

RIG/UNIT #: 356
TOUR: Day Shift

DAILY WORK RECORD

Ticket No: 4030702-SO1

DATE: 27-Apr-17, 11:00

Page: 1 of 1

COMPANY		
PDC ENERGY, INC	LOCATION: WELLS RANCH 13-33 (CO, Station: Lasalle)	PO:
ATTENTION: ACCOUNTS PAYABLE		AFE:
BRIDGEPORT, West Virginia, USA 26330		

CHARGES & EXPENDABLES			
NAME	QTY	UNIT PRICE	EXT. PRICE
Rig Hours	7.00	406.50	2,845.50
Rig Up	2.00	290.00	580.00
Crew Travel	2.00	220.00	440.00
Labor - Floor	11.00	55.00	605.00
Bird Bath Rental	1.00	35.00	35.00
Tubing Wiper Rubber	1.00	48.00	48.00
Thread Dope	1.00	40.00	40.00
CHARGES & EXPENDABLES SUB-TOTAL			4,593.50
FIELD ESTIMATE (TAX NOT INCLUDED)			\$ 4,593.50

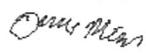
ROD & TUBING DETAILS					
ROD DETAILS					
PULLED	SIZE:	PLAIN:	SCRAPERS:	PONYS:	
RAN	SIZE:	PLAIN:	SCRAPERS:	PONYS:	
NOTES:					
TUBING DETAILS					
PULLED	SIZE:	JOINTS:	TALLY:		
RAN	SIZE:	JOINTS:	TALLY:		
LANDED AT:			NIPPLE AT:		
NOTES:					
PUMP DETAILS					
SIZE:		TYPE:		SERIAL #:	

CUSTOMER STAMP

PRESSURE TESTS						
FUNCTION BOP	TIME TO OPERATE (s)	LOW (psi)	TIME (min)	HIGH (psi)	TIME (min)	TEST DATE & TIME
INITIAL ACCUM. PRESSURE:		FINAL ACCUM. PRESSURE:		RECHARGE TIME:		
DAILY WALK AROUND: Not run		RAM SAVER: NO		EMERGENCY HORN TEST: Not run		
LEL TEST: Not run		CROWN SAVER: Not run		EMERGENCY ENGINE KILLS: Not run		
DETAILED INSPECTION DATE:				SCBA DRILL DATE:		
MAN DOWN DRILL DATE:				RIG RESCUE DRILL DATE:		
BOP DRILL DATE:				BOP DRILL DURATION:		
IADC DETAILED INSPECTION DATE:						
WEATHER: Cloudy		WIND: Light		TEMP: 0 °F		H2S (%): 0.0

DETAILS OF OPERATIONS				
FROM	TO	DURATION (hrs)	ACTIVITY	DETAILS
27-Apr-17, 11:00	27-Apr-17, 22:00	11.00	Rig - Pick Up/Lay Down Tubular	ROAD RIG TO LOC. SAFETY METING .REMOVED FENCE .SPOTTED EQUIP RIG UP .R/U PUMP TANK .TEST BOP .CHECKED PRESS .450/450 0 SURF CNG .BLEED OFF PRESS .CIRCU WELL CLEAN .N/D WELL TREE MASTER VALVE AND 3K TOP FLANGE .N/U BOP .R/U WFLOOR TBG EQUIP .TOOH L/D W/209 JTS S/N N/C 2 10' AND 1 4' SUBS .R/U WIRE LINE .TIH W/GAUGE RING .TOOH .TIH WITH A CIBP .SET BP AT 6485 FT. TOOH .P/U BAILER .TIH SPOTTED 2 SXS OF CEMENT ON TOP OF BP.TOOH .R/D WIRE LINE .SHUT WELL .DRAIN PUMP LINES .CLEAN LOC.CREW TRAVEL HOME.
TOTAL TIME: 11.00 hours				

