

Submit 1 Copy To Appropriate District Office  
District I - (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II - (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV - (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised July 18, 2013

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. 30-015-44534
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name C 17 STATE
8. Well Number 1H
9. OGRID Number 246289
10. Pool name or Wildcat PURPLE SAGE; WOLFCAMP (GAS)

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	
2. Name of Operator RKI Exploration & Production, LLC	
3. Address of Operator 3500 One Williams Center, MD 35, Tulsa, OK 74172	
4. Well Location Unit Letter A : 1194 feet from the NORTH line and 551 feet from the EAST line Section 17 Township 23S Range 27E NMPM County Eddy	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3154	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
DOWNHOLE COMMINGLE <input type="checkbox"/>	P AND A <input type="checkbox"/>
CLOSED-LOOP SYSTEM <input type="checkbox"/>	CASING/CEMENT JOB <input checked="" type="checkbox"/>
OTHER: <input type="checkbox"/>	COMMENCE COMPLETION OPS
	OTHER: <input type="checkbox"/>

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

PLEASE BE ADVISED RKI EXPLORATION AND PRODUCTION, LLC SPUD & SET SURFACE CASING FOR THIS WELL. A SUMMARY OF THE DRILLING OPERATION IS AS FOLLOWS:

1/4/2018 Spud

1/5/2018 Surface Casing & Cement. 13.375" 54.5# J-55 BTC: 0' - 450.7' 646 sks 14.8#. Bump plug at 857 psi. 45bbbls cement to surface. Lay out Landing Joint, Install and Orientate Wellhead. Test Head to 5K, hold 10 minutes, Good test. Install TA Cap. Release Rig 1/5/2018 @ 23:59 Hrs to C 17 State 3H.

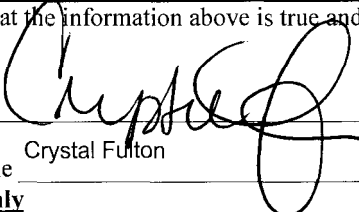
Post Job Report is attached.

OIL CONSERVATION  
ARTESIA DISTRICT  
JAN 29 2018

Spud Date: 1/4/2018

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE  TITLE Permitting Tech II DATE 1/24/2018

Type or print name Crystal Fulton E-mail address: crystal.fulton@wpenergy.com PHONE: 539-573-0218

For State Use Only

APPROVED BY:  TITLE Staff Mgr DATE 1-29-18  
Conditions of Approval (if any):

## FIELD TICKET

**Client** WPX ENERGY INC  
**Well** C State 17-1H  
**Job Description** Surface  
**Date** January 05, 2018

**BJ****Field Ticket #** FT-02448-R4K2X50202-91342

**Field Ticket #** FT-02448-R4K2X50202-91342  
**Client** WPX ENERGY INC  
521 S BOSTON, TULSA, 74121

**Credit Approval #**  
**Purchase Approval #**  
**Invoice #**

**Field Rep**  
**Field Client Rep** WPX  
**District** Hobbs, NM  
**Job Type** Surface  
**Job Depth (ft)** 400.00  
**Gas Used On Job** No

**Well** C State 17 1H  
**Well API #** 30-015-44534  
**Well Type**  
**Well Classification**  
**County** USA  
**State/Province** NM  
**Field**  
**Lease**

1 of 3

TRACKER 1/15 JP          FT           
PROJECT # PR5 1002728  
SALES ORDER #                           
PICK&PACK                          TO TB                 

