

State of Colorado Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 (303) 894-2100 Fax: (303) 894-2109



FOR OGCC USE ONLY

MECHANICAL INTEGRITY TEST

Fill out Part II of this form if well tested is a permitted or pending injection well. Send original plus one copy.

1. Duration of the pressure test must be a minimum of 15 minutes.
2. A pressure chart must accompany this report if this test was not witnessed by a OGCC representative.
3. For production wells, test pressures must be at a minimum of 300 psig.
4. For injection wells, test pressures must be at 300 psig or minimum injection pressure, whichever is greater.
5. A minimum 300 psi differential pressure must be maintained between the tubing and tubing/casing annulus pressure.
6. Do not use this form if submitting under provisions of Rule 326.a. (1) B. or C.
7. OGCC notification must be provided prior to the test.
8. Packers or bridge plugs, etc., must be set within 250 feet of the perforated interval to be considered a valid test.

OGCC Operator Number: 69175

Name of Operator: PDC Energy Inc.

Address: 3801 Carson Ave.

City: Evans State: CO Zip: 80620

Contact Name and Telephone

Travis Yenne

No: 970-506-9272

Fax: 970-506-9276

API Number: 25-123-20066 Field Name: WATTENBURG Field Number:

Well Name: STATE 6525 Number: 13-32

Location (Qtr, Sec, Twp, Rng, Meridian): NWSW 32-EN-63W

Complete the Attachment Checklist

	OGCC	OGCC
Pressure Chart		
Cement Bond Log		
Tracer Survey		
Temperature Survey		

☒ SHUT-IN PRODUCTION WELL

☐ INJECTION WELL

Facility No.: _____

Part I Pressure Test

☐ 5-Year UIC Test

☒ Test to Maintain SI/TA Status

☐ Reset Packer

☐ Verification of Repairs

☐ Tubing/Packer Leak

☐ Casing Leak

☐ Other (Describe) _____

Describe Repairs: _____

NA - Not Applicable

Wellbore Data at Time Test

Injection/Producing Zone(s)

CODELL

Perforated Interval:

☐ NA

Open Hole Interval:

☒ NA

6758' - 6766'

Casing Test

☐ NA

Use when perforations or open hole is isolated by bridge plug or cement plug
Bridge Plug or Cement Plug Depth

Tubing Casing/Annulus Test

☐ NA

Tubing Size:

2 3/8"

Tubing Depth:

6670'

Top Packer Depth:

6703'

Multiple Packers?

☐ YES

☒ NO

Test Data

Test Date

1/27/16

Well Status During Test

SI

Date of Last Approved MIT

Casing Pressure Before Test

534

Initial Tubing Pressure

534

Final Tubing Pressure

+15

Starting Casing Test Pressure

519

Casing Pressure - 5 Min.

533

Casing Pressure - 10 Min.

534

Final Casing Test Pressure

534

Pressure Loss or Gain During Test

+15

Test Witnessed by State Representative?

☐ YES

☒ NO

OGCC Field Representative:

BILL RAINES

Part II Wellbore Channel Test

Complete only if well is or will be an injection well.

Indicate method used for cement integrity test, attach appropriate records, charts, or logs unless previously submitted.

☐ Tracer Survey

☐ CBL or Equivalent

☐ Temperature Survey

Run Date: _____

Run Date: _____

Run Date: _____

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.

Print Name: RYAN BEAM

Signed: [Signature]

Title: Rig Supervisor

Date: 1/27/16

OGCC Approval: _____

Title: _____

Date: _____

Conditions of Approval, if any:

Pick Testers
Sterling,CO 80751

Shawn Fiscus
970-520-5697

PDC Energy
 API # 05-123-20066

Ryan Beam
 State 13-32

NW SW Sec 32 6N 63W

MIT

Interval:

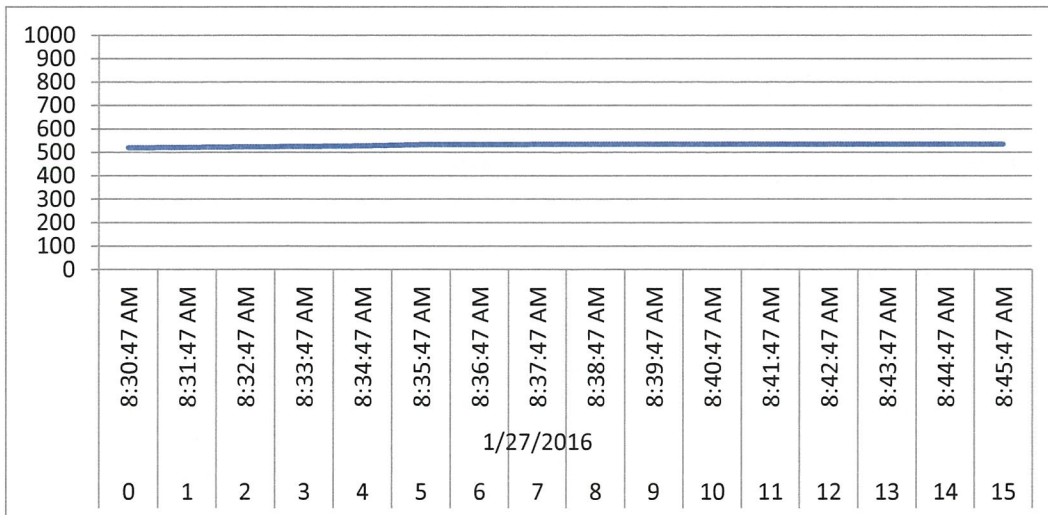
60 Seconds

DataPoint LogDate

LogTime

3-P PSI

0		8:30:47 AM	519
1		8:31:47 AM	521
2		8:32:47 AM	523
3		8:33:47 AM	525
4		8:34:47 AM	528
5		8:35:47 AM	533
6		8:36:47 AM	533
7	1/27/2016	8:37:47 AM	534
8		8:38:47 AM	534
9		8:39:47 AM	534
10		8:40:47 AM	534
11		8:41:47 AM	534
12		8:42:47 AM	534
13		8:43:47 AM	534
14		8:44:47 AM	534
15		8:45:47 AM	534





Daily Completion Operations

Date: 1/27/2016
Report #: 3.0

Well Name: State 6525 13-32

Well Name State 6525 13-32	Operator PDC Energy Inc.	API 05123200660000	Well Number 105.001011	Last Mod By rabeam
District Evans	Field Name Wattenberg	County Weld	State CO	
Well Type Development	Surface Legal Location NWSW 32 6N 63W	Spud Date 2/19/2001	Original KB Elevation (ft) 4,679.00	Ground Elevation (ft) 4,669.00
				KB-Ground Distance (ft) 10.00

Daily Operation: 1/27/2016 06:00 - 1/27/2016 17:30

AFE Number	Job Category Completion/Workover	Objective MIT	Start Date 1/25/2016	End Date 1/27/2016	Primary Job Type Mechanical Integrity Test	Secondary Job Type
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Rigs

Contractor Ensign	Rig Number 316
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Daily Operations

Report Start Date 1/27/2016	Report End Date 1/27/2016	Daily Field Est Total (Cost) 7,640.24	Cum Field Est To Date (Cost) 20,121.99
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Status at Reporting Time

Operations Summary

CREW TO LOCATION

WELL WAS DEAD THIS AM, OPENED WELL TO FLAT TANK. P/U RIH OFF GROUND 5 TAG JTS. R/D PICK TESTING. PRESSURED UP CSG TO 500 PSI AND HELD FOR 15 MIN FOR MIT TEST. STARTING PRESSURE- 519 PSI, 5 MIN- 533 PSI, 10 MIN- 534 PSI, FINAL PRESSURE - 534 PSI. GAINED 15 PSI. GOOD TEST. TEST WAS NOT WITNESSED BY STATE INSPECTOR. RELEASED PRESSURE AND R/D PICK TESTING. P/U RIH 1 JT TBG AND RELEASED RBP. TOOH S/B IN DERRICK 206 JTS TBG. L/D RBP AND RETRIEVING HEAD. P/U SN/NC AND TIH OUT OF DERRICK 206 JTS TBG. R/U LUBRICATOR AND MADE 1.910" BROACH RUN TO SN. R/D LUBRICATOR. P/U RIH (1) 6' PUP JT TBG. N/D BOPS AND LANDED WELL AS FOLLOWS:

KB- 10'

(1) 2 3/8" PUP JOINT- 6'

206 JTS 2 3/8" 4.70# J-55 8 RD TBG- 6725.46'

2 3/8" SN/NC - 1.60'

TOTAL LANDED DEPTH = 6743.06' KB (15' ABOVE TOP CODELL PERF). N/U TOP WELL HEAD FLANGE AND MASTER VALVE. R/U LUBRICATOR AND SWABBING TOOLS. MADE 8 SWAB RUNS AND SWABBED FLUID LEVEL FROM SURFACE TO 2600'. RECOVERED 35 BBLS FLUID. R/D LUBRICATOR AND SWI, RDMO, RWTP.

Operations Next Report Period

RDMO, RWTP.

Weather	Temperature (*F)	Hole Condition	Road Condition
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Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code	Code Des	Com
06:00	07:00	1.00	1.00	TRAV	Travel - To Location	MIT TEST AND RELEASED PLUG
07:00	09:00	2.00	3.00	ROTH	Other Rig Work	
09:00	13:00	4.00	7.00	RTRIP	Tripping	
13:00	14:00	1.00	8.00	BOPR	Remove BOP's	
14:00	15:30	1.50	9.50	SWAB	Swab Well Down	
15:30	16:30	1.00	10.50	SRIG	Rig Up/Down	
16:30	17:30	1.00	11.50	TRAV	Travel - From Location	



Daily Completion Operations

Date: 1/26/2016

Report #: 2.0

Well Name: State 6525 13-32

Well Name State 6525 13-32	Operator PDC Energy Inc.	API 05123200660000	Well Number 105.001011	Last Mod By RABeam
District Evans	Field Name Wattenberg	County Weld	State CO	
Well Type Development	Surface Legal Location NWSW 32 6N 63W	Spud Date 2/19/2001	Original KB Elevation (ft) 4,679.00	Ground Elevation (ft) 4,669.00
				KB-Ground Distance (ft) 10.00

Daily Operation: 1/26/2016 06:00 - 1/26/2016 14:00

AFE Number	Job Category Completion/Workover	Objective MIT	Start Date 1/25/2016	End Date 1/27/2016	Primary Job Type Mechanical Integrity Test	Secondary Job Type
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Rigs

Contractor Ensign	Rig Number 316
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Daily Operations

Report Start Date 1/26/2016	Report End Date 1/26/2016	Daily Field Est Total (Cost) 4,398.50	Cum Field Est To Date (Cost) 12,481.75
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Status at Reporting Time

Operations Summary

CREW TO LOCATION

IWP TBG- BLOW, CSG- 50 PSI, SURFACE CSG- 0 PSI. OPENED WELL TO FLAT TANK AND CONTROLLED WELL W/ FRESH W/ BIOCID. TOOH S/B IN DERRICK A TOTAL OF 206 JTS TBG. L/D BIT AND SCRAPER. P/U 4 1/2" RETRIEVABLE BRIDGE PLUG AND RETRIEVING HEAD. TIH OUT OF DERRICK 206 JTS TBG AND SET RBP W/ 206 JTS 5' IN @ 6703' KB (54' ABOVE TOP CODELL PERFS). J OFF RBP. R/U RIG PUMP, LOADED TBG AND BACKSIDE, ESTABLISHED CIRCULATION AND ROLLED HOLE CLEAN. PRESSURE TESTED CSG TO 500 PSI AND HELD FOR 15 MIN. GOOD TEST. RELEASED PRESSURE AND POOH L/D 5 JTS TBG TO DROP FLUID LEVEL FOR THE NIGHT. SWI, SDFD, CREW TO THE YARD.