CREW DETAILS									
ROLE	NAME	START TIME	DURATION (hrs)	TRAVEL TIME (hrs)	PERS. VEH.	TRAVEL DIST (mi)	SUB.	DIST FROM RES (mi)	INJURY FREE
Floorhand	Chris Buckridge	27-Apr-17, 11:00	11.00	0.00	No	0.00		0.00	Yes
Floorhand	German Melendez	27-Apr-17, 11:00	11.00	0.00	No	0.00		0.00	Yes
Operator	Matthew McGraw	27-Apr-17, 11:00	11.00	0.00	No	0.00		0.00	Yes
Service Rig Manager	Omar Munoz	27-Apr-17, 11:00	11.00	0.00	No	0.00		0.00	Yes
Derrickhand	Oscar Arce	27-Apr-17, 11:00	11.00	0.00	No	0.00		0.00	Yes
Relief Operator	Otoniel Rodriguez Olivas	27-Apr-17, 11:00	11.00	0.00	No	0.00		0.00	Yes

SIGNATURES	
RIG MANAGER/SUPERVISOR'S SIGNATURE: 	The customer agrees that the contractor ("Ensign") will perform the work and supply the materials ("the work") as described within and in accordance with the conditions set out in the IADC contract and in accordance with all exhibits, specifications, schedules and/or parts (if any) attached hereto.
	OPERATOR'S REP. SIGNATURE:  BUD HOLMAN 970-301 3897

RIG/UNIT #: 356
TOUR: Day Shift

DAILY WORK RECORD

Ticket No: 4030702-SO2

DATE: 28-Apr-17, 06:00

Page: 1 of 1

COMPANY		
PDC ENERGY, INC	LOCATION: WELLS RANCH 13-33 (CO, Station: Lasalle)	PO:
ATTENTION: ACCOUNTS PAYABLE		AFE:
BRIDGEPORT, West Virginia, USA 26330		

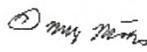
CHARGES & EXPENDABLES			
NAME	QTY	UNIT PRICE	EXT. PRICE
Rig Hours	6.00	406.50	2,439.00
Rig Up	2.00	290.00	580.00
Crew Travel		220.00	440.00
Labor - Floor	10.00	55.00	550.00
Bird Bath Rental	1.00	35.00	35.00
Washington Circulating Head	1.00	120.00	120.00
Tubing Wiper Rubber	1.00	48.00	48.00
Thread Dope	1.00	40.00	40.00
CHARGES & EXPENDABLES SUB-TOTAL			4,252.00
FIELD ESTIMATE (TAX NOT INCLUDED)			\$ 4,252.00
CUSTOMER STAMP			

ROD & TUBING DETAILS			
ROD DETAILS			
PULLED	SIZE:	PLAIN:	SCRAPERS: PONYS:
RAN	SIZE:	PLAIN:	SCRAPERS: PONYS:
NOTES:			
TUBING DETAILS			
PULLED	SIZE:	JOINTS:	TALLY:
RAN	SIZE:	JOINTS:	TALLY:
LANDED AT:		NIPPLE AT:	
NOTES:			
PUMP DETAILS			
SIZE:	TYPE:	SERIAL #:	

PRESSURE TESTS						
FUNCTION BOP	TIME TO OPERATE (s)	LOW (psi)	TIME (min)	HIGH (psi)	TIME (min)	TEST DATE & TIME
INITIAL ACCUM. PRESSURE:		FINAL ACCUM. PRESSURE:		RECHARGE TIME:		
DAILY WALK AROUND: Not run		RAM SAVER: NO		EMERGENCY HORN TEST: Not run		
LEL TEST: Not run		CROWN SAVER: Not run		EMERGENCY ENGINE KILLS: Not run		
DETAILED INSPECTION DATE:				SCBA DRILL DATE:		
MAN DOWN DRILL DATE:				RIG RESCUE DRILL DATE:		
BOP DRILL DATE:				BOP DRILL DURATION:		
IADC DETAILED INSPECTION DATE:						
WEATHER: Partly Cloudy		WIND: Light		TEMP: 0 °F		H2S (%): 0.0

