

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

API NO. 15- 135-23807

COPY
CONFIDENTIAL

County Ness

C - NE - SW Sec. 29 Twp. 18 Rge. 26 X^E

Operator: License # 04782

1980' Feet from S (circle one) Line of Section

Name: Ensign Operating Co.

1980' Feet from E (circle one) Line of Section

Address P.O. Box 2161

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

City/State/Zip Liberal, Kansas 67905

Lease Name Reeves Well # 1-29

Purchaser: N A

Field Name Wildcat

Operator Contact Person: Reed Wacker

Producing Formation D & A

Phone (316) 626-8131

Elevation: Ground 2588' KB 2597'

Contractor: Name: Duke Drilling Co., Inc.

Total Depth 4656' PSTD G I

License: 5929

Amount of Surface Pipe Set and Cemented at 317' Feet

Wellsite Geologist: Duane Moredock

Multiple Stage Cementing Collar Used? Yes X 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, VSW, Expl., Cathodic, etc)

If Alternate II completion, cement circulated from _____

foot depth to _____ w/ _____ ex cat.

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

Drilling Fluid Management Plan D&A JH 10-26-94
(Data must be collected from the Reserve Pit)

Operator: _____

Chloride content 29,000 ppm Fluid volume 1,285 bbls

Well Name: _____

Dewatering method used Evaporation

Comp. Date _____ Old Total Depth _____

Location of fluid disposal if hauled offsite:

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

RELEASED

Operator Name _____

Lease Name JUL 2 6 1995 License No. KCC

FROM CONFIDENTIAL JUN Rge. 9 E/W

County _____ Docket # CONFIDENTIAL

5/5/94 5/11/94 D & A
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, re-completion, 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-9 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 Reed Wacker

Title Prod Supt Date 6/9/94

Subscribed and sworn to before me this 9 day of JUNE, 19 94.

Notary Public Herb Brady

Date Commission Expires _____

NOTARY PUBLIC, State of Kansas
HERB BRADY
My Admt. Exp. 9/14/97

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
C Wireline Log Received
G Geologist Report Received

Distribution
 KCC SWD/Rep NGA
 KGS Plug Other (Specify) IS

Operator Name Ensign Operating Co. Lease Name Reeves Well # 1-29

Sec. 29 Twp. 18S Rge. 26 East West
 County Ness

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: COMPENSATED DENSITY
RADIATION GUARD
DUAL INDUCTION
MICRO
 See attached

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 See attached

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"	20#	317'	Class A	175	2% Gel/3% CC

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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(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 of 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 <u>N/A</u> Bbls.	Gas <u>N/A</u> Mcf	Water <u>N/A</u> Bbls.	Gas-Oil Ratio	Gravity	

Disposition of Gas: Vented Sold Used for Losses (If vented, submit ACO-
 METHOD OF COMPLETION: Open Hole Perf Dually Comp. Confining
 Production Interval

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FORMATION TOPS

Ensign Operating Co.

No. 1-29 Reeves

NE SW Sec 29, T18S, R26W

Ness County, Kansas

	G.L. 2588' K.B. 2597'	Comparison Well SW NE 30-18S-26W K.B. 2584'	Wire Line Logs	Drill Time & Samples
Tertiary		Surface +2579'	Surface +2588'	Surface +2588'
Cretaceous				
Cenomanian				
Fort Hays	80' +2554'		94' +2503'	94' +2503'
Carlile	145' +2439'		122' +2475'	122' +2475'
Greenhorn	382' +2270'		378' +2219'	378' +2219'
Graneros	505' +2079'		524' +2073'	524' +2073'
Albian				
Dakota	525' +2059'		538' +2059'	538' +2059'
Kiowa	790' +1794'		806' +1791'	806' +1791'
Cheyenne	890' +1694'		922' +1675'	922' +1675'
Permian				
Glaudalupian				
White Horse	1100' +1484'		1096' +1501'	1096' +1501'
Leonardian				
Nipewalla Gr.				
Blaine	1298' +1286'		1311' +1286'	1315' +1282'
Cedar Hills	1415' +1169'		1428' +1169'	1428' +1169'
Sumner Gr.				
Stone Corral	1942' +642'		1944' +653'	1952' +645'
Ninnescah	1980' +604'		1979' +618'	1988' +609'
Wellington	2250' +334'		2252' +345'	2258' +339'
Hutchinson	2333' +251'		2334' +263'	2343' +254'
Wolfcampian				
Chase Gr.				
Herington	2595' -10'		2622' -25'	2626' -29'
Krider	2620' -36'		2644' -47'	2648' -51'
Winfield	2675' -94'		2695' -98'	2698' -101'
Gage Shale	2690' -106'		2714' -117'	2715' -116'
Towanda	2733' -149'		2760' -163'	2760' -163'
Fort Riley	2796' -212'		2816' -219'	2815' -218'
Wreford	2920' -336'		2942' -345'	2942' -345'
Council Grove Gr.	2948' -364'		2948' -371'	2948' -371'
Neva	3125' -541'		3146' -549'	3147' -549'
Red Eagle	3180' -626'		3202' -605'	3202' -605'

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G.L. 2588' K.B. 2597'	Comparison Well SW NE 30-18S-26W K.B. 2584'	Wire Line Logs	Drill Time & Samples
Foraker	3210' -626'	3238' -641'	3238' -641'
Pennsylvanian			
Virgilian			
Wabaunsee Gr.	3333' -749'	3346' -749'	3346' -749'
Root Shale	3378' -794'	3402' -805'	3401' -804'
Shawnee Gr.			
Topeka	3608' -1024'	3632' -1035'	3630' -1033'
Douglas Gr.			
Heebner	3890' -1306'	3914' -1317'	3910' -1313'
Toronto	3908' -1324'	3932' -1335'	3927' -1330'
Missourian			
Lansing Gr.	3930' -1346'	3958' -1361'	3955' -1358'
Kansas City Gr.			
Bonner Spgs	4010' -1426'	4040' -1443'	4038' -1441'
Cherryvale	4199' -1615'	4224' -1627'	4225' -1628'
Stark	4232' -1648'	4262' -1665'	4263' -1666'
Hushpuckney	4270' -1686'	4296' -1699'	4300' -1703'
Demoinesian			
Marmaton Gr.	4308' -1724'	4334' -1737'	4335' -1738'
Pawnee	4400' -1816'	4424' -1827'	4421' -1824'
Labette	4448' -1864'	4474' -1877'	4473' -1876'
Fort Scott	4453' -1869'	4480' -1883'	4478' -1881'
Cherokee Gr.			
A Interval	4475' -1891'	4504' -1907'	4501' -1904'
B Interval	4509' -1925'	4540' -1943'	4532' -1935'
Mississippian			
Meramecian			
Warsaw	4565' -1981'	4594' -1997'	4593' -1996'
Total Depth	4579' -1995'	4656' -2059'	4656' -2059'