DIRECTIONS
1. PLEASE TYPE OR USE BLACK INK.
2. File this form completed in its entirety.
3. Mail to the appropriate District Office.
4. Complete schematic sketch on back.
5. Attach amended OCC Form 1002A showing T & A conditions.

OKLAHOMA CORPORATION COMMISSION
Oil and Gas Conservation Division
Post Office Box 52000
Oklahoma City, Oklahoma 73152-2000

NOTICE OF TEMPORARY EXEMPTION FROM PLUGGING
(OAC 165:10-11-9)

Form 1003A
Rev. 2008

[ ] ORIGINAL APPLICATION
[ ] AMENDED APPLICATION
[X] RENEWAL APPLICATION
Original Application Date Unknown

Operator: Merit Energy Company			OCC/OTC No.: 18934
Address: 13727 Noel Road, Suite 1200			Phone No.: 972-628-1660
City: Dallas	State: TX		Zip: 75240
Lease /Well Name No.: ~~Purdy Hart SU NE I-21 (Andy Jones 4)~~ NE Purdy Hart Sand Unit I-21	API No.: 35-049-39612		OTC Lease No.: 049-013371
Spot Location: /4 C NW/4 NW/4	660' Ft. From North Line of Qtr. Sec.	660' Ft. From West Line of Qtr. Sec.	
Sec.: 14 / Twp.: 3N / Rge.: 4W Indian / County: Garvin / Completion Date: 07/02/1956			Date Last Produced/Used as Utility Well: Non-productive
Is well located on a valid or producing lease or unit? [X] yes [ ] no	Depth to Base of Treatable Water: 180'		Surface Casing Set at: 525'

LATEST TEST DATA

Test Date	Oil BBLS	Water BBLS	Gas MCF

PRODUCING FORMATION(S)	PERFORATIONS	SPACING SIZE/ORDER NO.
Hart Sand	8821'-8854'	40625

Proposed date of temporary abandonment	Original date abandoned	Length of time applied for (Not to exceed 2 yrs)
4/11/2017	Unknown	April 2018 (1 year from last fluid level date)

REASON FOR EXEMPTION FROM PLUGGING

Insufficient amount of CO/2 wells are being developed in patterns as CO/2 becomes available

METHOD OF TEMPORARY PLUGGING FOR THE PROTECTION OF THE TREATABLE WATER SANDS

1. BRIDGING PLUG	2. TUBING WITH PACKER	3. FLUID LEVEL TEST
Brand/Type	Brand/Type	Method: Echometer
Depth Set	Depth Set	Top of Fluid: 1004'
Top of Cement	Top of Cement	Type of Fluid: Water

DATE OF FLUID LEVEL SURVEY 3/05/2017 WITNESS BY OCC _____ FIELD INSPECTOR
SIGNATURE

I hereby certify that I am authorized to submit this application, which was prepared by me or under my supervision and direction. The facts and proposals made herein are true to the best of my knowledge and belief.

Katherine McClurkan
SIGNATURE

Katherine McClurkan, Regulatory Analyst
PRINT OR TYPE NAME AND TITLE

4/11/2017
DATE

Form 1003A
Rev. 2001

DISTRICT I
115 West 6th Street
Post Office Box 779
Bristow, OK 74010-0779
(918) 367-3396
OGBristowOffice@occemail.com

DISTRICT II
101 South 6th Street
Post Office Box 1107
Kingfisher, OK 73750-1107
(405) 375-5570
OGKingfisherOffice@occemail.com

