

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

Operator: License # 04782Name: Ensign Operating Co.Address P. O. Box 2161City/State/Zip Liberal, KS. 67905-2161Purchaser: N/AOperator Contact Person: BILL WALDORF
Wes WillimonPhone (316) 626-8131Contractor: Name: Cheyenne Drlg., Inc.License: #5382Wellsite Geologist: Duane Moredock

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

☒ Oil ☐ SWD ☐ SIOW ☒ **RELEASED**
☐ Gas ☐ ENHR ☐ SIGW
☐ Dry ☐ Other (Core, WSV, 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. 95486-C

04/22/2000 06/01/2000 06/12/2000Spud Date 04/22/2000 Date Reached TD 06/01/2000 Completion Date 06/12/2000API NO. 15- 033-21082-0100County Comanche

SURFACE LOCATION

NW NE NE Sec. 17 Twp. 31S Rge. 20 EW195 SURFACE Feet from S(NE) (circle one) Line of Section1213 SURFACE Feet from EW (circle one) Line of SectionBOTTOM HOLE LOCATION 4513.6 FNL 1917.5 FEL

Footages Calculated from Nearest Outside Section Corner:

(NE) SE, NW or SW (circle one)

Lease Name Huck Well # 1-17HField Name WildcatProducing Formation ViolaElevation: Ground 2105' KB 2120'Total Depth 10,070' PBTD 10,070'Amount of Surface Pipe Set and Cemented at 1250 FeetMultiple 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 ALT 1 8-7-01 SK
(Data must be collected from the Reserve Pit)Chloride content 1500 ppm Fluid volume 360 bblsDewatering method used Hauled Fluids

Location of fluid disposal if hauled offsite: _____

Operator Name Star Resources, LLC.Lease Name Currier #20-9 License No. 32389E₁ Quarter Sec. 20 Twp. 32 S Rng. 18 E₁County Comanche Docket No. D-27668

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 Wes WillimonTitle Production Supt. Date Aug. 18, 2000Subscribed and sworn to before me this 18th day of August 2000.Notary Public William L. WolfDate Commission Expires Sept. 19th, 2002

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 type="checkbox"/> KCC	<input type="checkbox"/> SWD/Rep.	<input checked="" type="checkbox"/> NEPA
<input type="checkbox"/> KGS	<input type="checkbox"/> Plug	<input checked="" type="checkbox"/> Other
(Specify)		

IOG

Operator Name Ensign Operating Co.Lease Name HuckWell # 1-17HSec. 17 Twp. 31S Rge. 20☐ EastCounty Comanche☒ 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 ☐ Yes ☒ No
(Attach Additional Sheets.)

Samples Sent to Geological Survey ☐ Yes ☒ No

Cores Taken ☐ Yes ☒ No

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

List All E.Logs Run:

See attached
BAKER ATLAS GAMMA RAY/CCL & TVD

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name Top Datum

See attached

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
Conductor	30"	20"	64#	100'	10 Sx. Grout	9 1/2 Yds	N/A
Surface	12 1/4"	9-5/8"	36#	1250'	Midcon2 Pre Pre Plus	165 200	2% CC 2% CC
Production	8-3/4"	7"	23#	6156'	Class H	165	5% EA-2, 10% Salt, .75 Halad 322, & 5#/Sx Gilsonite.

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
	- OPEN HOLE -		

TUBING RECORD	Size 2-7/8"	Set At 5119.57'	Packer At N/A	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. SI F/Evaluation	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> (No Production) Other (Explain)			
Estimated Production Per 24 Hours	Oil 0	Bbls.	Gas 0	Mcf 0
			Water 55	Bbls.
			Gas-Oil Ratio N/A	Gravity N/A

Disposition of Gas: (No Production)

☐ Vented ☐ Sold ☐ Used on Lease
(If vented, submit ACO-18.)

METHOD OF COMPLETION

☒ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____

Production Interval

6156' To
10,070 Horiz. OH

Formation Top Summary

Storage Units: Imperial

Kelly Bushing Elevation: 2,120.00
 Ground Elevation: 2,105.00

Casing Flange Elevation:

** All Depths measured from Kelly Bushing Elevation **

Group Formation Member	Prognosis (TVD)	Sample Top (MD)	Sample Top (TVD)	Log Top (MD)	Log Top (TVD)	Subsea	Thickness
Shawnee Oread Heebner	4,232.00	4,248.00	4,248.00			-2,128.00	
Marmaton Marmaton	4,906.00	4,912.00	4,912.00			-2,792.00	
Marmaton Pawnee	5,006.00	5,000.00	5,000.00			-2,880.00	
Marmaton Fort Scott	5,043.00	5,035.00	5,035.00			-2,915.00	
Cherokee Cherokee	5,037.00	5,042.00	5,042.00			-2,922.00	
Mississippian Mississippian Unconf	5,141.00	5,154.00	5,154.00	5,130.00	5,130.00	-3,010.00	
Moramecian Warsaw	5,481.00	5,509.00	5,508.00	5,498.00	5,494.00	-3,374.00	
Osage Osage Cowley	5,567.00	5,591.00	5,584.00	5,573.00	5,568.00	-3,448.00	
Kinderhook Kinderhook	5,830.00	5,947.00	5,830.00	5,938.00	5,831.00	-3,711.00	
Kinderhook Kinderhook Gray Zone	5,837.00	6,006.00	5,854.00	5,998.00	5,853.00	-3,733.00	

Huck 1-17H