

RELEASED

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
DATE: Aug 1988
WELL COMPLETION OR RECOMPLETION FORM
FROM: ~~CONFIDENTIAL~~
DESCRIPTION OF WELL AND LEASE

SIDE ONE

S

API NO. 15-081-20,444

County: Haskell

C/W-2.NE SW.. Sec. 36.. Twp. 30S Rge. 34.. X East X West...1980.... Ft North from Southeast Corner of Section
...3630.... Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

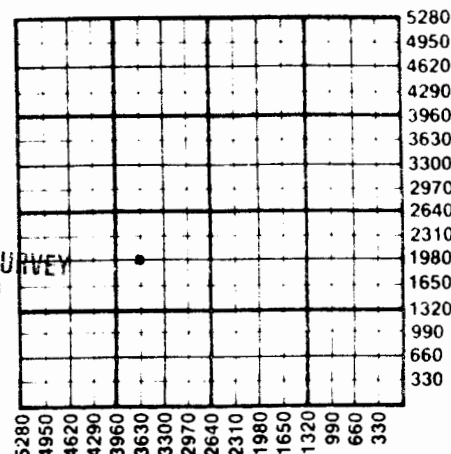
Lease Name.....Ungles.....Well #.1-36..

Field Name.....

Producing Formation.....Morrow.....

Elevation: Ground.....2954'.....KB.....2966'.....

Section Plat



AUG 25 1988

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

WATER SUPPLY INFORMATION

Disposition of Produced Water: _____ Disposal
Docket # _____ Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:

Division of Water Resources Permit #.187-177.....

X Groundwater...1980...Ft North from Southeast Corner
(Well) ...3630...Ft West from Southeast Corner of
Sec 36 Twp 30S Rge 34 East X West

Surface Water.....Ft North from Southeast Corner
(Stream, pond etc).....Ft West from Southeast Corner
Sec Twp Rge East West

Other (explain).....
(purchased from city, R.W.D. #)

Operator: License # 4782
Name ...Ensign Operating Co.....
Address 621 17th Street Suite 1800...
City/State/Zip Denver CO 80293

Purchaser....Bountiful Corporation.....
....Northern Natural.....

Operator Contact Person Larry Hartnett.....
Phone 303-293-9999

Contractor: License # 5107
Name ...H-30 Drilling, Inc.....

Wellsite Geologist....Duane Moredock.....
Phone.....303-629-7204.....

Designate Type of Completion

X New Well _____ Re-Entry _____ Workover
X Oil _____ SWD _____ Temp Abd
Gas _____ Inj _____ Delayed Comp.
Dry _____ Other (Core, Water Supply etc.)

If OMWO: old well info as follows:

Operator
Well Name
Comp. DateOld Total Depth.....

WELL HISTORY

Drilling Method:

X Mud Rotary _____ Air Rotary _____ Cable

5/11/87..... 5-20-87..... 6-22-87.....
Spud Date Date Reached TD Completion Date

5850'..... 5558'.....
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at...1746...feet
Multiple Stage Cementing Collar Used? Yes X No
If yes, show depth set.....feet
If alternate 2 completion, cement circulated
from.....feet depth to.....w/.....SX cmt
Cement Company Name
Invoice #

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log shall be attached with this form. 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 Larry S. Hartnett

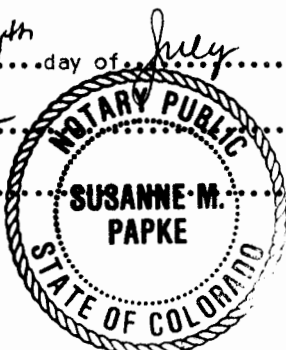
Title.....Manager, Operations..... Date 7/24/87..

Subscribed and sworn to before me this 24th day of July
1987...
Notary Public...Susanne M. Papke.....

Date Commission Expires...12-26-90.....

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

JUL 28 1987



K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received

Distribution

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

Form ACO-1 (5-86)

Sec. 36, Twp. 30S, Rge. 34W

Operator NameEnsign Operating Co..... Lease Name.....Ungeles..... Well #...1-36..

Sec...36..... Twp...30S..... Rge...34..... ☐ East
☒ West County.....Haskell.....

WELL LOG

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
Samples Sent to Geological Survey ☒ Yes ☐ No
Cores Taken ☐ Yes ☒ No

Formation Description
☒ Log ☒ Sample

DST #1: 5276-5320', Morrow
GTS in 5 min @ 82 MCF
Condensate to surf in 52 mins
Recovered 4280' very gassy oil, 240'
MGC0, No water.
Total Fluid - 4520'.
HP: 2511-2461
FP: 316-354, 431-720
SIP: 1724-1724

Name	Top	Bottom
Sand	0	585'
Red Bed and Shale	585'	1,130'
Red Bed, Shale and Sand	1,130'	1,735'
Red Bed	1,735'	1,760'
Red Bed and Shale	1,760'	2,434'
Lime and Shale	2,434'	2,739'
Shale	2,739'	3,306'
Lime and Shale	3,306'	5,850'
Rotary Total Depth		5,850'

DST #2: 5398-5430', Chester
GTS in 5 min into 2nd SI
Recovered 5380' GIP, 50' drlg mud.
HP: 2590-2521
FP: 76-57, 76-67
SIP: 95-1537
BHT: 135

Herrington	2,558'
Topeka	3,600'
Heebner	4,058'
Lansing	4,159'
Marmaton	4,782'
Morrow	5,278'
Chester	5,402'
Ste. Gen.	5,540'
St. Louis	5,624'
LTD	5,846'

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	22"	22"		30'	3 yards	6 sks	9 out
Surface	12-1/4"	8-5/8"	24#	1746'	Lite Wt.	555	2% cc
					Halliburton	125	2% cc
Production	7-7/8"	4-1/2"	10.5#	5600'	Class H	325	.2% CBL .7% Halid 322

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
.....4.....	..5308 to 5327.....	..2,000 gallons. 15% FE.....	5308 to 5327'
.....		Acid.....	5327'.....
.....			
.....			

TUBING RECORD	Size 2-3/8 Set At 5268' Packer at 5268'	Liner Run ☐ Yes ☒ No
---------------	---	---

Date of First Production	Producing Method
6/22/87	☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	255 Bbls	217 MCF	0 Bbls	851 CFPB	34.5

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented
☒ Sold
☐ Used on Lease

☐ Open Hole ☒ Perforation
☐ Other (Specify)

...5308' to 5327'

☐ Dually Completed
☐ Commingled