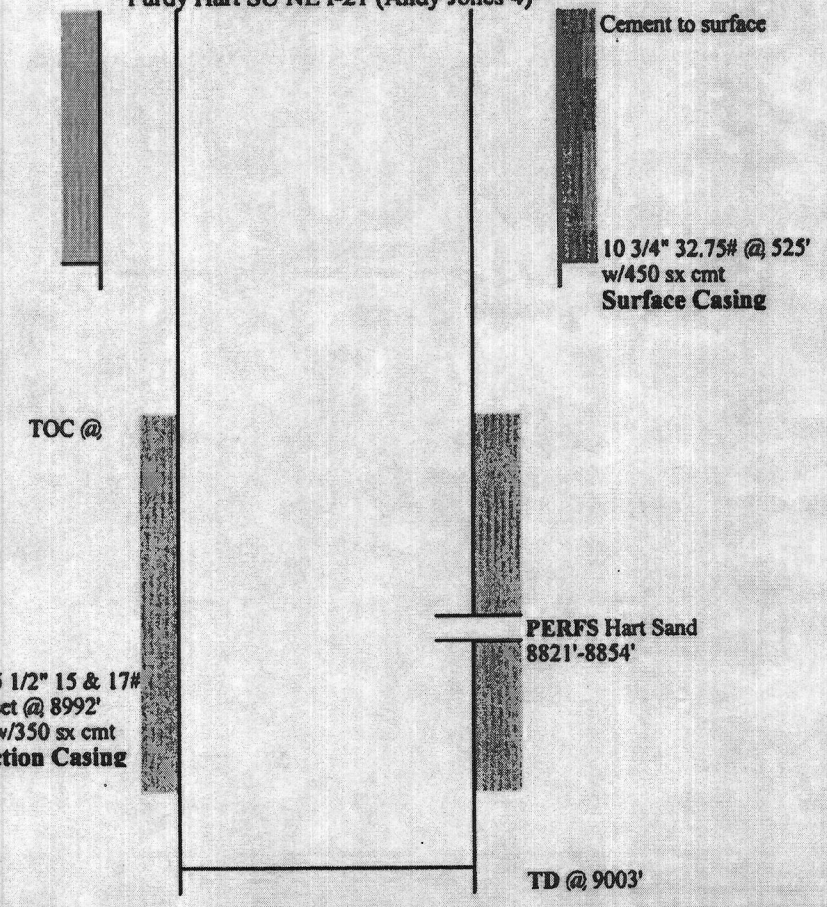
DISTRICT III
1020 Willow Street
Post Office Box 1525
Duncan, OK 73533
(580) 255-0103
OGDuncanOffice@occemail.com

DISTRICT IV
1400 Hoppe Blvd.
Suite D
Ada, OK 74820
(580) 332-3441
OGAdaOffice@occemail.com

Refer to Rule 165:10-11-9 for additional information concerning Temporary Exemption from Plugging of Wells.

BORE HOLE SCHEMATIC

Purdy Hart SU NE I-21 (Andy Jones 4)



FOR COMMISSION USE ONLY

☑ APPROVED — This exemption, if approved, shall be valid until 3-5-18

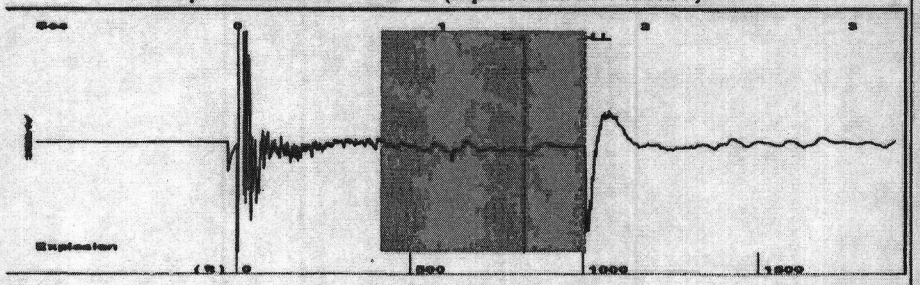
If approved, one copy will be returned to the operator stamped approved.

☐ DISAPPROVED — If disapproved, all materials will be returned to the operator with a note as to why the request was rejected.

DISTRICT MANAGER — DISTRICT III — DATE 4-17-17

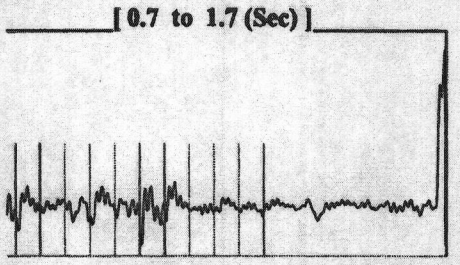
Dennis K. Mukem — TECHNICAL DEPARTMENT STAFF — 086 Specialist — TITLE — 4-24-2017 — DATE

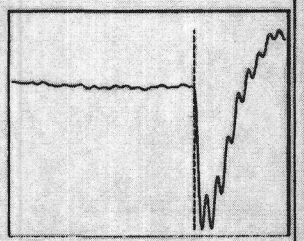
Group: NEPU TA Wells Well: I-21 (acquired on: 03/05/17 12:31:58)



ter Type High Pass Automatic Collar Count Yes Time 1.708 sec
anual Acoustic Veloc 1178.44 ft/s Manual JTS/sec 18.5874 Joints 31.6855 Jts
Depth 1004.43 ft

[0.7 to 1.7 (Sec)]

