OF JOB	1717'		
PUMP TRUCK CHARGE			1185.00
EXTRA FOOTAGE		@	
MILEAGE	31	@	2.85 88.35
PLUG	8 5/8 Rubber	@	90.00 90.00
		@	
		@	

TOTAL \$ 1363.35

CHARGE TO: Lowry Exploration
 STREET Box 1847
 CITY Liberal STATE Ks ZIP 67905

FLOAT EQUIPMENT

1-Reg. Guide Shoe	@	238.00	238.00
1-APB Insert	@	358.00	358.00
3-Centerizers	@	61.00	183.00
1-Basket	@	200.00	200.00
5-RECIPROCATING SCRATCHERS	@	45.00	225.00

TOTAL \$ 1204.00

TAX _____

TOTAL CHARGE \$ 11,080.85

DISCOUNT \$ 1662.12 IF PAID IN 30 DAYS

NET \$ 9418.73

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Med E. Lowry Med E. Lowry

RELEASED

SEP 28 1999

ORIGINAL

ALLIED CEMENTING CO., INC.

5881

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

CONFIDENTIAL

SERVICE POINT: med. lodge, ks

DATE <u>3-4-98</u>	SEC. <u>20</u>	TWP. <u>31s</u>	RANGE <u>31w</u>	CALLED OUT <u>8:00P.M.</u>	ON LOCATION <u>12:30AM</u>	JOB START <u>2:00A.M.</u>	JOB FINISH <u>6:00A.M.</u>
LEASE <u>Jacobs</u>	WELL # <u>1-20</u>	LOCATION <u>604 Kismet RD. 4 1/2 n-1 1/4 E</u>			COUNTY <u>Seward</u>	STATE <u>KS.</u>	

OLD OR NEW (Circle one)

CONTRACTOR Murfin Drilling
 TYPE OF JOB Rotary Plug
 HOLE SIZE 7 7/8 T.D. 5757
 CASING SIZE 8 5/8 x 24 DEPTH 1717
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2 x hole DEPTH 3000
 TOOL _____ DEPTH _____
 PRES. MAX 450 MINIMUM 100
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____

OWNER Lowery Exploration
CEMENT

AMOUNT ORDERED 2355XS. 60/40/6% Gel

COMMON <u>A 14</u>	@ <u>7.55</u>	<u>1064.55</u>
POZMIX <u>94</u>	@ <u>3.25</u>	<u>305.50</u>
GEL <u>12</u>	@ <u>9.50</u>	<u>114.00</u>
CHLORIDE _____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
HANDLING <u>235</u>	@ <u>1.20</u>	<u>282.00</u>
MILEAGE <u>235 x 45</u>	<u>.04</u>	<u>423.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Larry Dreiling
 # 343 HELPER Justin Hart
 BULK TRUCK _____
 # 259-314 DRIVER John Kelley
 BULK TRUCK _____
 # _____ DRIVER _____

TOTAL \$2189.05

REMARKS:

3000' - 100XS.
1740 - 50XS.
250 - 50XS.
40' - 10XS.
Rathole - 15XS.
mousehole - 10XS.
Cemented w/ 2355XS. 60/40/6% Gel

SERVICE

DEPTH OF JOB <u>3000'</u>		
PUMP TRUCK CHARGE _____		<u>685.00</u>
EXTRA FOOTAGE _____	@ _____	_____
MILEAGE <u>31</u>	@ <u>2.85</u>	<u>88.35</u>
PLUG <u>8 7/8 Dry Hole</u>	@ <u>23.00</u>	<u>23.00</u>
_____	@ _____	_____
_____	@ _____	_____

TOTAL \$796.35

CHARGE TO: Lowery Exploration
 STREET Box 1847
 CITY GERAL STATE KANSAS ZIP 67905

RECEIVED
 MAY 29 1998
 ALLIED CEMENTING CO.
 RUSSELL, KANSAS

FLOAT EQUIPMENT

_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____

TOTAL _____

TAX _____
 TOTAL CHARGE \$2985.40
 DISCOUNT \$446.31 IF PAID IN 30 DAYS
 NET \$2539.09

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Rodney Farr RODNEY FARR