DETAILS OF OPERATIONS				
FROM	TO	DURATION (hrs)	ACTIVITY	DETAILS
28-Apr-17, 06:00	28-Apr-17, 16:00	10.00	Logistics - Rig Move Road Rig	CREW TRAVEL TO LOC .SAFETY METYNG . CHECKED PRESS 0/CNG .PRESS TEST BP AT 1000 PSI .TEST OK .BLEED OFF PRESS .TIH W/25 JTS S/N MULE SHOE .R/U WASHI CIRCU HEAD .CIRCU WELL FOR 1 HR .R/U CEMENTERS MIX AND PUMP DOWN TBG 65 SXS OF CEMENT .R/D CEMENTERS .L/D 25 JTS S/N MULE SHOE .R/D WASHI CIRCU HEAD .R/D W/FLOOR TBG EQUIP .N/D BOP AND WELL HEAD .N/U 4 1/2 COLLAR X OVER AND VALVE ON CNG .RIG DOWN .RACKED PUMP AND TANK .PUT FENCE BACK .CLEAN LOC .ROAD RIG TO NEXT LOC .SAFETY METING .REMOVED FENCE .SPOTTED EQUIP .RIG UP .R/U PUMP TANK .CLEAN LOC .CREW TRAVEL HOME.
TOTAL TIME: 10.00 hours				

CREW DETAILS									
ROLE	NAME	START TIME	DURATION (hrs)	TRAVEL TIME (hrs)	PERS. VEH.	TRAVEL DIST (mi)	SUB.	DIST FROM RES (mi)	INJURY FREE
Service Rig Manager	Omar Munoz	28-Apr-17, 06:00	10.00	0.00	No	0.00		0.00	Yes
Derrickhand	Oscar Arce	28-Apr-17, 06:00	10.00	0.00	No	0.00		0.00	Yes
Operator	Matthew McGraw	28-Apr-17, 06:00	10.00	0.00	No	0.00		0.00	Yes
Relief Operator	Otoniel Rodriguez Olivas	28-Apr-17, 06:00	10.00	0.00	No	0.00		0.00	Yes
Floorhand	Chris Buckridge	28-Apr-17, 06:00	10.00	0.00	No	0.00		0.00	Yes
Floorhand	German Melendez	28-Apr-17, 06:00	10.00	0.00	No	0.00		0.00	Yes

SIGNATURES	
RIG MANAGER/SUPERVISOR'S SIGNATURE: 	The customer agrees that the contractor ("Ensign") will perform the work and supply the materials ("the work") as described within and in accordance with the conditions set out in the IADC contract and in accordance with all exhibits, specifications, schedules and/or parts (if any) attached hereto. OPERATOR'S REP. SIGNATURE:  BUD HOLMAN 970-301 3897

RANGER ENERGY SERVICES, LLC

WIRELINING DIVISION

3333 Center Dr
Milliken, Colorado



Service Date:

Company Name: PDC		Company Address:			Field Ticket Number: 30001679	
Well Name: WELLS RANCH 13-33		Field: WATTENBERG	County: WELD	State: COLORADO	Rig Name & Number: Ensign 356	
SERVICE NOTES: JCGR to 6500' / WCT CIBP set 6485' with 2 sx cement				Date: 4/27/2017	Wireline Unit # 222	
					Engineer: J. JOHNSON	
					Operator: S. CARPENTER	
					Operator:	

RUN	CODE	DESCRIPTIONS	QTY	UNIT PRICE	DISCOUNT	AMOUNT
1	1000-001	Set Up Charge Cased Hole Unit	1	\$ 1,500.00		\$ 1,500.00
	3000-001	Packoff Operation Charge 0#-1000#	1	\$ 900.00		\$ 900.00
	2000-003	API Type 6BX, 5,000 lb. WP 13-3/8" and smaller	1	\$ 205.00		\$ 205.00
2	8000-009	Junk Catcher / Gauge Ring Depth Charge	6500	\$ 0.30		\$ 1,950.00
	8000-010	Junk Catcher / Gauge Ring Operation Charge	1	\$ 500.00		\$ 500.00
3	8000-001	Bridge Plug Depth Charge	6485	\$ 0.30		\$ 1,945.50
	8000-002	Bridge Plug Operation Charge	1	\$ 500.00		\$ 500.00
	8000-015	Setting Tool Rental, per tool	1	\$ 1,200.00		\$ 1,200.00
	7000-006	Dump Bailer Depth Charge	6485	\$ 0.30		\$ 1,945.50
	7000-007	Dump Bailer Operation Charge	1	\$ 500.00		\$ 500.00
4						
5						
6						
7						
8	8000-014	Standard Set Power Charge	1	\$ 250.00		\$ 250.00

