

# ORIGINAL CONFIDENTIAL

175-217110000

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

API NO. 15- \_\_\_\_\_  
County Seward  
S/2 S/2 NW/4 Sec. 15 Twp. 35 Rgo. 32  E

Operator: License # 32162

2310 Feet from S  (circle one) Line of Section

Name: Avalon Energy, LLC

1320 Feet from E  (circle one) Line of Section

Address P. O. Box 780063

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

City/State/Zip Oklahoma City, OK 73178

Lease Name Light Well # 3-15

Purchaser: Timberline

Field Name Liberal-Light

Operator Contact Person: Keith Hill

Producing Formation Morrow & Chester

Phone (316) 624-0156

Elevation: Ground 2746 KB 2750

Contractor: Name: VALE Energy

Total Depth 6290 PBDT 6221

License: 5822

Amount of Surface Pipe Set and Cemented at 1464 Feet

Wellsite Geologist: Brad Rine

Multiple Stage Cementing Collar Used?  Yes  No

Designate Type of Completion  
 New Well  Re-Entry  Workover

If yes, show depth set \_\_\_\_\_ Feet

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

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cnt.

If Workover/Re-Entry: old well info as follows

Drilling Fluid Management Plan AH-1, 7-30-98 U.C.  
(Data must be collected from the Reserve Pit)

Operator: \_\_\_\_\_

Chloride content 7,000 ppm Fluid volume \_\_\_\_\_ bbls

Well Name: \_\_\_\_\_

Dewatering method used KCC

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Location of fluid disposal if hauled offsite:  
JUN 3

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

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

3-02-98 3-16-98 5-20-98  
Spud Date Date Reached TD Completion Date

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, 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 [Signature]

Title MANAGER Date 6-3-98

Subscribed and sworn to before me this 3rd day of June 19 98.

Notary Public Cara Mark

Date Commission Expires 11/19/01

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
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rop <input type="checkbox"/> NGPA
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug <input type="checkbox"/> Other
(Specify)		

RELEASED  
SEP 28 1999  
FROM CONFIDENTIAL

CONFIDENTIAL

Operator Name Avalon Energy, LLC Lease Name Light Well # 3-15  
 Sec. 15 Twp. 35 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Electric Log Run (Submit Copy.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  List All E.Logs Run: Compensated Neutron Log Dual Induction Log	<table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;"><input checked="" type="checkbox"/></td> <td style="width: 15%;">Log</td> <td style="width: 60%;">Formation (Top), Depth and Datum</td> <td style="width: 20%;"><input type="checkbox"/> Sample</td> </tr> <tr> <td></td> <td style="text-align: center;">Name</td> <td style="text-align: center;">Top</td> <td style="text-align: center;">Datum</td> </tr> <tr> <td></td> <td>Heebner Shale</td> <td style="text-align: right;">4399</td> <td></td> </tr> <tr> <td></td> <td>Toronto</td> <td style="text-align: right;">4424</td> <td></td> </tr> <tr> <td></td> <td>Lansing</td> <td style="text-align: right;">4565</td> <td></td> </tr> <tr> <td></td> <td>Marmaton</td> <td style="text-align: right;">5264</td> <td></td> </tr> <tr> <td></td> <td>Cherokee Shale</td> <td style="text-align: right;">5548</td> <td></td> </tr> <tr> <td></td> <td>Oswego</td> <td style="text-align: right;">5552</td> <td></td> </tr> <tr> <td></td> <td>Morrow Shale</td> <td style="text-align: right;">5904</td> <td></td> </tr> <tr> <td></td> <td>Chester</td> <td style="text-align: right;">6150</td> <td></td> </tr> </table>	<input checked="" type="checkbox"/>	Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample		Name	Top	Datum		Heebner Shale	4399			Toronto	4424			Lansing	4565			Marmaton	5264			Cherokee Shale	5548			Oswego	5552			Morrow Shale	5904			Chester	6150	
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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	1464	Light	525	6% gel, 3% cc, 1/4#/sk floccul
					Class A	150	2% gel
Production	7-7/8"	4-1/2"	10.5#	6288	ASC	150	5#/sk Kol-seal