h

Customer Name WPX  
 Well Name C State 17-1H  
 Job Type Surface

District Hobbs  
 Supervisor Terence Sawyer  
 Engineer \_\_\_\_\_



Seq No.	Start Date/Time	Category	Event	Equipment	Event ID	Density (lb/cu)	Pump Rate (BPM)	Pump Vol (bbls)	Pipe Pressure (psi)	Comments
1	1/4/2018									
2	19:00		Yard Time							Rolled Over from Kaiser Francis Location
3	23:00		Left Yard							Left other location
4	0:40		Arrived on Loc							Requested at 2300 1/4/18 Bultruck arrived at 0200
5	1/5/2018									
5	14:45		Pre Rigup Meeting							
6	14:50		Rigged Up Equipment							Spot Trucks
7	15:30		Rig Up Complete							Waiting for Bulk truck with additional cement
8	18:00		Safety Meeting							
9	18:10		Rig Up Floor							
10	18:15		Stab Head							
11	18:25		Fill Lines			8.33	2	2	79	Fresh Water
12	18:30		Test Lines			8.33			2000	Good Test to 2000psi
13	18:36		Start Spacer			8.33	5	30	64	Fresh Water
21	19:04		Start Tail			14.8	5	5	120	Scaled @ 14.8ppg
22	19:07		Tail Cement			14.8	4	40	123	Tail Cement
23	19:09		Tail Cement			14.8	1	50	54	Started having trouble with pump truck could only get cement at 1 BPM and keep density
										Switch Bulk trucks and lost cement completely. Was Down for 15 to 20 Mins trying to get it back
24	19:31		Tail Cement			14.8	1	80	110	
24	19:40		Tail Cement			14.8	1.5	96	123	Got cement going again but still just 1.5 BPM but finish Total Cement was 1538bbls
24	20:23		Shutdown/Drop Plug							Plug Left
25	20:28		Start Displacement			8.33	5	10	150	Fresh Water Displacement
26	20:29		Displacement			8.33	5	15	117	Fresh Water 45bbls/189pgs cement to Surface
27	20:31		Displacement			8.33	5	30	138	Fresh Water
28	20:37		Displacement			8.33	3	50	147	Fresh Water Total Displacement was 60.8bbls
30	20:41		Bump Plug							Bump Plug 857psi/hold for 5 Min
31	20:47		Check Floats							Floats Held 1 Bbls Back
32	20:48		Shutdown							
33										
34										
35										
36										
37										
38										
39										
40										
41										
42										

## Cementing Treatment



Start Date	10/12/2017	Well	C State 17-1H
End Date	1/5/2018	County	EDDY
Client	WPX ENERGY INC	State/Province	NM
Client Field Rep		API	30-015-44534
Service Supervisor		Formation	
Field Ticket No.		Rig	
District	Hobbs, NM	Type of Job	Surface

### WELL GEOMETRY

Type	ID (in)	OD (in)	Wt. (lb/ft)	MD (ft)	TVD (ft)	Excess(%)	Grade	Thread
Open Hole	17.50			400.00	400.00	100.00		
Casing	12.62	13.38	54.50	400.00	400.00			

Shoe Length (ft): 46

### HARDWARE

Bottom Plug Used?	No	Tool Type	Float Collar
Bottom Plug Provided By		Tool Depth (ft)	393.42
Bottom Plug Size		Max Tubing Pressure - Rated (psi)	
Top Plug Used?	Yes	Max Tubing Pressure - Operated (psi)	
Top Plug Provided By	Non BJ	Max Casing Pressure - Rated (psi)	2,184.00
Top Plug Size	13.375	Max Casing Pressure - Operated (psi)	858.00
Centralizers Used	No	Pipe Movement	
Centralizers Quantity		Job Pumped Through	Manifold
Centralizers Type		Top Connection Thread	LTC
Landing Collar Depth (ft)	354	Top Connection Size	13 3/8

### CIRCULATION PRIOR TO JOB

Well Circulated By	Rig	Solids Present at End of Circulation	No
--------------------	-----	--------------------------------------	----

## Cementing Treatment



Circulation Prior to Job	No	10 sec SGS
Circulation Time (min)		10 min SGS
Circulation Rate (bpm)		30 min SGS
Circulation Volume (bbls)		Flare Prior to/during the Cement Job
Lost Circulation Prior to Cement Job	Yes	Gas Present
Mud Density In (ppg)		Gas Units
Mud Density Out (ppg)		
PV Mud In		
PV Mud Out		
YP Mud In		
YP Mud Out		

### TEMPERATURE

Ambient Temperature (°F)	Slurry Cement Temperature (°F)
Mix Water Temperature (°F)	Flow Line Temperature (°F)

### BJ FLUID DETAILS

Fluid Type	Fluid Name	Density (ppg)	Yield (Cu Ft/sk)	H2O Req. (gals/sk)	Vol (sk)	Vol (Cu Ft)	Vol (bbls)
Spacer / Pre Flush / Flush	Fresh Water	8.3400					30.0000
Tail Slurry	Class C	14.8000	1.3353	6.34	646		153.5400
Displacement Final	Fresh Water	8.3400				0.0000	54.7000

Fluid Type	Fluid Name	Component	Concentration	UOM
Spacer / Pre Flush / Flush	Fresh Water	Fresh Water	100.00	PCT
Tail Slurry	Class C	ACCELERATOR, SALT, CHLORIDE, CALCIUM, A-7P, PELLETS	1.00	BWOB
Tail Slurry	Class C	CEMENT, PREMIUM C	100.00	PCT
Displacement Final	Fresh Water	Fresh Water	100.00	PCT

## Cementing Treatment



### TREATMENT SUMMARY

Time	Fluid	Rate (bpm)	Fluid Vol. (bbls)	Pipe Pressure (psi)	Annulus Pressure (psi)	Comments
	Fresh Water	5.00	30.00			
	Class C	5.00	153.00			
	Fresh Water	5.00	54.74			