SUB TOTAL	\$	11,396.00
Bulk Discount	\$	8,319.08
TAX	\$	-
TOTAL	\$	3,076.92

AFE #: PA000568

Customer Signature: *[Signature]* 4-27-17

Customer Name Printed: _____

Ranger Energy Services Representative Signature: _____

The above estimated charges and data shown are subject to change by Ranger Energy Services, LLC. Payment terms are net 30 Days.



Job Summary

Ticket Number

TN#

FL1707

Ticket Date

4/28/2017

COUNTY

COMPANY

API Number

Weld

PDC Energy, Inc.

05-123-22231

WELL NAME

RIG

JOB TYPE

Wells Ranch 13-33

Ensign 356

Balanced Plug

SURFACE WELL LOCATION

O-TEX Field Supervisor

CUSTOMER REP

NWSW 33 6N 63W

Doran, Ben

Bud Holman

EMPLOYEES

Vieaux, Jon

Scott, Derek

WELL PROFILE

Max Treating Pressure (psi):

Bottom Hole Static Temperature (°F):

0

Bottom Hole Circulating Temperature (°F):

Well Type:

Oil

Open Hole

1	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
2	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)

Casing/Tubing/Drill Pipe

Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Tubing	2.375	4.7	J-55	0	816		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Production	4.5	10.5	P-110	0	816		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)

CEMENT DATA

Stage 1: From Depth (ft): To Depth (ft):
 Type: **Balanced Plug**
 Volume (sacks): Volume (bbls):

Cement & Additives:

Density (ppg)

Yield (ft³/sk)

Water Req.

100% Class G

15.8

1.15

5.00

SUMMARY

Preflushes: <input type="text" value="10"/> bbls of <input type="text" value="Fresh Water"/>	Calculated Displacement (bbl): <input type="text"/>	Stage 1	Stage 2
<input type="text"/> bbls of <input type="text"/>	Actual Displacement (bbl): <input type="text"/>		
<input type="text"/> bbls of <input type="text"/>			
Total Preflush/Spacer Volume (bbl): <input type="text" value="10"/>	Plug Bump (Y/N): <input type="text"/>	Bump Pressure (psi): <input type="text"/>	
Total Slurry Volume (bbl): <input type="text" value="14"/>	Lost Returns (Y/N): <input type="text"/>	(if Y, when) <input type="text"/>	
Total Fluid Pumped <input type="text" value="24"/>			
Returns to Surface: <input type="text"/>			

Job Notes (fluids pumped / procedures / tools / etc.):

Thank You For Using

O - TEX Pumping

Customer Representative Signature: _____



CEMENTING JOB LOG

Project Number	FL1707	Job Date	4/28/2017
State	CO	County	Weld
Customer Representative	Bud Holman	Phone	970-301-3897
API Number	05-123-22231		

O-Tex Location	Brighton, Colorado 303-857-7948	Customer	PDC Energy, Inc.
Lease Name	Wells Ranch 13-33	O-Tex Field Supervisor	Doran, Ben
Well No.		Man Hours	6
Job Type	Balanced Plug		

USE THIS FORM TO NOTE ANY ISSUES ENCOUNTERED WITH THE PERFORMANCE OF THIS JOB.
THIS MAY INCLUDE TIME AT THE SHOP, ON THE ROAD OR DELAYS WITH DRILLING CONTRACTOR.