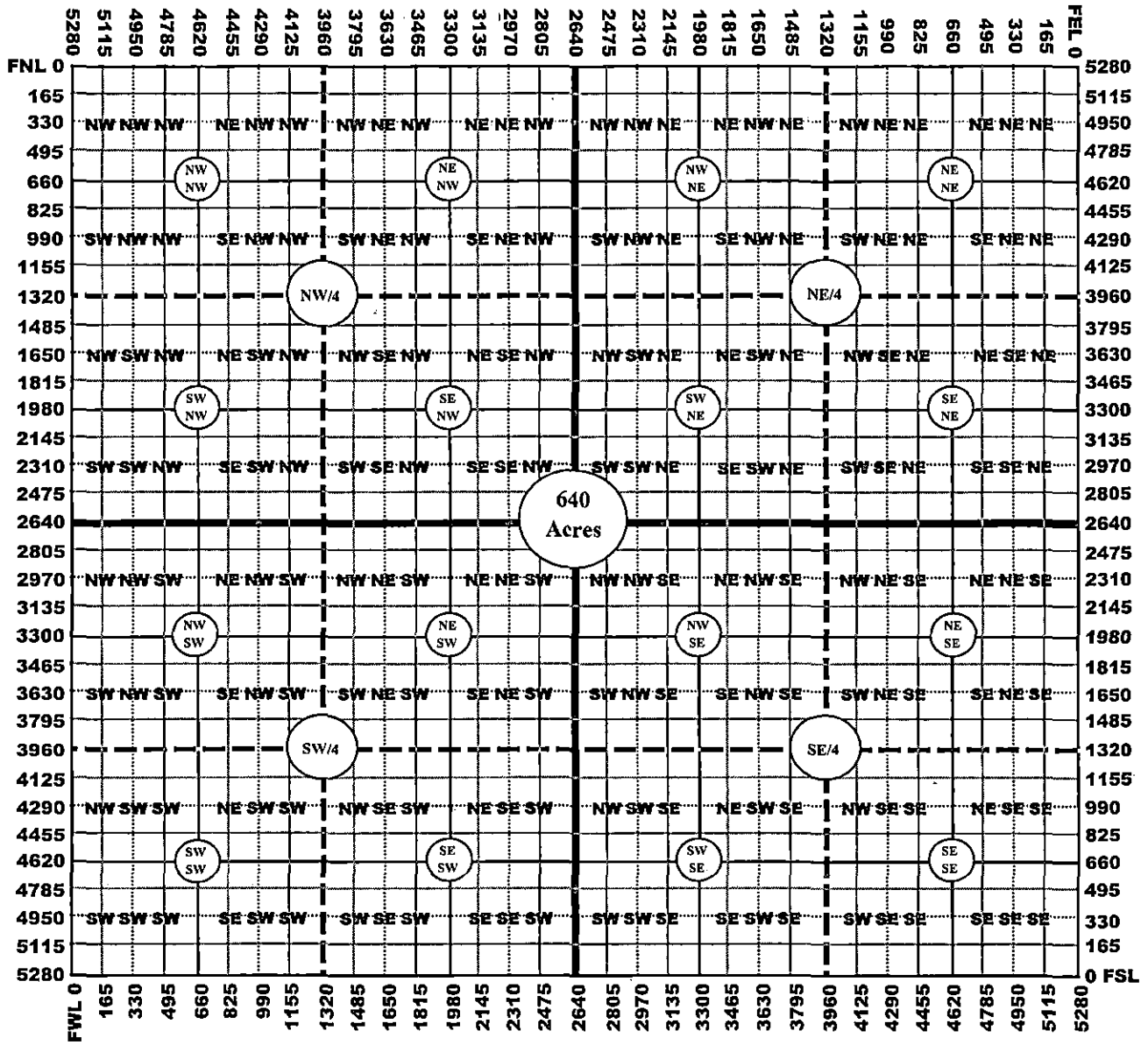
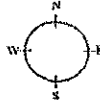
ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

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	
	4	6200-6214	6170-6190	2500 gal 15% HCL, 20,000 gal 70 Quality 20% acid
4	6101-6107		500 gal 7-1/2% acid, 5000 gal 70 Quality 7-1/2% acid	

TUBING RECORD		Size <u>2-3/8"</u>	Set At <u>6114</u>	Packer At <u>6114</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or In. <u>Waiting on pipeline</u>			Producing Method <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 Bbls. <u>Trace</u>	Gas Mcf <u>400</u>	Water Bbls: <u>2</u>	Gas-Oil Ratio	Gravity

Disposition of Gas:  Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled

METHOD OF COMPLETION Production Interval



# ALLIED CEMENTING CO., INC. 5880

## ORIGINAL

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

SERVICE POINT:  
Med Lodge, KS

DATE: 3-2-98	SEC: 15	TWP: 35S	RANGE: 32W	CALLED OUT: 10:15 P.M.	ON LOCATION: 2:30 P.M.	JOB START: 4:45 P.M.	JOB FINISH: 6:00 P.M.
LEASE: Opt.	WELL#: 3-15	LOCATION: General East Edge, 25-6/6E	COUNTY: Seward	STATE: KS			

**CONFIDENTIAL**

CONTRACTOR: DAL Energy OWNER: Avalon Energy LLC  
 TYPE OF JOB: Surface CEMENT

HOLE SIZE: 2 1/4	TD: 1470	AMOUNT ORDERED: 52.55x ALL + 3% CALL
CASING SIZE: 85/8 x 24	DEPTH: 1464	1/4" Flt - Seal 1.50x5x5 CLASS A + 3% CALL
TUBING SIZE:	DEPTH:	2% GEL
DRILL PIPE:	DEPTH:	
TOOL:	DEPTH:	
PRES. MAX: 900	MINIMUM: 200	COMMON @
MEAS. LINE:	SHOE JOINT: 43.48	POZMIX @
CEMENT LEFT IN CSG:		GEL @
PERFS:		CHLORIDE CASE @

