

ORIGINAL

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

Operator: License # 04824
Name: MESA OPERATING CO.
Address 5205 N. O'CONNOR BLVD.
SUITE 1400 W.
City/State/Zip IRVING TX 75039

Purchaser: MESA
Operator Contact Person: TIFFANY WICKHAM
Phone (972)444-9001

Contractor: Name: MURFIN DRILLING CO.
License: 30606

Wellsite Geologist: NA
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:
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. _____
11/21/96 11/24/96 12/16/96
Spud Date Date Reached TD Completion Date

API NO. 15- 067-213860000
County GRANT
 - NW - SE - SW Sec. 28 Twp. 29 Rge. 35 X E
1250' Feet from SN (circle one) Line of Section
3865' Feet from EW (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)
Lease Name LAHEY Well # 1-28R
Field Name HUGOTON
Producing Formation CHASE
Elevation: Ground 2910' KB 2921'
Total Depth 2825' PBTB 2778'
Amount of Surface Pipe Set and Cemented at 611' 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.

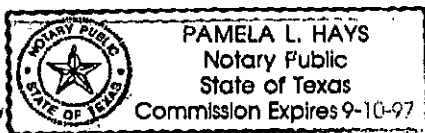
Drilling Fluid Management Plan A.H. 1, 3-9-98 - U.C.
(Data must be collected from the Reserve Pit)
Chloride content <5000 ppm Fluid volume _____ bbls
Dewatering method used EVAPORATION
Location of fluid disposal if hauled offsite: _____
Operator Name _____
Lease Name _____ License No. _____
_____ Quarter Sec. _____ Twp. _____ S Rng. _____ E/W
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 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 Tiffany Wickham
Title ENGINEER ANALYST Date 01/14/97
Subscribed and sworn to before me this 14th day of JANUARY
19 97
Pamela L. Hays
Notary Public
Date Commission Expires 9-10-97

K.C.C. OFFICE USE ONLY
F Letter of Confidential Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)



JAN 15 1997
1-15-1997
CONSERVATION DIVISION
WICHITA, KS

SIDE TWO

Operator Name MESA OPERATING CO. Lease Name LAHEY, T.J. Well # 1-28R

East County GRANT

Sec. 28 Twp. 29 Rge. 35 West

ORIGINAL

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 Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	HERRINGTON	2415'	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	KRIDER	2445'	
		WINFIELD	2494'	
		WINDFIELD "C"	2506'	
		TOWANDA	2557'	
		FT. RILEY	2605'	
List All E.Logs Run: DUAL INDUCTION LOG, GAMMA RAY, SP, CNL/FDC W/ PE CURVE				

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
SURFACE	12-1/4"	8-5/8"	24#	661'	"C"	100	2% CaCl ₂
PRODUCTION	7-7/8"	5-1/2"	14.8#	2825'	"C"	250	3% D79 1% CaCl ₂

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<input type="checkbox"/> Perforate					
<input type="checkbox"/> Protect Casing	NA				
<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)	
		Amount	Depth
1JSPF	2419'-2644'	ACIDIZED W/ 4,000 GALS HCL-FE; FRAC'D W/	
		90,000 GALS 25# BORATE X-LINK & 250,000 #	
		12/20 MESD SAND.	

TUBING RECORD	NA	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. 12/21/96	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil <u>0</u> Bbls.	Gas <u>885</u> Mcf	Water <u>0</u> Bbls	Gas-Oil Ratio	Gravity
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Disposition of Gas: **METHOD OF COMPLETION** Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 2415'-2644'

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

RECEIVED
KANSAS CORPORATION COMMISSION

JAN 15 1997

CONSERVATION DIVISION
WICHITA, KS



DOWELL

A DIVISION OF SCHLUMBERGER TECHNOLOGY CORPORATION

RECEIVED

ORIGINAL INVOICE

Dowell

REMIT TO:

FEDERAL TAX ID # 22-169-2661
P O BOX 201556

HOUSTON TX 77062 27 1996

0312

INVOICE DATE

11/21/96

DRILLING DEPARTMENT

917517
MESA LTD PARTNERSHIP

P O BOX 1006
ULYSSES

KS 67880

ORIGINAL

PAGE 1 INVOICE NUMBER

03-12-8769

TYPE SERVICE

CEMENTING
CEMENT SURFACE C

WELL NAME / JOB SITE	STATE	COUNTY / CITY	SERVICE FROM LOCATION	SHIPPED VIA	CUSTOMER P.O. NO./REF
LAHEY 21-28R	KS	GRANT	ULYSSES	DOWELL	
LOCATION / PLANT ADDRESS			DATE OF SERVICE ORDER	CUSTOMER OR AUTHORIZED REPRESENTATIVE	
SEC 28-27S-35W			11/20/96	DALE TAYLOR	

ITEM CODE	DESCRIPTION	UOM	QTY	UNIT PRICE	AMOUNT
102871010	CSNG CMNT 501-1000' 1ST 8 HR	BHR	1	880.0000	880.00
059200002	MILEAGE, ALL OTHER EQUIPMENT	MI	21	2.9500	61.95
048601000	CEMENT HEAD RENTAL	JOB	1	70.0000	70.00
049102000	TRANSPORTATION CMNT TON MILE	MI	358	1.0500	375.90
049100000	SERVICE CHG CEMENT MATL LAND	CFT	401	1.4300	573.43
059697000	PACR TREAT ANALYSIS RECORDER	JOB	1	167.0000	167.00
040003000	D903, CEMENT CLASS C	CFT	226	10.4200	2,354.92
101545000	D132, LITEPOZ	CFT	125	4.3900	548.75
045014050	D20, BENTONITE EXTENDER	LBS	1060	.1700	180.20
045004050	D44, GRANULATED SALT	LBS	1028	.1300	133.64
067005100	S1, CALCIUM CHLORIDE	LBS	837	.4400	368.28
044003025	D29, CELLOPHANE FLAKES	LBS	88	1.7700	155.76
050101005	SHOE CEN TYPE GUIDE 8-5/8"	EA	1	280.0000	280.00
053003005	INSERT ORIFICE FILL 8-5/8"	EA	1	360.0000	360.00
056011005	CENTR REG 8-5/8, B DIA 12"	EA	4	82.0000	328.00
056702005	PLUG CEMG 8-5/8" TOP PLASTIC	EA	1	109.0000	109.00
056019005	RING STOP HINGE/BOLT 8-5/8"	EA	1	23.0000	23.00
057499001	K232, THD LKG COMPOUND KIT	EA	1	28.0000	28.00

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KANSAS CORPORATION COMMISSION

JAN 15 1997

CONSERVATION DIVISION
WICHITA, KS

DISCOUNT - MATERIAL
DISCOUNT - SERVICE

PLANT TEMA MFE D903 DATE 11-21-96

WELL NAME & NO./OTHER LAHEY #128R

TAXABLE EXEMP. SUB. TO CONTRACT YES NO

CORRECT PER CONTRACT DATE _____

APPROVED BM DATE 1-14-97
REB

SUB TOTAL -- 5,038.43
STATE TAX ON 3,776.72 185.06
LOCAL TAX ON 3,776.72 37.77
AMOUNT DUE -- 5,261.26

WITH QUESTIONS CALL 316-356-1272

FEDERAL TAX ID # 22-1692661

TERMS -- NET 30 DAYS DUE ON OR BEFORE DEC 21, 1996

THANK YOU. WE APPRECIATE YOUR BUSINESS.