DATE	TIME	VOLUME	RATE	PRESS		JOB PROCEDURES
				CSG	Tbg.	
4/28/2017	8:00					Arrive on location
4/28/2017	8:10					Check in with Company Rep/Tailgate Meeting
4/28/2017	8:15					Spot Trucks/Rig In
4/28/2017	8:30					PJSM
4/28/2017	8:57	1	bbl	1.00	20	Fill lines
4/28/2017	8:58				1500	Pressure Test
4/28/2017	9:00	10	bbl	1.50	60	Establish Circulation
4/28/2017	9:09	14	bbl	1.50	50	68SX@15.8PPG,1.15Yield,4.98 WR,94 SW
4/28/2017	9:20					Stop Wait on rig to nipple down
4/28/2017	9:45					Top Off not needed cement right at surface
4/28/2017	9:45	5	bbl			Wash
4/28/2017	9:55					Rig Out
4/28/2017	10:05					Job Complete
4/28/2017	10:15					Leave Location

JOB CALCULATIONS

EOT @ 816'

CASING DATA

4.5" 10.5 #

ANNULAR DATA

PLEASE NOTE ANY CONTRACTOR ISSUES OR COMMENTS BELOW



EQUIPMENT SHEET

Date: 4/28/2017

Job Site Leader: Doran, Ben

Max Pressure: _____ PSI

Company - Lease - Well #: PDC Energy, Inc.
Wells Ranch 13-33

Ticket #: FL1707

Employee Name <i>*** Please Print ***</i>	Employee Number	Unit Number	Trailer Number	Location	Company Name
--	-----------------	-------------	----------------	----------	--------------

1	Doran, Ben		201017 1 Ton		
2					
3	Vieaux, Jon		745052	445052	
4					
5	Scott,Derek		746114	446114	
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Job Safety Leader: _____

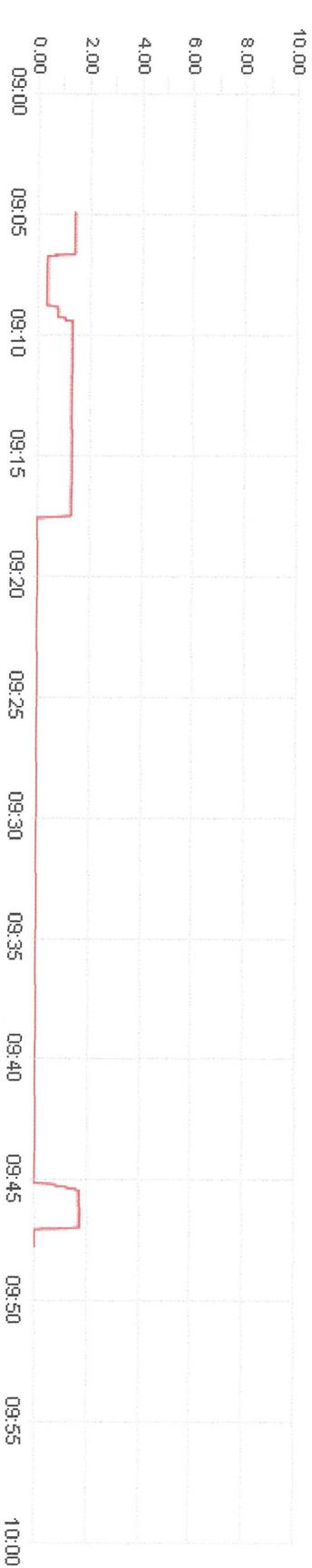
Report all Minor Injuries, Accidents, Vehicle Accidents or Environmental Spills Immediately.



Client PDC
Ticket No. 1707
Location SW SW Sec33:T6N:R63W
Comments
Client Rep Bud Holman
Well Name Wells Ranch 13-33
Job Type Abandonment Plugs
Supervisor Ben Doran
Unit No. 445052
Service District Brighton
Job Date 04/28/2017