**EQUIPMENT**

PUMP TRUCK: CEMENTER Andy Drexler  
 #233-302 HELPER Justin Hart  
 BULK TRUCK:  
 #259-314 DRIVER John Kelley  
 BULK TRUCK:  
 #257-250 DRIVER Mark B

COMMON	@	
POZMIX	@	
GEL	@	
CHLORIDE CASE	@	
	@	
	@	
	@	
	@	
FROM	@	
HANDLING	@	
MILEAGE	@	
KCC		
JUN 5		
TOTAL		

**REMARKS:**

Done on Bot + 1/2 m Break Circ  
 Mix + Pump 52.55x5 ALL + 3% CALL  
 1/4" Flt - Seal 1.50x5x5 CLASS A +  
 3% GEL + 2% GEL Release Plug  
 Pump + Displace Plug w/ 9 1/4 BHS 1470  
 Pump Plug Release PST Float Heli  
 Cement Circ to Surface

DEPTH OF JOB	1464
PUMP TRUCK CHARGE	
EXTRA FOOTAGE	@
MILEAGE	@
PLUG RELEASE	@
	@
	@
TOTAL	

CHARGE TO: Avalon Energy LLC  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**FLOAT EQUIPMENT**

1-Reg. Corde Shoe	@
1-SPU Insert	@
5- Centerizers	@
	@
	@
TOTAL	

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: X David B

TAX \_\_\_\_\_  
 TOTAL CHARGE \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

JUN

# ALLIED CEMENTING CO., INC. 5907

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

SERVICE POINT: Medicine Lodge

## ORIGINAL

DATE <u>3-13-98</u>	SEC <u>15</u>	TWP <u>35S</u>	RANGE <u>32W</u>	CALLED OUT <u>9:00 pm</u>	ON LOCATION <u>12:45 Am</u>	JOB START <u>8:35 Am</u>	JOB FINISH <u>9:10 Am</u>
LEASE <u>light</u>		WELL# <u>3-15</u>		LOCATION <u>Liberah Energy Center East on Blue Hill Rd. 2.5 mi N of Medicine Lodge 1/2 E 5/4 mile</u>		COUNTY <u>Richardson</u>	STATE <u>Kansas</u>

OLD OR NEW (Circle one)

## CONFIDENTIAL

CONTRACTOR W.H. Rig 1 OWNER Aviation Energy LLC

TYPE OF JOB \_\_\_\_\_ CEMENT

HOLE SIZE 7 7/8 T.D. 6290

CASING SIZE 4 1/2 x 10.5 DEPTH 6285

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX 1000 MINIMUM 100

MEAS. LINE \_\_\_\_\_ SHOE JOINT 44.14

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

### EQUIPMENT

PUMP TRUCK CEMENTER Carl Prading

# 233-302 HELPER Steve Winsor

BULK TRUCK # 301 DRIVER Mark Bull Carr

BULK TRUCK # \_\_\_\_\_ DRIVER \_\_\_\_\_ RELEASED \_\_\_\_\_

REMARKS: SEP 28 1999

AMOUNT ORDERED 150 sx ASC + 5<sup>th</sup> Kol-seal + 25 sx 60:40:6 + 500 Gal Mud Clean (10 Gal Cla-Pro)

COMMON Class A 15 sx @ 7.55 113.25

POZMIX 10 sx @ 3.25 32.50

GEL 1 sx @ \_\_\_\_\_

CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_

ASC 150 sx @ 9.05 1,357.50

Kol-seal 750 lbs @ .38 285.00

Mud-Clean 500 Gal @ .75 375.00

Cla-Pro 10 Gal @ 22.90 229.00

HANDLING 175 sx @ 1.20 210.00

MILEAGE .04 x 175 x 40 280.00

**KCC**

TOTAL 2,882.25

JUN 5

## CONFIDENTIAL SERVICE

CONFIDENTIAL

Pipe on bottom break circulation with

Rig + Circulate for 1 hour + 15 minutes

Pump 500 Gal Mud-Clean, MIX + Pump

150 sx ASC + 5<sup>th</sup> Kol-seal Cement in

Stop pump, switch valves + wash pumps + lines

Release plug + Displace w/ 99% KOL 2% KOL

(Bump plug, Release pressure + Inject 100 water

leave 25 sx 60:40:6 on ground for RAT + Microseal Hole

DEPTH OF JOB 6285

PUMP TRUCK CHARGE \_\_\_\_\_ 1,604.00

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE 10 @ 2.85 28.50

PLUG Rubber @ 38.00 38.00

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL 1,670.50

CHARGE TO: Aviation Energy LLC

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

### FLOAT EQUIPMENT

Regular Grease @ 140.00

1-YAFU Insert @ 235.00

1-Stop Rings @ 20.00

3-Centralizers @ 53.00 424.00

1-Thread Lock Kit @ 30.00

TOTAL 849.00

TAX \_\_\_\_\_

TOTAL CHARGE 5401.75

DISCOUNT 810.26 IF PAID IN 30 DAYS

NET 4591.49

RECEIVED

JUN - 5

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 Phillip T. Hills