Operations Next Report Period

MIT TEST AND RWTP

Weather	Temperature (°F)	Hole Condition	Road Condition
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Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code	Code Des	Com
06:00	07:00	1.00	1.00	TRAV	Travel - To Location	
07:00	11:00	4.00	5.00	RTRIP	Tripping	
11:00	12:00	1.00	6.00	ROTH	Other Rig Work	SET RBP AND ROLL HOLE CLEAN
12:00	13:00	1.00	7.00	WTST	Well Test	
13:00	14:00	1.00	8.00	TRAV	Travel - From Location	



Daily Completion Operations

Date: 1/25/2016

Report #: 1.0

Well Name: State 6525 13-32

Well Name State 6525 13-32	Operator PDC Energy Inc.	API 05123200660000	Well Number 105.001011	Last Mod By RABeam
District Evans	Field Name Wattenberg	County Weld	State CO	
Well Type Development	Surface Legal Location NWSW 32 6N 63W	Spud Date 2/19/2001	Original KB Elevation (ft) 4,679.00	Ground Elevation (ft) 4,669.00
				KB-Ground Distance (ft) 10.00

Daily Operation: 1/25/2016 06:00 - 1/25/2016 17:30

AFE Number	Job Category Completion/Workover	Objective MIT	Start Date 1/25/2016	End Date 1/27/2016	Primary Job Type Mechanical Integrity Test	Secondary Job Type
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Rigs

Contractor Ensign	Rig Number 316
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Daily Operations

Report Start Date 1/25/2016	Report End Date 1/25/2016	Daily Field Est Total (Cost) 8,083.25	Cum Field Est To Date (Cost) 8,083.25
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Status at Reporting Time

Operations Summary

MIRU ENSIGN RIG #316

IWP TBG-800 PSI, CSG- 850 PSI, SURFACE CSG- 0 PSI. HELD SAFETY MEETING AND FUNCTION TESTED BOPS. OPENED WELL TO FLAT TANK AND CONTROLLED W/ FRESH W/ BIOCID. N/D WELL HEAD TREE AND N/U BOPS. P/U RIH 6 TAG JTS TBG AND DID NOT TAG @ 180' BELOW EOT @ 6929' LEAVING 163' + RAT HOLE. NO C/O NECESSARY. POOH L/D TAG JTS AND TALLY OUT TO DERRICK 206 JTS 2 3/8" TBG. TBG WAS LANDED @ 6749' KB. L/D SN/NC AND P/U 3 7/8" BLADE BIT AND CSG SCRAPER. TIH OUT OF DERRICK 206 JTS TBG. R/U LUBRICATOR AND MADE 1.910" BROACH RUN TO SN. DROPPED STANDING VALVE AND PRESSURE TESTED TBG TO 3000 PSI FOR 15 MIN. TEST GOOD. FISHED BROACH. TOOH S/B IN DERRICK 30 JTS TBG. LEFT HANG FOR THE NIGHT ABOVE THE PERFS. SWI, SDFD, CREW TO THE YARD.

Operations Next Report Period

SET RBP ABOVE PERFS, PRESSURE TEST CSG.

Weather	Temperature (*F)	Hole Condition	Road Condition
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Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code	Code Des	Com
06:00	07:00	1.00	1.00	TRAV	Travel - To Location	
07:00	09:00	2.00	3.00	RMOV	Rig Move	
09:00	10:00	1.00	4.00	SRIG	Rig Up/Down	
10:00	11:00	1.00	5.00	WKLL	Kill Well	
11:00	12:00	1.00	6.00	BOPI	Install BOP's	
12:00	16:30	4.50	10.50	RTRIP	Tripping	
16:30	17:30	1.00	11.50	TRAV	Travel - From Location	



ENSIGN WELL SERVICES

24020 Weld County Road 46, LaSalle, Colorado 80645

Telephone (970) 284-6006



RIG/UNIT #: 316
TOUR: Day Shift

DAILY WORK RECORD

Ticket No: 3720121-SO3

DATE: 27-Jan-16, 06:00

Page: 1 of 1

COMPANY		
PDC ENERGY, INC	LOCATION: STATE 6525 13-32 (CO, Station: Lasalle)	PO:
ATTENTION: ACCOUNTS PAYABLE		AFE:
BRIDGEPORT, West Virginia, USA 26330		

CHARGES & EXPENDABLES			
NAME	QTY	UNIT PRICE	EXT. PRICE
Rig Hours	6.50	406.50	2,642.25
Rig Up	3.00	290.00	870.00
Crew Travel	1.00	220.00	220.00
Labor - Floor	9.50	55.00	522.50
Tubing Broach	1.00	75.00	75.00
Bird Bath Rental	1.00	35.00	35.00
Oil Saver Rubber	2.00	18.00	36.00
Tubing Wiper Rubber	1.00	48.00	48.00
Thread Dope	1.00	40.00	40.00
CHARGES & EXPENDABLES SUB-TOTAL			4,488.75
FIELD ESTIMATE (TAX NOT INCLUDED)			\$ 4,488.75
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:		WIND:		TEMP: 0 °F		H2S (%): 0.0									

