

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

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

Form C-103
Revised July 18, 2013

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.)		WELL API NO. 330-015-44536
1. Type of Well: Oil Well ☐ Gas Well ☒ Other		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator RKI EXPLORATION & PRODUCTION LLC		6. State Oil & Gas Lease No.
3. Address of Operator 3500 ONE WILLIAMS CENTER, TULSA, OK 74172		7. Lease Name or Unit Agreement Name C 17 STATE
4. Well Location Unit Letter ^A , 1194 feet from the NORTH line and 451 feet from the EAST line Section 17 Township 23S Range 27E NMPM County EDDY		8. Well Number 3H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3154		9. OGRID Number 246289
		10. Pool name or Wildcat PURPLE SAGE WOLFCAMP GAS POOL

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☒	COMMENCE COMPLETION OPS ☐
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐		OTHER: ☐	

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 CONCLUDED DRILLING & CEMENTING 2ND INTERVAL CASING FOR THIS WELL. A SUMMARY OF THE DRILLING OPERATION IS AS FOLLOWS:

2/14/2018 2nd Intermediate:
7" 29# P-110EC BTC: 0' - 9,489'
Lead CMT: 508 sks @ 11 ppg, Tail: 178sks @ 14.4 ppg.

Bumped Plug @ 1350 psi, floats held. 74 sks cmt to sfc.

2/14/2018 Prep to skid rig. Install Night Cap and Release Rig.

The binded Post Job Report is attached.

NM OIL CONSERVATION
ARTESIA DISTRICT

MAR 30 2018

RECEIVED

Spud Date:

1/6/2018

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

2/27/2018

Type or print name

CRYSTAL FULTON

E-mail address:

Crystal.Fulton@WPXEnergy.com

PHONE:

539-573-0218

For State Use Only

APPROVED BY:

TITLE

DATE

Conditions of Approval (if any):

FIELD TICKET

Client WPX ENERGY INC
Well C State 17-3H
Job Description Long String
Date February 28, 2018

BJ

Field Ticket # FT-03690-K4Z3B00202-68374

Field Ticket # FT-03690-K4Z3B00202-68374
Client WPX ENERGY INC
521 S BOSTON, TULSA, 74121

Credit Approval #
Purchase Approval #
Invoice #

Field Rep Ray Romero
Field Client Rep Ray romero
District Hobbs, NM
Job Type Long String
Job Depth (ft) 9,506.00
Gas Used On Job No

Well C State 17 3H
Well API # 30-015-44536
Well Type
Well Classification
County USA
State/Province NM
Field
Lease

