

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOCD
Artesia

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No.
NMNM20965

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on page 2

| | | |
|---|---|--|
| 1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other | | 8. Well Name and No. RDX FED COM 17 36H |
| 2. Name of Operator RKI EXPLORATION & PROD LL Contact: CRYSTAL FULTON E-Mail: crystal.fulton@wpenergy.com | | 9. API Well No. 30-015-43636 |
| 3a. Address 3500 ONE WILLIAMS CENTER MD35 TULSA, OK 74172 | 3b. Phone No. (include area code) Ph: 539-573-0218 | 10. Field and Pool or Exploratory Area PURPLE SAGE; WOLFCAMP(GAS) |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 17 T26S R30E 150FNL 920FWL 200' FNL ; 735' FWL BHL: 230' FNL • 1064' FWL | | 11. County or Parish, State EDDY COUNTY, NM |

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|---|---|---|--|---|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Hydraulic Fracturing | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other Drilling Operations |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

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

11/22/2017
4-1/2? 13.5# P-110 HC:Q: 10,156? ? 15,746? Lead CMT: 410 sks @ 14.5ppg. Bumped plug at 3,350 psi.
Floats held. Circ. 49 Bbls/167 sks off Liner Top.
The binded Post Job Report is attached.

BUREAU OF LAND MANAGEMENT
ARTESIA DISTRICT

JAN 16 2018

SC 1-16-18
Accepted for record - NMOCD

RECEIVED

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #397627 verified by the BLM Well Information System For RKI EXPLORATION & PROD LL, sent to the Carlsbad Committed to AFMSS for processing by PRISCILLA PEREZ on 12/15/2017 ()

| | |
|-------------------------------------|--------------------------|
| Name (Printed/Typed) CRYSTAL FULTON | Title PERMITTING TECH II |
| Signature (Electronic Submission) | Date 12/15/2017 |

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

| | | |
|---|-------------|------------------|
| Approved By _____ | Title _____ | Date JAN 16 2018 |
| Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. | | |
| Office BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE | | |

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

PAR FIVE
ENERGY SERVICES LLC

DESIGN - EXECUTE - EVALUATE - REPORT

LINER

WPX ENERGY

RDX Federal Com 17 #36H

Eddy County New Mexico

PRIMARY PUMP: Joshua Casillas 1034-2036
SECONDARY PUMP: Mike Chavez 1036-2040

Ruben Sanchez Jr

SERVICE SUPERVISOR

ARTESIA DISTRICT

1-575-748-8610

11/22/2017

WELL SUMMARY

PAR FIVE ENERGY SERVICES LLC

| WELL /CASING DATA | | | | | | | |
|-----------------------------|------|---|------|---------------------------------------|-------|-----------|----------------|
| JOB TYPE: LINER | | | | HOLE SIZE: 6 1/8 | | | |
| TVD: 10860 | | | | PREVIOUS CASING SIZE: 7 | | | |
| PREVIOUS CASING LB/FT: 29 | | | | PREVIOUS CASING DEPTH: 11300 | | | |
| CASING SIZE: 4 1/2 | | | | | | | |
| CASING LB/FT: 13.5 | | | | CASING GRADE: P-110 | | | |
| FLOAT COLLAR DEPTH: 5419.66 | | | | SHOE JOINT LENGTH: 90.34 | | | |
| DV TOOL DEPTH: na | | | | SECOND DV TOOL DEPTH: na | | | |
| TOTAL DEPTH: 15630 | | | | TOTAL CASING : 5510 | | | |
| TUBULAR DATA | | | | | | | |
| TBG/D.P. SIZE: | | | | TBG/D.P. DEPTH: | | | |
| TBG/D.P. LB/FT: | | | | TOOL DEPTH: | | | |
| PACKER OR RETAINER: | | | | PERF/HOLE DEPTH: | | | |
| SURFACE EQUIPMENT | | | | | | | |
| CEMENT HEAD SIZE: | | 4 1/2 | | QUICK CONNECT SIZE: | | 4 1/2 | |
| DRILL PIN SIZE/TYPE: | | | | THREAD: | | CDC-HTQ | |
| TUBING SWEDGE SIZE: | | | | TAKE 2 -2 INCH REGULAR TUBING SWEDGES | | | |
| CHEMICALS NEEDED | | | | | | | |
| 700# SUGAR | | | | | | | |
| EQUIPMENT | | | | | | | |
| SUPERVISOR: | | Ruben Sanchez | | FIELD REPRESENTATIVE: | | | |
| PUMP OPERATOR: | | Josh Castillas | | UNIT NUMBER: | | 1034-2036 | |
| E/O: | | Micael Chavez | | UNIT NUMBER: | | 1036-2040 | |
| E/O: | | Erick Garcia | | UNIT NUMBER: | | | |
| E/O: | | Juan Lazano | | UNIT NUMBER: | | 1029-2047 | |
| E/O: | | Jose Velasquez | | UNIT NUMBER: | | 1017-2049 | |
| FLUID DATA | | | | | | | |
| 1ST SLURRY: | | 50/50 Poz/H + 5% (BWOW) PF44 Salt + 30% PF151 Cadium Carbonate + 2% PF20 Bentonite + 0.7% PF606 Fluidloss + 0.2% PF813 Retarder + 0.1% PF65 Dispersant + 0.1% PF153 Antisettling Agent + .4 pps PF45 Defoamer | | | | | |
| DENSITY: | 14.5 | YIELD: | 1.64 | MIX H2O: | 7.123 | SACKS: | 410 |
| 2ND SLURRY: | | | | | | | |
| DENSITY: | | YIELD: | | MIX H2O: | | SACKS: | |
| 3RD SLURRY: | | | | | | | |
| DENSITY: | | YIELD: | | MIX H2O: | | SACKS: | |
| 4TH SLURRY: | | | | | | | |
| DENSITY: | | YIELD: | | MIX H2O: | | SACKS: | |
| 5TH SLURRY | | | | | | | |
| DENSITY: | | YIELD: | | MIX H2O: | | SACKS: | |
| DISPLACEMENT TYPE : | | sugar water/oil base | | DISPLACEMENT VOLUME: | | 189.9 | MUD WEIGHT: 14 |

WELL SUMMARY

PAR FIVE

ENERGY SERVICES LLC

| | | |
|--------------------------------|---------------------------|----------------------|
| COMPANY NAME: WPX ENERGY | DATE: 11/22/2017 | |
| LEASE NAME: RDX FEDERAL COM 17 | OPERATOR NAME: WPX ENERGY | |
| WELL NUMBER: #36H | TICKET NUMBER: 7027 | |
| API NUMBER: 30-015-43636 | AFE NUMBER: | |
| SECTION: 17 | TOWNSHIP: 26S | RANGE: 30E |
| COUNTY: EDDY | STATE: NM | |
| RIG NAME: H&P 556 | COMPANY REP: BRYAN KNOOP | PHONE#: 361-533-4421 |