** WE CAN INVOICE YOU VIA EDI. CALL (713)275-8414 FOR INFORMATION **

REMIT TO:

FEDERAL TAX ID# 22-169-2661
P O BOX 20155
HOUSTON TX 77216

DEC 20 1996

INVOICE DATE

11/24/96

Dowell

0312

917517
MESA LTD PARTNERSHIP

P O BOX 1006
ULYSSES

KS 67880

ORIGINAL

DRILLING DEPARTMENT

INVOICE NUMBER

03-12-8780

TYPE SERVICE

CEMENTING
CEMENT PRODUCTIO

WELL NAME / JOB SITE	STATE	COUNTY / CITY	SERVICE FROM LOCATION	SHIPPED VIA	CUSTOMER P.O. NO./REF
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LAHEY 21-28R	KS	GRANT	ULYSSES	DOWELL	
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LOCATION / PLANT ADDRESS	DATE OF SERVICE ORDER	CUSTOMER OR AUTHORIZED REPRESENTATIVE
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SEC 28-29S-354W	11/23/96	DALE TAYLOR
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ITEM CODE	DESCRIPTION	UOM	QTY	UNIT PRICE	AMOUNT
102871030	CSNG CMNT 2501-3000' 1ST 8HR	8HR	1	1,460.0000	1,460.00
048601000	CEMENT HEAD RENTAL	JOB	1	70.0000	70.00
049102000	TRANSPORTATION CMNT TON MILE	MI	448	1.0500	470.40
049100000	SERVICE CHG CEMENT MATL LAND	CFT	446	1.4300	637.78
059697000	PACR TREAT ANALYSIS RECORDER	JOB	1	167.0000	167.00
059200002	MILEAGE, ALL OTHER EQUIPMENT	MI	22	2.9500	64.90
040003000	D903, CEMENT CLASS C	CFT	402	10.4200	4,188.84
045041100	D79, CHEMICAL EXTENDER	LBS	706	1.4400	1,016.64
047002050	D46, ANTIFOAM	LBS	76	3.4100	259.16
067005100	S1,CALCIUM CHLORIDE	LBS	518	.4400	227.92
044003025	D29, CELLOPHANE FLAKES	LBS	100	1.7700	177.00
044002050	D60, FLAC FLUID LOSS ADDITIV	LBS	141	9.3000	1,311.30
103360050	B28, EXPANDING CEMENT ADD	LB	282	3.3400	941.88
045019050	D42, KOLITE LOST CIRC ADDITIV	LBS	1250	.5700	712.50
100283000	D827, CHEMICAL WASH CW100	BBL	20	40.8500	817.00
050101054	SHOE CEN TYPE GUIDE 5-1/2"	EA	1	170.0000	170.00
052004054	COLLAR DRF FILL AL 5-1/2"	EA	1	520.0000	520.00
056011054	CENTR REG 5-1/2,B DIA-9"	EA	9	66.0000	594.00
056702054	PLUG CEMG 5-1/2" TOP PLASTIC	EA	1	75.0000	75.00
056019054	RING STOP HINGE/BOLT 5-1/2"	EA	1	18.0000	18.00
104986000	L64, TEMP. CLAY STABILIZER	GAL	3	31.5700	94.71
013048055	F75N, EZEFLO SURFACTANT	GAL	3	38.8700	116.61
	DISCOUNT - MATERIAL				3,934.21-
	DISCOUNT - SERVICE				1,004.52-

RECEIVED

JAN 15 1997

CONSERVATION DIVISION
WICHITA, KS

ORIG COMP LSE HUGSTON OTHER
 PLANT TEMA AFE D96060 ADCT # 215
 WELL NAME & NO/OTH Lahey #128R
 TAXABLE EXEMPT SUB. TO CONTRACT YES NO
 CORRECT PER CONTRACT _____ DATE _____
 VERIFIED BY _____

SUB TOTAL -- 9,171.91

7,612.12 373.00
7,612.12 76.12

AMOUNT DUE -- 9,621.03

APPROVED Bm DATE 1-14-97
ACB

WITH QUESTIONS CALL 316-356-1272

FEDERAL TAX ID # 22-1692661

TERMS -- NET 30 DAYS DUE ON OR BEFORE DEC 24, 1996

THANK YOU. WE APPRECIATE YOUR BUSINESS.

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