1 of 4

TRACKER 2/28 JP 02/28 FT 02/28
PROJECT # 8851003767
SALES ORDER # 50 000007872
PICK&PACK 2/28 TO TB 2/28



District Hobbs
Supervisor Ray Romero
Engineer

Customer Name WPX Energy
Well Name C STATE 17 -3H
Job Type Long String

Hours waiting on Rig										0
Hours Rig waiting on BJ										5
Seq No.	Start Date/Time	Category	Event	Equipment	Event ID	Density (lb/gal)	Pump Rate (bpm)	Pump Vol (bbls)	Pipe Pressure (psf)	Comments
1	2/13/2018 16:45	Mobilization	Callout 2:30							Location time was 22:00
2	2/13/2018 16:45	Mobilization								Arrived on Location 21:30
4	2/13/2018 22:30	Operational	Other (See comments)							spot in trucks
5	2/13/2018 22:40	Operational	Safety Meeting							streaks /safety meeting
6	2/13/2018 22:45	Operational	Rig Up							rig up
7	2/14/2018 1:20	Operational	Other (See comments)							rig up complete, except for wash up lines and some hoses.
8	2/14/2018 2:10	Operational	Other (See comments)							cement arrived onlocation (Ray)
9	2/14/2018 2:20	Operational	Rig Up							finishing up on the rest of the rig up
10	2/14/2018 3:00	Operational	Other (See comments)							Prime and test pump truck
11	2/14/2018 3:30	Operational	Other (See comments)							finish pump test
12	2/14/2018 3:45	Operational	Other (See comments)							rig up wash up lines .JP here with hoses.
13	2/14/2018 4:20	Operational	Other (See comments)							wash up and all rig up complete . The boards were
14	2/14/2018 5:00	Operational	Safety Meeting							also install after the original rig up.
15	2/14/2018 5:10	Operational	Other (See comments)							safety job meeting with rig prior to start
										stab head
										pressure test failed , the 2" valves on manifold
16	2/14/2018 5:25	Operational	Pressure Test			8.34	1	1	3800	were leaking had to change out manifold and valves
17	2/14/2018 5:56	Operational	Pressure Test			8.34	1	1	4000	Pressure test passed
18	2/14/2018 6:00	Operational	Pump Spacer			8.34	4	60	450	pumped spacer ,good circulation
19	2/14/2018 6:20	Operational	Pump Lead Cement			11	4.5	80	350 *	good circulation , cement weighed 11.1
20	2/14/2018 7:30	Operational	Pump Lead Cement			11	6	272	330	good circulation , cement weighed 11.1
21	2/14/2018 7:35	Operational	Pump Tail Cement			14.4	4.5	42	335	good circulation, cement weighed 14.6
22	2/14/2018 7:46	Operational	Other (See comments)							shut down wash up to pit , drop plug
23	2/14/2018 7:55	Operational	Pump Displacement			12	6	230	360	good circulation
										good circulation, cement to surface 40 bbls (74 sks)
24	2/14/2018 8:38	Operational	Pump Displacement			12	6	310	550	
25	2/14/2018 8:49	Operational	Pump Displacement			12	6	329	620	lift pressure prior to slow rate
26	2/14/2018 8:50	Operational	Other (See comments)			12	2	330	550	slow rate
27	2/14/2018 8:55	Operational	Other (See comments)			12	2	351	1300	bumped plug
28	2/14/2018 9:00	Operational	Check Floats							floats held 2 bbls returned.
29	2/14/2018 9:20	Operational	Safety Meeting							streaks / air meeting
30	2/14/2018 9:30	Operational	Rig Down							rig down
31	2/14/2018 10:20	Operational	Other (See comments)							rig down complete
32	2/14/2018 11:00	Mobilization	Leave Location							leave location
	2/14/2018 0:00									

wait on BJ 5
Total 0 1/2

6
5
11 HRS

2:00 HR
9:00 HR
11 HRS

Rig 8
3 shut
11

22:00 2400

Cementing Treatment



Start Date 2/13/2018 **Well** C State 17-3H
End Date 2/14/2018 **County** EDDY
Client WPX ENERGY INC **State/Province** NM
Client Field Rep API 30-015-44536
Service Supervisor Formation
Field Ticket No. 7" 2nd Intermediate - C State 17- Rig
District Hobbs, NM **Type of Job** Long String

WELL GEOMETRY

Type	ID (in)	OD (in)	WT. (lb/ft)	AGD (ft)	TVD (ft)	Excess(%)	Grade	Thread
Previous Casing	8.84	9.63	40.00	2,003.00	2,003.00	0.00	J-55	LTC
Open Hole	8.75			9,506.00	9,506.00	25.00		
Open Hole	8.75			9,506.00	9,506.00	50.00		
Casing	6.18	7.00	29.00	9,470.00	9,031.00		P-110	BTC

Shoe Length (ft): 90

HARDWARE

Bottom Plug Used?	No	Tool Type
Bottom Plug Provided By		Tool Depth (ft)
Bottom Plug Size		Max Tubing Pressure - Rated (psi)
Top Plug Used?	No	Max Tubing Pressure - Operated (psi)
Top Plug Provided By		Max Casing Pressure - Rated (psi)
Top Plug Size		Max Casing Pressure - Operated (psi)
Centralizers Used	No	Pipe Movement
Centralizers Quantity		Job Pumped Through
Centralizers Type		Top Connection Thread
Landing Collar Depth (ft)	9,380	Top Connection Size