DIRECTIONS

US285 SOUTH of Malaga NM to MM #4 turn LEFT and follow CR725

NOTES

UPDATED BY MIKE ELLIOTT 10-26-17

HSE

ALL EMPLOYEES WEAR PPE

JOB PROCEDURE

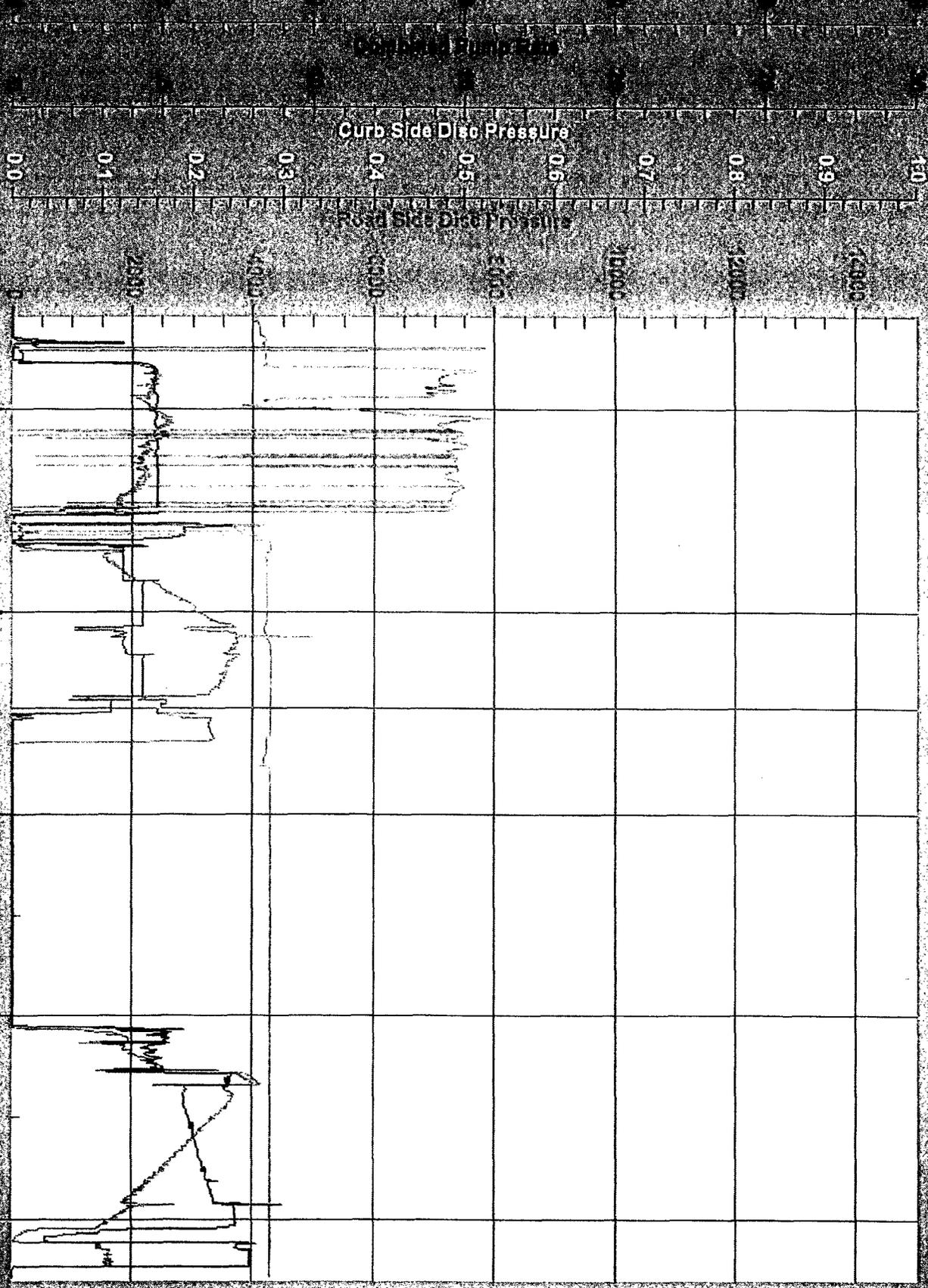
PUMP 40 BBLS MUD PUSH
PUMP 29.4 BBLS FRESH WATER
PUMP 410 SKS SLURRY @ 14.5 PPG
SHUT DOWN DROP PLUG
DISPLACE WELL