DETAILS OF OPERATIONS				
FROM	TO	DURATION (hrs)	ACTIVITY	DETAILS
27-Jan-16, 06:00	27-Jan-16, 17:30	11.50	Well Services	HAD ENSIGN MEETING WITH WHOLE CREW 1 HR CREW TRAVEL TO LOC HELD SAFETY MEETING CHECK PRESS BLOW/BLOW TIH WITH 6 JTS MIRU HYDRO-TESTER PRESS UP TO 500 MONITORED WELL FOR 15 MIN RELEASED PRESS RDMO HYDRO-TESTER PICKED UP 1 MORE JT RELEASED RBP TOOH TOOK RBP RETREIVING-HEAD OFF TIH WITH NC:SN 206 JTS 1-6' SUB LAND WELL RU LUB BROACHED TO BOTTOM OK RD LUB ND BOPE PUT WELL-HEAD BACK TOGETHER RU LUB START SWABBING IFL SURFACE FFL 2600' MADE 8 RUNS RECOVERED 35 BBLS RD LUB;RIG;PUMP;TANK GOT READY TO MOVE SHUT DOWN CREW TRAVEL HOME
TOTAL TIME: 11.50 hours				

CREW DETAILS									
ROLE	NAME	START TIME	DURATION (hrs)	TRAVEL TIME (hrs)	PERS. VEH.	TRAVEL DIST (mi)	SUB.	DIST FROM RES (mi)	INJURY FREE
Operator	Carlos Villereal	27-Jan-16, 06:00	11.50	0.00	No	0.00		0.00	Yes
Relief Operator	Roger Garcia	27-Jan-16, 06:00	11.50	0.00	No	0.00		0.00	Yes
Relief Operator	Andrew Peetoom	27-Jan-16, 06:00	11.50	0.00	No	0.00		0.00	Yes
Operator	Tito Espinoza	27-Jan-16, 06:00	11.50	0.00	No	0.00		0.00	Yes
Derrickhand	Jesus Grajeda	27-Jan-16, 06:00	11.50	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:
		RYAN 405-8585



ENSIGN WELL SERVICES

24020 Weld County Road 46, LaSalle, Colorado 80645

Telephone (970) 284-6006



RIG/UNIT #: 316
TOUR: Day Shift

DAILY WORK RECORD

Ticket No: 3720121-SO2

DATE: 26-Jan-16, 06:00

Page: 1 of 1

COMPANY		
PDC ENERGY, INC	LOCATION: STATE 6525 13-32 (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
Crew Travel	1.00	220.00	220.00
Labor - Floor	7.00	55.00	385.00
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			3,573.50
FIELD ESTIMATE (TAX NOT INCLUDED)			\$ 3,573.50



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:		WIND:		TEMP: 0 °F	H2S (%): 0.0			

DETAILS OF OPERATIONS				
FROM	TO	DURATION (hrs)	ACTIVITY	DETAILS
26-Jan-16, 06:00	26-Jan-16, 14:00	8.00	Well Services	CREW TRAVEL TO LOC HELD SAFETY MEETING CHECK PRESS BLOW/50 BLED WELL DOWN FINISHED TOOH ;TOOK BIT;SCRAPER OFF TIH WITH RBP;RETRIEVING-HEAD SET RBP WITH 205 ALL IN LAID DOWN 1 JT CIRC WELL PRESS TEST TO 500 FOR 15 MIN HELD RELEASED PRESS LAID DOWN 6 MORE JTS SHUT WELL IN ADJUSTED BREAKS ON RIG CREW TRAVEL HOME
TOTAL TIME: 8.00 hours				

