

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

API #15-109-20,438-00-01

18-13-32W

County Logan
Approx. NW - SE - NE - Sec. 18 Twp. 13S Rge. 32 X W
1960 3320 FSU Feet from S/N (circle one) Line of Section
700 4580 FL-1000 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 Voth "OWWO" Well # 1

Field Name _____

Producing Formation _____

Elevation: Ground 3022' 2-32 prev. stations KB 3027'

Total Depth 2330' PBTD _____

Amount of Surface Pipe Set and Cemented at 319' Prev. Set _____ 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 cnt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content 9500 ppm Fluid volume 800 bbls

Deaerating 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. _____

License # 9860

Name: Castle Resources, Inc.

Address 1200 E. 27th, Suite C

City/State/Zip Hays, KS 67601

Purchaser: _____

Operator Contact Person: Jerry Green

Phone (913) -625-5155

Contractor: Name: Emphasis Oil Operations

License: 8241

Wellsite Geologist: ----

Designate Type of Completion

_____ New Well X Re-Entry _____ Workover

_____ Oil _____ SWD _____ SLOW _____ Temp. Abd.

_____ Gas _____ ENHR _____ SIGW

X _____ Dry _____ Other (Core, VSW, Expl., Cathodic, etc)

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

Operator: Donald C. Slawson

Well Name: Voth "QQ"

Comp. Date 3-14-87 Old Total Depth 4718'

_____ Deepening _____ Re-perf. _____ Conv. to Inj/SWD

_____ Plug Back _____ PBTD

_____ Commingled _____ Docket No. _____

_____ Dual Completion _____ Docket No. _____

X _____ Other (SWD or Inj?) Docket No. _____

Kicked out of old hole @ 1418'

14/93 9/16/93 9-17-93

Spud Date _____ Date Reached TD _____ Completion Date _____

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.

STATE CORPORATION COMMISSION

Signature Tony Williams
Title Production Superintendent Date 11-16-93

Subscribed and sworn to before me this 16 day of November

Notary Public Chris Schumacher

Notary Commission Expires 5-8-96

NOV 18 1993

CONSERVATION DIVISION

Wichita, Kansas

K.C.C. OFFICE USE ONLY
Letter of Confidentiality Attached _____
Wireline Log Received _____
Geologist Report Received _____

Distribution
_____ KCC _____ SWD/Rep _____ NGPA
_____ KGS _____ Plug _____ Other _____
(Specify)



Form ACO-1 (7-91)

11

Operator Name Castle Resources, Inc. Lease Name Voth "OWWO" Well # 1
☐ East County Logan
Sec. 13S Rge. 32 ☒ West

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	2506	+ 526
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Base Anhydrite	2528	+ 504
Test All E.Logs Run:		Wab	3612	- 580
		Heeb	3960	- 928
		Tor	3976	- 944
		Lans	3993	- 961
		Mun Cr	4162	-1130
		Stark	4247	-1215
		BKC	4314	-1282
		Marm	4360	-1328
		Paw	4456	-1424
Ft. Scott	4513	-1481		
Cher LWR	4540	-1508		
Johnson Zone	4584	-1552		
Miss	4687	-1655		
LTD	4716	-1684		

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 3/4	8 5/8	NA	319	NA	250	NA

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top 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

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Date	First, Resumed Production, SVD or Inj.	Producing Method	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity

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 _____



Castle Resources, Inc.

Jerry Green

DAILY WELL REPORT

OPERATOR: Castle Resources Inc.
WELL NAME: Voth #1
SPOT LOCATION: C SW NW 18-13s-32w
COUNTY/STATE: Logan County, Kansas
CONTRACTOR: Emphasis Oil Operations
GEOLOGIST: Jerry Green
ELEVATION: 3026 gr

API #15-109-20438-0001

- 09-14-93: Moved in rigged up Emphasis Oil Operations rig #8. Began re-entry at 4:40 p.m.
- 09-15-93: Drilled 55' top plug found second plug at 6:20 p.m. Began drilling on third plug at 10:35 p.m. Currently at 1480' and drilling on third plug.
- 09-16-93: Drilling in new hole at 1800'. Began getting formation returns at 1480'. Suspect kicked out of oil hole at 1418-/+ . Tripped bit at 1510. Found teeth knocked off possibly by metal. Drilled ahead trying to relocate old hole.
- 09-17-93 Drilled to 2330', Total Depth. Unable to find old hole. Gave up on relocating old hole and plugged well with 190 sks. 60/40 Poz, 6% Gel as follows: 10 sks. @ 40', 40 sks. @ 370', 100 sks. + 1 sk. Flo-Cele @ 1480', 25 sks. @ 2330' and 15 sks. in the Rat Hole. Well plugged @ 3:45 P.M. 9-17-93. Released Emphasis Oil Operations Rig #8. Final Report.

RECEIVED
STATE CORPORATION COMMISSION

NOV 18 1993

CONSERVATION DIVISION
Wichita, Kansas