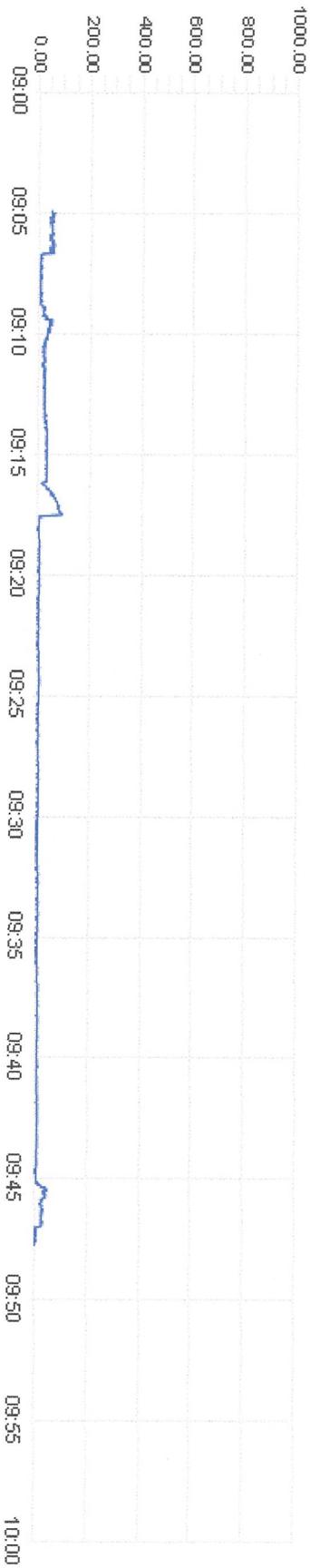
Unit 445052 Rate Total

(bpm)



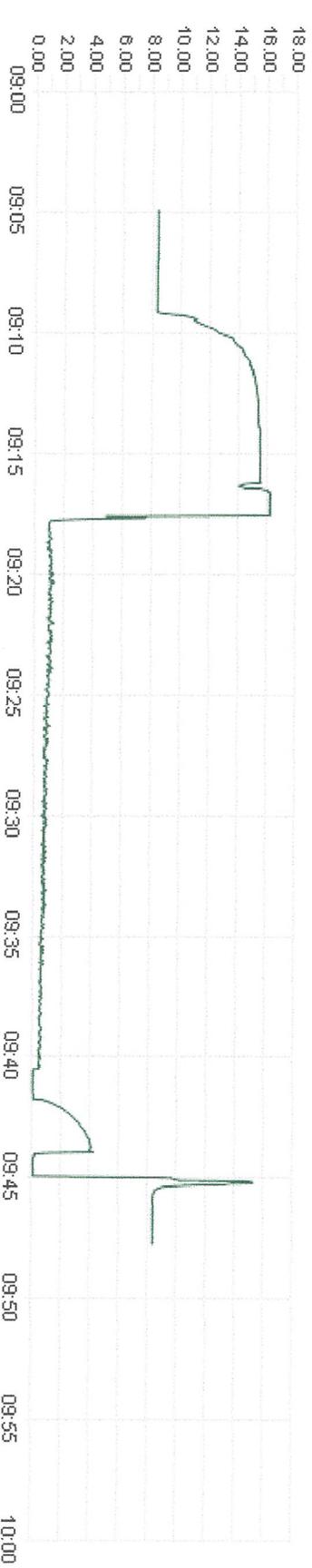
Unit 445052 Pump Pressure

(psi)



Unit 445052 Density

(lb/gal)





SERVICE ORDER CONTRACT

Customer: **PDC Energy, Inc.**

Ticket Number: **FL1707**

Lease & Well Number: **Wells Ranch 13-33**

Date: **4/28/2017**

As consideration, The Above Named customer Agrees:

O-TEX Pumping L.L.C. shall not be responsible for and customer shall secure O-Tex pumping against any liability for damage to property of customer and of the well owner (if different from customer), unless caused by the willful misconduct or gross negligence of O-Tex pumping, this provision applying to but not limited to subsurface damage and surface damage arising from subsurface damage.

O-Tex makes no guarantee to the effectiveness of the products, supplies, or materials, nor of the results of any treatment or services. Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, except where due to O-Tex gross negligence or willful misconduct in the preparation or furnishing it.

O-Tex personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others except where due to O-Tex gross negligence or willful misconduct in the preparation or furnishing it.

Invoices payable NET 30 days following the date on the invoice.

Upon customers default in payment of the customers account by the last day of the month following the month in which the invoice is dated. Customer agrees to pay interest thereon after at the highest lawful contract rate applicable but never to exceed 18% per annum in the event it becomes necessary to employ an attorney to enforce collection of said account. Customer agrees to pay all collection costs and attorney fees in the amount of 25% of the unpaid account.

Service order: I authorize work to begin per service instructions in accordance with terms and conditions printed on this form and represent that I have authority to accept and sign this order.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMERS AGENT.

Customer Authorized Agent: _____