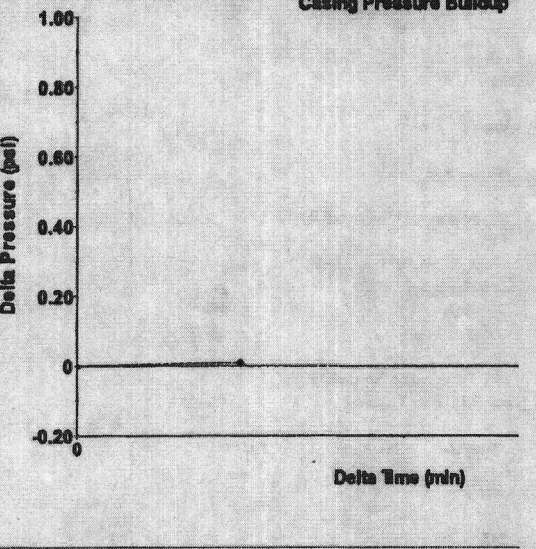




Analysis Method: Automatic

Group: NEPU TA Wells Well: I-21 (acquired on:

Casing Pressure Buildup



Change in Pressure 0.01 psi PTI
Ran
Change in Time 0.25 min

Group: NEPU TA Wells Well: I-21 (acquired on: 03/05/17 12:31:58)

roduction
Current Potential
Oil -*- -*- BBL/D
Water -*- -*- BBL/D
Gas -*- -*- Mscf/D

PR Method Vogel
BHP/SBHP -*-
roduction Efficiency 0.0

Oil 40 deg.API
Water 1.05 Sp.Gr.H2O
Gas 0.79 Sp.Gr.AIR

coustic Velocity 1176.15 ft/s

ormation Submergence
otal Gaseous Liquid Column HT (TVD) -*- ft
quivalent Gas Free Liquid HT (TVD) -*- ft

coustic Test

Casing Pressure
6.9 psi (g)
Casing Pressure Buildup
0.0 psi
0.25 min
Gas/Liquid Interface Pressure
-*- psi (g)

Liquid Level Depth
1004.43 ft

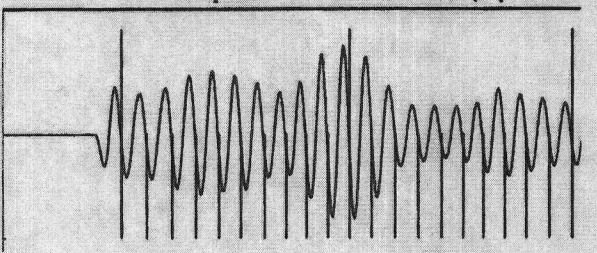
Tubing Intake Depth
-*- ft
Formation Depth
9000.00 ft

Producing

Annular
Gas Flow
-*- Mscf/D
% Liquid
100 %

Tubing Intake
-*- psi (g)
Producing BHP
-*- psi (g)
Static BHP
-*- psi (g)

Group: NEPU TA Wells Well: I-21 (acquired on:



Acoustic Velocity	1176.15	ft/s	Joints counted
Joints Per Second	18.5512	jts/sec	Joints to liquid l
Depth to liquid level	1004.43	ft	Filter Width
Automatic Collar Count	Yes		Time to 1st Coll

Group: NEPU TA Wells Well: I-21 (acquired on: 03/05/17 12:31:58)

Production

	Current	Potential	
)il	- * -	- * -	BBL/D
Vater	- * -	- * -	BBL/D
ias	- * -	- * -	Mscf/D

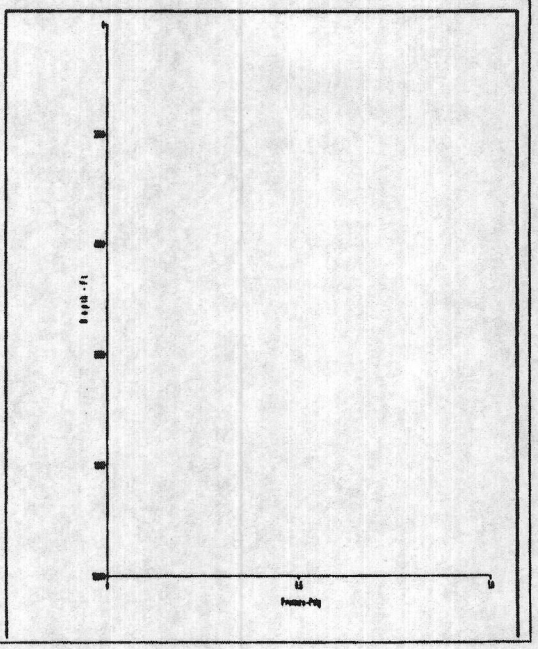
lased on SBHP psi (g)

PR Method Vogel

:alculation for Continous Removal of Liquids
Aethod:
Turner Critical Velocity for Gas Wells
'or Tubing ID: 2.441 in
'or Water: Mscf/D
'or Condensate: Mscf/D

lack Pressure on Formation
)ue To Liquid Loading: Mscf/D

'ubing ID	Gas Rate	Predicted Status
ı	Mscf/D	
.441		
.995		
.500		
.250		
.000		



)TAL WELL MANAGEMENT by ECHOMETER Company 04/06/17 13:58:36