	Min	Max	Avg
Pressure (psi)	0.00	0.00	0.00
Rate (bpm)	5.00	5.00	5.00

### DISPLACEMENT AND END OF JOB SUMMARY

Displaced By	BJ	Amount of Cement Returned/Reversed	45.00
Calculated Displacement Volume (bbls)	60.80	Method Used to Verify Returns	Visual
Actual Displacement Volume (bbls)	60.80	Amount of Spacer to Surface	30.00
Did Float Hold?	No	Pressure Left on Casing (psi)	0.00
Bump Plug	Yes	Amount Bled Back After Job	1.00
Bump Plug Pressure (psi)	858.00	Total Volume Pumped (bbls)	60.80
Were Returns Planned at Surface	Yes	Top Out Cement Spotted	No
Cement returns During Job	Partial	Lost Circulation During Cement Job	No

### CEMENT PLUG

Bottom of Cement Plug?	No	Wiper Balls Used?	No
Wiper Ball Quantity		Plug Catcher	No
Number of Plugs			

### SQUEEZE

## Cementing Treatment



Injection Rate (bpm)

Fluid Density (ppg)

Injection Pressure (psi)

ISIP (psi)

Type of Squeeze

FSIP (psi)

Operators Max SQ Pressure (psi)

### COMMENTS

---

#### Treatment Report

#### Job Summary

## Call Sheet



Service Line:	Cementing	Yard Call:	1/4/2018
Job Code:	Surface	RTS Date:	1/4/2018
# of Zone of Total Zone:	1 of 1	District:	Hobbs, NM
Client Name:	WPX ENERGY INC	Month Year:	1/4/2018

Well Information	
API #:	30-015-44534
Well Name:	C State 17-1H
Formation:	
Rig Name:	PREDATOR 17
Rig Phone:	832-462-6024
Drilling Contractor:	PREDATOR 17
Country / Parish:	EDDY
State:	NM
Latitude:	32.30886
Longitude:	-104.20512
Township:	
Section:	
Range:	

Client Information	
Client:	20058445
AFE/PO #:	
Client Rep On Loc:	
Phone #:	
Order Placed By:	
Phone #:	
Proposed Job Amount:	\$16,482.41

Job Information	
Job #:	2092
Proposal #:	QUO-03824-G8T4J8
Order Taken By:	
Order Date:	12/18/2017
Salesman:	Steve Matlock
Tech Writer:	Juan Lacorte
Job Status:	Not Started



## Call Sheet



Job Parameters	
Hole Size:	17.50
Cement Depth:	400.00
Total Estd.Disp.Vol:	54.70
Water Resource:	
Hole Depth:	400.00
Mud Density:	
Mud Type:	
Est. BHCT:	80.00

Top Connection		
Size	Type	Thread
13.38	CSG	

Tubular Data			
Type	OD (in)	ID (in)	MD (ft)
Open Hole		17.500	400.00
Casing	13.38	12.615	400.00

Hardware	
Qty	Description
1	PLUG,CEMENT 13.3 TOP BIPL

### COMMENTS

BOL 2300 NMT 1/4/18 BJ IRON 12 13-3/8 HEAD, NUBB, SWAGE (BUTT) & 16 INCH MANIFOLD

### JOB INSTRUCTIONS

### DIRECTIONS TO WELL

From Malaga: Hwy 285 & Black River Village Rd (720). Head West on Black River Village RD (720) for 9.5 miles. Turn Right (North) onto Old Cavern Hwy (748) Go 5.6 miles to Lease road on Right Go 0.8 miles East, South into Location

## Call Sheet



### MATERIALS

Material	Description	QTY	Unit
L86728	PLUG, CEMENT 13.3 TOP BJPL	1.0000	EA
L100112	ACCELERATOR, SALT, CHLORIDE, CALCIUM, A-7P, PELLETS	420.0000	LB
L410520	CEMENT, PREMIUM C	446.0000	SK

### ASSIGNMENT DETAILS

#### Employee

Day Night	Person	Job Function	Yard Date	Comments
Day		SUPERVISOR	1/4/2018	TERENCE SAWYER
Day	John Vail	PUMP OPERATOR	1/4/2018	
Day	Juan Andrade	BULK TRUCK	1/4/2018	
Day	Humberto Barbosa	EXTRA	1/4/2018	

#### Equipment

Day Night	Yard Date	Equipment	Equipment No	Comments
Day	1/4/2018	Cementing - High Pressure Pumper/Cementer in a Box - Float		CPF-222
Day	1/4/2018	Cementing - Bulk Unit - Trailer		CTF-108

C State 17-1H - 30-015-4AS34 - Surface

WPX

