FORM MUST BE TYPED

COPY

SIDE ONE

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

CONFIDENTIAL

API NO. 15- 175-217110000

County Seward

- S/2 S/2 NW/4 Sec. 15 Twp. 35 Rge. 32 E x W

2310 Feet from S (N) (circle one) Line of Section

1320 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 Light Well # 3-15

Field Name Liberal-Light

Producing Formation Morrow & Chester

Elevation: Ground 2746 KB 2750

Total Depth 6290 PBTD 6221

Amount of Surface Pipe Set and Cemented at 1464 Feet

Multiple Stage Cementing Collar Used? _____ Yes x No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

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

Chloride content 7,000 ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite:

Operator Name _____

Lease Name _____ License No. _____

_____ Quarter Sec. _____ Twp. _____ Rge. _____ E W

County _____ Docket No. _____

Operator: License # 32162

Name: Avalon Energy, LLC

Address P. O. Box 780063

City/State/Zip Oklahoma City, OK 73178

Purchaser: Timberline

Operator Contact Person: Keith Hill

Phone (316) 624-0156

Contractor: Name: VAL Energy

License: 5822

Wellsite Geologist: Brad Rine

Designate Type of Completion
X New Well ____ Re-Entry ____ Workover

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

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

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

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

RELEASED
SEP 20 1999
FROM CONFIDENTIAL

KCC
JUN 3
CONFIDENTIAL

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 George S. Loss

Title MANAGER Date 6-3-98

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

Notary Public Clara Mark

Date Commission Expires 11/19/01

K.C.C. OFFICE USE ONLY
F ✓ Letter of Confidentiality Attached
C ✓ Wireline Log Received
C ____ Geologist Report Received

Distribution
✓ KCC ____ SWD/Rep ✓ NGPA
____ KGS ____ Plug ✓ Other (Specify)
IOG

COPY

SIDE TWO

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.) ☒ Yes ☐ No

Samples Sent to Geological Survey ☒ Yes ☐ No

Cores Taken ☐ Yes ☒ No

Electric Log Run (Submit Copy.) ☒ Yes ☐ No

List All E.Logs Run:

Compensated Neutron Log
Dual Induction Log

☒ Log Formation (Top), Depth and Datums ☐ Sample

Name	Top	Datum
Heebner Shale	4399	
Toronto	4424	
Lansing	4565	
Marmaton	5264	
Cherokee Shale	5548	
Oswego	5552	
Morrow Shale	5904	
Chester	6150	

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	1464	Light	525	6% gel, 3% cc, 1/4 sk flocele
					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	Depth Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate					
___ Protect Casing					
___ Plug Back TD					
___ 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	Set At	Packer At	Liner Run
	2-3/8"	6114		☐ Yes ☐ No

Date of First, Resumed Production, SWD or Inj.	Producing Method
Waiting on pipeline	☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	Trace	400	2		

Disposition of Gas:

☐ Vented ☒ Sold ☐ Used on Lease

METHOD OF COMPLETION

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☒ Commingled

Production Interval