CIRCULATION PRIOR TO JOB

Cementing Treatment

BJ

Well Circulated By		Solids Present at End of Circulation	No
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	No
Lost Circulation Prior to Cement Job	No	Gas Present	No
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 (Cp) lb/sk	H ₂ O Req. (gal/sk)	Planned Top of Fluid (ft)	Length (ft)	Vol (sk)	Vol (Cu Ft)	Vol (bbls)
Spacer / Pre Flush / Flush	Fresh Water	8.3400			0.00				60.0000
Lead Slurry	50:50:10 Pozz:H:Gel Lead	11.0000	3.0160	18.29	1,479.00		508	1,532.0000	272.8000
Tail Slurry	50:50:2 Pozz:H:Gel Tail	14.4000	1.2195	5.38	8,420.00		178	217.0000	38.5000
Displacement Final	Cut Brine	8.6000			0.00			0.0000	351.0000

Fluid Type	Fluid Name	Component	Concentration UOM
Lead Slurry	50:50:10 Pozz:H:Gel Lead	EXTENDER, BENTONITE	10.0000 BWOB

Cementing Treatment

BJ

Lead Slurry	50:50:10 Pozz:H:Gel Lead	CEMENT, FLY ASH (POZZOLAN)	50.0000 PCT
Lead Slurry	50:50:10 Pozz:H:Gel Lead	CEMENT, PREMIUM H	50.0000 PCT
Lead Slurry	50:50:10 Pozz:H:Gel Lead	CEMENT EXTENDER, SODIUM METASILICATE, A-2	0.1000 BWOB
Lead Slurry	50:50:10 Pozz:H:Gel Lead	IntegraSeal KOL	2.5000 LBS/SK
Lead Slurry	50:50:10 Pozz:H:Gel Lead	IntegraSeal CELLO	0.2500 LBS/SK
Lead Slurry	50:50:10 Pozz:H:Gel Lead	RETARDER, R-21	0.4500 BWOB
Tail Slurry	50:50:2 Pozz:H:Gel Tail	EXTENDER, BENTONITE	2.0000 BWOB
Tail Slurry	50:50:2 Pozz:H:Gel Tail	DISPERSANT, CD-32	0.3000 BWOB
Tail Slurry	50:50:2 Pozz:H:Gel Tail	CEMENT, FLY ASH (POZZOLAN)	50.0000 PCT
Tail Slurry	50:50:2 Pozz:H:Gel Tail	CEMENT EXTENDER, SODIUM METASILICATE, A-2	0.2000 BWOB
Tail Slurry	50:50:2 Pozz:H:Gel Tail	FLUID LOSS, FL-52	0.4000 BWOB
Tail Slurry	50:50:2 Pozz:H:Gel Tail	CEMENT, PREMIUM H	50.0000 PCT

TREATMENT SUMMARY

Time	Fluid	Rate (bpm)	Fluid Vol. (bbls)	Pipe Pressure (psi)	Annulus Pressure (psi)	Comments
2/14/2018 6:00 AM	Fresh Water	4.00	60.00			
2/14/2018 6:20 AM	50:50:10 Pozz:H:Gel Lead	4.00	272.80			
2/14/2018 7:35 AM	50:50:2 Pozz:H:Gel Tail	4.00	38.50			
2/14/2018 7:55 AM	Cut Brine	4.00	351.00			
Pressure (psi)			0.00	0.00	0.00	
Rate (bpm)			4.00	4.00	4.00	

DISPLACEMENT AND END OF JOB SUMMARY

Cementing Treatment



Displaced By		Amount of Cement Returned/Reversed	
Calculated Displacement Volume (bbls)		Method Used to Verify Returns	
Actual Displacement Volume (bbls)		Amount of Spacer to Surface	
Did Float Hold?	Yes	Pressure Left on Casing (psi)	
Bump Plug	No	Amount Bled Back After Job	
Bump Plug Pressure (psi)		Total Volume Pumped (bbls)	
Were Returns Planned at Surface	No	Top Out Cement Spotted	
Cement returns During Job		Lost Circulation During Cement Job	
CEMENT PLUG			
Bottom of Cement Plug?		Wiper Balls Used?	
Wiper Ball Quantity		Plug Catcher	
Number of Plugs			
SQUEEZE			
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			

Cementing Treatment

BJ



JobMaster Program Version 4.02C1
Job Number: PowerVision
Customer: wp
Well Name: pump test C State

