

**CORRECTED**

10-21-94

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

**ORIGINAL**

Operator: License # 9262  
Name: LOWRY EXPLORATION, INC  
Address P O BOX 1847  
830 COUNTRY ESTATES ROAD  
City/State/Zip LIBERAL, KS 67905-1847  
Purchaser: ENSIGN OPERATING  
Operator Contact Person: NED E. LOWRY  
Phone ( 316 ) 624-8141  
Contractor: Name: GABBERT-HONES  
License: \_\_\_\_\_  
Wellsite Geologist: R. G. LOWRY  
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: KCC  
Well Name: OCT 2 1  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PSTD  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_  
8/14/93 8/24/93 10/11/93  
Spud Date Date Reached TD Completion Date

API NO. 15- 175-21323-0000  
County SEWARD  
C - NW - NE - SW Sec. 36 Twp. 31N Rgo. 32  <sup>E</sup>  
2310' Feet from (S)W (circle one) Line of Section  
1650' 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 DOUGLAS Well # 8-1  
Field Name WILDCAT  
Producing Formation UPPER MORROW & ATOKA  
Elevation: Ground 2841' KB 2853'  
Total Depth 5755 PSTD 5649  
Amount of Surface Pipe Set and Cemented at 1740 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/ NOV 2 1 1994 sx cmt.

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit)  
**FROM CONFIDENTIAL**  
Chloride content 3000 ppm Fluid volume 800 bbls  
Dewatering method used \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name LOWRY EXPLORATION, INC  
Lease Name DOUGLAS 8-1 License No. 9262  
SW Quarter Sec. 36 Twp. 31N S Rng. 32 E/W  
County SEWARD Docket No. \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 Ned E. Lowry  
Title PRESIDENT Date 12/29/93  
Subscribed and sworn to before me this 29<sup>th</sup> day of DECEMBER  
19 93  
Notary Public Helen C. Berg  
Date Commission Expires \_\_\_\_\_

NOTARY PUBLIC, State of Kansas  
HELEN C. BERG  
My Appt. Exp. 9-13-95

**K.C.C. OFFICE USE ONLY**  
 Letter of Confidentiality Attached  
 Wireline Log Received  
 Geologist Report Received  
Distribution  
KCC \_\_\_\_\_ SWD/Rop \_\_\_\_\_ NGPA \_\_\_\_\_  
KGS \_\_\_\_\_ Plug \_\_\_\_\_ Other \_\_\_\_\_  
(Specify)  
**RECEIVED**  
STATE CORPORATION COMMISSION  
**JAN 03 1994**  
CONSERVATION DIVISION  
Wichita, Kansas

P1

Operator Name LOWRY EXPLORATION, INC Lease Name DOUGLAS Well # 8-1

Sec. 36 Twp. 31N Rge. 32  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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Chase	2650 + 203	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Hebner Shale	4238 - 1385	
List All E.Logs Run:		Morrow Shale	5482 - 2629	
		Chester	5564 - 2711	

**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		8 5/8"	24	1740	HALCO LITE	745	Gel 2% CC 2%
Production		4 1/2"	10.6	5750	HALCO LITE HALCO EXP	50 150	

**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				

**PERFORATION RECORD - Bridge Plugs Set/Type**  
 Specify Footage of Each Interval Perforated

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	5468 - 72	300 Gal - 7 1/2% F E Acid	
4	5542 1/2 - 5544 1/2		

**TUBING RECORD** Size 2 3/8" Set At 5465 Packer At N/A Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. 11/6/93 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil <u>6</u> Bbls.	Gas <u>230</u> Mcf	Water <u>6</u> Bbls.	Gas-Oil Ratio <u>38.333</u>	<u>43</u> Gravity
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Disposition of Gas:  Vented  Sold  Used on Lease. (If vented, submit ACO-18.)

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify)

Production Interval 5468-82  
5542-5544