

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

COPY

API NO. 15- 025-21,071 1 2

Operator: License # 04782Name: Ensign Operating Co.Address 621 17th St.Suite 1800City/State/Zip Denver, CO 80293

Purchaser: _____

Operator Contact Person: J. C. SIMMONSPhone (303) 293-9999Contractor: Name: Allen Drilling #5License: 5418Wellsite Geologist: John D. Pruitt

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover☐ Oil ☐ SVD ☐ SIOW ☐ Temp. Abd.☐ 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 21 1992☐ Deepening ☐ Re-perf. ☐ Coring ☐ SVD☐ Plug Back ☐ PBT☐ Cemented ☐ Bucket No. _____☐ Dual Completion ☐ Bucket No. _____☐ Other (SVD or Inj?) Bucket No. _____Spud Date 11/15/91 Date Reached TD 11/26/91 Completion Date D&A 11/27/91County Clark CONFIDENTIAL- NW - SW Sec. 12 Twp. 33S Rge. 21 X E1980 Feet from (S/N) (circle one) Line of Section4620 Feet from (S/N) (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, (SE), NW or SW (circle one)Lease Name Bare Well # 1-12Field Name Wildcat

Producing Formation _____

Elevation: Ground 1829 KB 1834Total Depth 5330 PSTD _____Amount of Surface Pipe Set and Cemented at 692 FeetMultiple Stage Cementing Celler Used? ☐ Yes ☐ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ ex cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit) A/I/D/DChloride content 45,714 ppm Fluid volume 2250 bblsSequestering method used Transport to SVD Well

Location of fluid disposal if hauled offsite: _____

Operator Name Dilco Fluid Service, Inc.Lease Name I.B. Regier SVD License No. 6652NE Quarter Sec. 17 Twp. 33 S Rng. 27 X NCounty Meade Bucket No. CD-9824

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 Connie Smith Jan 25 1993Title Sr. Engineering Technician Date 1/17/92Subscribed and sworn to before me this 17th day of January, 19 92.Notary Public Pamela F. CampbellDate Commission Expires 9/30/94

K.C.C. OFFICE USE ONLY

F ☒ Letter of Confidentiality Attached
C ☒ Wireline Log Received
C ☐ Geologist Report Received

Distribution

☒ KCC ☐ SVD/Rep ☐ NGPA
☒ KGS ☐ Plug ☐ Other (Specify) IS

Operator Name Ensign Operating Co.Lease Name BareWell # 1-12Sec. 12 Twp. 33S Rge. 21☐ East
☒ WestCounty Clark

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

☐ 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	17- $\frac{1}{2}$	13-3/8	48	142	Class "C"	175	1 1/2% /sk 2% CaCl ₂
Surface	12- $\frac{1}{4}$	8-5/8	24	692	HLC	100	" " "
				Tail in	Class "C" HLC	150 80	2% CaCl ₂

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	Pecker At	Liner Run
				☐ Yes ☐ No

Date of First, Resumed Production, SVD or Inj. D&A 11/27/91			Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Expla					
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

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

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

COPY

DEC 1 2

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Ensign Operating Company
#1-12 Bare
Page 3

FORMATION TOPS:

<u>Formation</u>	<u>Sample</u>	<u>Datum</u>	<u>E. Log</u>	<u>Datum</u>
Heebner	4181'	(-2347')	4182'	(-2348')
Toronto	4195'	(-2361')	4199'	(-2365')
Lansing	4376'	(-2542')	4377'	(-2543')
Stark Shale	4791'	(-2957')	4791'	(-2957')
Marmaton	4882'	(-3048')	4882'	(-3041')
Pawnee	5015'	(-3181')	5016'	(-3182')
Ft. Scott	5056'	(-3222')	5054'	(-3220')
Cherokee	5071'	(-3227')	5071'	(-3237')
Inola	5176'	(-3342')	5173'	(-3339')
Morrow	5186'	(-3352')	5184'	(-3350')
Morrow	5207'	(-3373')	5207'	(-3373')
Mississippian	5251'	(-3417')	5252'	(-3418')

SHOW DESCRIPTION:

<u>Formation</u>	<u>Interval</u>	<u>Description</u>
Pawnee	5019'-5022'	Dolomite. Light brown, limy, shell fragments, tight, trace spotty brown oil stain, bright gold fluorescence, instant streaming cut, strong ring. POOR SHOW.
Pawnee	5033'-5037'	Dolomite. Buff-light brown, microcrystalline, limy in part, very chalky in part, shell fragments, tight, trace spotty brown oil stain, bright gold fluorescence, instant streaming cut, strong ring. POOR SHOW.
Morrow Sand	5207'-5227'	Sandstone. Clear, very fine-coarse grained, bimodal, subangular-subrounded, moderately-well sorted, clay filled in part, trace calcareous cement, very siliceous in part, slightly-very glauconitic, tight-trace poor visible porosity in very fine grained clusters, tight-good visible porosity in medium-coarse grained clusters with occasional black carbonaceous lining of pore throats, gold fluorescence and instant streaming cut, fair ring. POOR SHOW.

RELEASED

Jan 25-1993
2-6-1992

DEC 1 6 1991

FROM CONFIDENTIAL