CREW DETAILS									
ROLE	NAME	START TIME	DURATION (hrs)	TRAVEL TIME (hrs)	PERS. VEH.	TRAVEL DIST (mi)	SUB.	DIST FROM RES (mi)	INJURY FREE
Operator	Carlos Villereal	26-Jan-16, 06:00	11.50	0.00	No	0.00		0.00	Yes
Relief Operator	Roger Garcia	26-Jan-16, 06:00	8.00	0.00	No	0.00		0.00	Yes
Relief Operator	Andrew Peetoom	26-Jan-16, 06:00	8.00	0.00	No	0.00		0.00	Yes
Operator	Tito Espinoza	26-Jan-16, 06:00	8.00	0.00	No	0.00		0.00	Yes
Derrickhand	Jesus Grajeda	26-Jan-16, 06:00	8.00	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:  RYAN 405--8585



ENSIGN WELL SERVICES

24020 Weld County Road 46, LaSalle, Colorado 80645

Telephone (970) 284-6006



RIG/UNIT #: 316
TOUR: Day Shift

DAILY WORK RECORD

Ticket No: 3720121-SO1

DATE: 25-Jan-16, 06:00

Page: 1 of 1

COMPANY		
PDC ENERGY, INC	LOCATION: STATE 6525 13-32 (CO, Station: Lasalle)	PO:
ATTENTION: ACCOUNTS PAYABLE		AFE:
BRIDGEPORT, West Virginia, USA 26330		

CHARGES & EXPENDABLES			
NAME	QTY	UNIT PRICE	EXT. PRICE
Rig Hours	9.50	406.50	3,861.75
Rig Up	1.00	290.00	290.00
Crew Travel	1.00	220.00	220.00
Labor - Floor	10.50	55.00	577.50
Fishing Tools (STANDING-VALVE)	2.00	75.00	150.00
Bird Bath Rental	1.00	35.00	35.00
Oil Saver Rubber	2.00	18.00	36.00
Tubing Wiper Rubber	1.00	48.00	48.00
Thread Dope	1.00	40.00	40.00
CHARGES & EXPENDABLES SUB-TOTAL			5,258.25
FIELD ESTIMATE (TAX NOT INCLUDED)			\$ 5,258.25

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:		WIND:		TEMP: 0 °F	H2S (%): 0.0			

DETAILS OF OPERATIONS				
FROM	TO	DURATION (hrs)	ACTIVITY	DETAILS
25-Jan-16, 06:00	25-Jan-16, 17:30	11.50	Well Services	CREW TRAVEL TO LOC HELD SAFETY MEETING ROAD RIG TO NEXT LOC RIG UP RIG:PUMP;TANK CHECK PRESS 850/800/0 BLED WELL DOWN PUMPED 20/20 NU BOPE PICKED UP 6 JTS NO TAG LAID 6 TAG JTS BACK DOWN TOOH TALLYING OUT TIH WITH BIT;SCRAPER DROPPED STANDING-VALVE PRESS TEST TO 3000 HELD 15 MIN RELEASE PRESS RU LUB FISHED STANDING-VALVE OUT RD LUB TOOH 18 STANDS SHUT WELL OIN CREW TRAVEL HOME
TOTAL TIME: 11.50 hours				

CREW DETAILS									
ROLE	NAME	START TIME	DURATION (hrs)	TRAVEL TIME (hrs)	PERS. VEH.	TRAVEL DIST (mi)	SUB.	DIST FROM RES (mi)	INJURY FREE
Operator	Carlos Villereal	25-Jan-16, 06:00	11.50	0.00	No	0.00		0.00	Yes
Relief Operator	Roger Garcia	25-Jan-16, 06:00	11.50	0.00	No	0.00		0.00	Yes
Relief Operator	Andrew Peetoom	25-Jan-16, 06:00	11.50	0.00	No	0.00		0.00	Yes
Operator	Tito Espinoza	25-Jan-16, 06:00	11.50	0.00	No	0.00		0.00	Yes
Derrickhand	Jesus Grajeda	25-Jan-16, 06:00	11.50	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:
		RYAN 405-8585



Libby MacLean, Owner
200 South 2nd St Suite # 2 LaSalle, CO 80645

An Ensign Drilling USA Subsidiary

1/26/2016

An Ensign Drilling USA Subsidiary

Well #: 6525 13-32

Invoice Ref. #:

OCSG #:

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Total Service & Material:

Total Service & Material:

\$41.89

TOTAL CHARGES: \$2,326.49

RMOR Employee:

P.O. BOX 341
STERLING, CO 80751
970-522-8387

PICK TESTERS HYDRO

TICKET
NO. DH - 8813

B I T L O L	Customer Name <u>PAC ENERGY</u>			On Location: <u>9:30</u>
	Address _____			On Stand By: _____
	City _____	State _____	Zip _____	Off Stand By: _____
	Customer Order No. <u>RYAN PERM</u>			Off Location: <u>9:00</u>

Purpose of Work WET Pressure Used 500/15 min
Date 1-27-16 Lease state Well No 13-32
Field _____ County Weld State CO Location _____
Casing Size & Wt. _____ Tubing Size & Wt. Y
Contractor & # _____ Round Trip Miles From _____

Directions: Wells Ranch

QUANTITY	DESCRIPTION	PRICE	AMOUNT
	Joints		
	Mileage		
	Test Cups		
✓	Hours <u>Net Com</u>	<u>FR</u>	<u>25.-</u>
<u>2</u>	Methanol	<u>45/unit</u>	<u>90.-</u>
✓	Casing Test <u>WET</u>	<u>FR</u>	<u>360.-</u>
✓	Computer Pressure Log	<u>FR</u>	<u>175.-</u>
		Sub Total	<u>650.-</u>
		Sales Tax	<u>2.22</u>
		Labor	<u>-15.96</u>

REPRESENTATIVE BY: <u>Shirley Jones</u>	TOTAL CHARGES	Subject to Correction in accordance with Latest Published Price Schedules ▶	<u>554.22</u>
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1	Holes
	Rod Cuts
	Bad Pins
	Collar Leaks
	Split Joints

Remarks: _____

I certify that the above material and/or services has been delivered and/or used; that the basis for charges are correctly stated; and that I am authorized to sign this agreement as agent of customer.

Company PAC By Shirley Jones Date 1/27/16



PIPE TALLY

Operator:

TITO

Lease: STATE 13-32

Pipe Description: 2 3/8

make up: 80% burst: tensile:

Float:

Jt #	ft*100	Total ft	Jt #	ft*100	Total ft	Jt #	ft*100	Total ft	Jt #	ft*100	Total ft	Jt #	ft*100	Total ft
1	6550	65.50	61	6548	3983.64	121		6725.46	181		6725.46	241		6725.46
2	6560	131.10	62	6533	4048.97	122		6725.46	182		6725.46	242		6725.46
3	6560	196.70	63	6448	4113.45	123		6725.46	183		6725.46	243		6725.46
4	6556	262.26	64	6541	4178.86	124		6725.46	184		6725.46	244		6725.46
5	6563	327.89	65	6453	4243.39	125		6725.46	185		6725.46	245		6725.46
6	6425	392.14	66	6527	4308.66	126		6725.46	186		6725.46	246		6725.46
7	6555	457.69	67	6523	4373.89	127		6725.46	187		6725.46	247		6725.46
8	6550	523.19	68	6544	4439.33	128		6725.46	188		6725.46	248		6725.46
9	6554	588.73	69	6551	4504.84	129		6725.46	189		6725.46	249		6725.46
10	6560	654.33	70	6550	4570.34	130		6725.46	190		6725.46	250		6725.46
11	6580	720.13	71	6551	4635.85	131		6725.46	191		6725.46	251		6725.46
12	6460	784.73	72	6543	4701.28	132		6725.46	192		6725.46	252		6725.46
13	6482	849.55	73	6545	4766.73	133		6725.46	193		6725.46	253		6725.46
14	6553	915.08	74	6547	4832.20	134		6725.46	194		6725.46	254		6725.46
15	6534	980.42	75	6551	4897.71	135		6725.46	195		6725.46	255		6725.46
16	6560	1046.02	76	6562	4963.33	136		6725.46	196		6725.46	256		6725.46
17	6562	1111.64	77	6562	5028.95	137		6725.46	197		6725.46	257		6725.46
18	6500	1176.64	78	6547	5094.42	138		6725.46	198		6725.46	258		6725.46
19	6553	1242.17	79	6548	5159.90	139		6725.46	199		6725.46	259		6725.46
20	6550	1307.67	80	6544	5225.34	140		6725.46	200		6725.46	260		6725.46
21	6562	1373.29	81	6550	5290.84	141		6725.46	201		6725.46	261		6725.46
22	6578	1439.07	82	6551	5356.35	142		6725.46	202		6725.46	262		6725.46
23	6572	1504.79	83	6451	5420.86	143		6725.46	203		6725.46	263		6725.46
24	6580	1570.59	84	6545	5486.31	144		6725.46	204		6725.46	264		6725.46
25	6385	1634.44	85	6552	5551.83	145		6725.46	205		6725.46	265		6725.46
26	6451	1698.95	86	6550	5617.33	146		6725.46	206		6725.46	266		6725.46
27	6545	1764.40	87	6560	5682.93	147		6725.46	207		6725.46	267		6725.46
28	6560	1830.00	88	6561	5748.54	148		6725.46	208		6725.46	268		6725.46
29	6560	1895.60	89	6545	5813.99	149		6725.46	209		6725.46	269		6725.46
30	6560	1961.20	90	6551	5879.50	150		6725.46	210		6725.46	270		6725.46
31	6481	2026.01	91	6531	5944.81	151		6725.46	211		6725.46	271		6725.46
32	6551	2091.52	92	6442	6009.23	152		6725.46	212		6725.46	272		6725.46
33	6560	2157.12	93	6541	6074.64	153		6725.46	213		6725.46	273		6725.46
34	6560	2222.72	94	6551	6140.15	154		6725.46	214		6725.46	274		6725.46
35	6570	2288.42	95	6561	6205.76	155		6725.46	215		6725.46	275		6725.46
36	6550	2353.92	96	6378	6269.54	156		6725.46	216		6725.46	276		6725.46
37	6580	2419.72	97	6538	6334.92	157		6725.46	217		6725.46	277		6725.46
38	6553	2485.25	98	6561	6400.53	158		6725.46	218		6725.46	278		6725.46
39	6435	2549.60	99	6548	6466.01	159		6725.46	219		6725.46	279		6725.46
40	6500	2614.60	100	6320	6529.21	160		6725.46	220		6725.46	280		6725.46
41	6555	2680.15	101	6535	6594.56	161		6725.46	221		6725.46	281		6725.46
42	6562	2745.77	102	6561	6660.17	162		6725.46	222		6725.46	282		6725.46
43	6560	2811.37	103	3261	6692.78	163		6725.46	223		6725.46	283		6725.46
44	6571	2877.08	104	3268	6725.46	164		6725.46	224		6725.46	284		6725.46
45	6491	2941.99	105		6725.46	165		6725.46	225		6725.46	285		6725.46
46	6520	3007.19	106		6725.46	166		6725.46	226		6725.46	286		6725.46
47	6400	3071.19	107		6725.46	167		6725.46	227		6725.46	287		6725.46
48	6354	3134.73	108		6725.46	168		6725.46	228		6725.46	288		6725.46
49	6455	3199.28	109		6725.46	169		6725.46	229		6725.46	289		6725.46
50	6580	3265.08	110		6725.46	170		6725.46	230		6725.46	290		6725.46
51	6521	3330.29	111		6725.46	171		6725.46	231		6725.46	291		6725.46
52	6530	3395.59	112		6725.46	172		6725.46	232		6725.46	292		6725.46
53	6533	3460.92	113		6725.46	173		6725.46	233		6725.46	293		6725.46
54	6540	3526.32	114		6725.46	174		6725.46	234		6725.46	294		6725.46
55	6570	3592.02	115		6725.46	175		6725.46	235		6725.46	295		6725.46
56	6594	3657.96	116		6725.46	176		6725.46	236		6725.46	296		6725.46
57	6550	3723.46	117		6725.46	177		6725.46	237		6725.46	297		6725.46
58	6495	3788.41	118		6725.46	178		6725.46	238		6725.46	298		6725.46
59	6505	3853.46	119		6725.46	179		6725.46	239		6725.46	299		6725.46
60	6470	3918.16	120		6725.46	180		6725.46	240		6725.46	300		6725.46
		3918.16			2807.30			0.00			0.00			0.00

25 JT INCREMENT TOTALS:

1-25	1634.44
25-50	1630.64
50-75	1632.63
75-100	1631.50

100-125	196.25
125-150	0.00
150-175	0.00
175-200	0.00

200-225	0.00
225-250	0.00
250-275	0.00