JOB LOG

PAR FIVE ENERGY SERVICES LLC

| COMPANY NAME: WPX ENERGY | | | | DATE: 11/22/2017 | |
|--|------------|-----------------|--------|---------------------|---|
| LEASE NAME: RDX FEDERAL COM 17 | | | | TICKET NUMBER: 7027 | |
| WELL NUMBER: #36H | | | | JOB TYPE: LINER | |
| SCHEDULED LOCATION TIME | | 11/22/2017 9:00 | | DATE LEFT LOCATION | 11/22/2017 |
| TIME ARRIVED ON LOCATION | | 11/22/2017 8:00 | | TIME LEFT LOCATION | 17:00 |
| TIME | PRESSURE | | VOLUME | RATE | LOG DETAILS |
| | TBC OR BHP | CASING | | | |
| 4:49 | | | | | PRE-CONVOY MEETING |
| 5:00 | | | | | DEPARTURE FROM YARD |
| 8:00 | | | | | ARRIVE LOCATION |
| 8:10 | | | | | HAZZARD ASSESMENT |
| 8:15 | | | | | PRE-RIG UP MEETING |
| 8:20 | | | | | RIG UP |
| 9:00 | | | | | FINISH RIGGING UP |
| | | | | | RIG PUMPING DOWN BALL |
| 10:15 | | | | | PRE JOB SAFETY MEETING |
| | | | | | RIGGING UP TO LINER HEAD |
| 10:42 | | 1050 | 2 | 4 | 2 BBL SPACER |
| 10:44 | | 7500 | 0.5 | 0.5 | TEST LINES TO 7500 |
| 10:46 | | 2200 | 40 | 5 | MUD PUSH SPACER |
| 11:00 | | 2200 | 10 | 5 | DYE SPACER |
| 11:02 | | 2300 | 135 | 5 | SLURRY |
| 11:36 | | 0 | 20 | | SHUT DOWN WASH UP |
| 11:41 | | 0 | 0 | | BAKER HAND DROPPED PLUG |
| 11:42 | | 3560 | 179 | 4 | DISPLACEMENT |
| 12:27 | | 2208 | 9.5 | 3 | SLOW RATE |
| 12:34 | | 3350 | 0.5 | 3 | BUMP PLUG |
| | | 3350 | | | HOLD FOR FIVE MIN |
| 12:39 | | 0 | | | CHECK FLOATS |
| | | | | | FLOATS HELD |
| | | | | | RIG INFLATED PACKER |
| 12:53 | | | | | RIG SHEERED OFF LINER |
| 12:56 | | | | | RIG CIRCULATED CEMENT OFF THE LINER TOP |
| | | | | | CIRCULATED 49 BBLs =167 SACKS |
| | | | | | RIG TESTED TOP OF THE LINER |
| 13:10 | | 300 | 1700 | | CIRCULATED HOLE WITH KCL WATER |
| 15:20 | | | | | RIG DOWN SAFETY MEETING |
| 15:25 | | | | | RIG DOWN |
| 16:30 | | | | | FINISH RIGGING DOWN |
| 16:35 | | | | | PRECONVOY MEETING |
| 17:00 | | | | | LEAVING LOCATION |
| THANK YOU FOR CHOOSING PAR FIVE ENERGY RUBEN & CREW OUT! | | | | | |

WPX-FID-X-FEED-D-001117-318H-H-P-556-LIN-B-Unit-2183-1051-Casillas



22 Wed Nov 2017

Customer: **WPX Energy**
Well Name: **RDX Federal Com 17 #36H**
County: **Eddy** State: **NM**
Rig: **H & P 556**
Salesman: **Chris DeLeon**

MD: **15696**
TVD: **10885**
BHST: **167**
BHCT: **131**

Report Date: **November 17 2017**
Stage: **Lead**
String: **Liner**
Blend Type: **Plant Blend**
Reported By: **Rodriguez, Sonny**

Slurry Information

Density: 14.50 ppg Yield: 1.64 cuft/sk Mix Fluid: 7.121 gal/sk

Slurry Composition

Cement Blend: 50/50PozH

| Additive | Conc | Design | Description | Lot Number |
|----------|-------------|--------|---------------------|---------------|
| PF-044 | 5.000 % | BWOW | Salt | G3CB09 |
| PF-151 | 30.00% % | BWOB | Calcium Carbonate | MFT-M20002041 |
| PF-020 | 2.00% % | BWOB | Bentonite Gel | Bulk |
| PF-606 | 0.70% % | BWOB | Fluid Loss | GS20121C01 26 |
| PF-065 | 0.10% | BWOB | Dispersant | 04110 |
| PF-153 | 0.10% | BWOB | Anti Settling Agent | |
| PF-045 | 0.400 lb/sk | BWOB | Defoamer | 201304AC |
| PF-013 | 0.20% % | BWOB | Retarder | MM02C-2752BK |

Rheology (Average Readings)

| Temp | 3 | 6 | 100 | 200 | 300 | PV | YP |
|--------|------|------|-------|-------|-----|--------|-------|
| 80 °F | 6.5 | 9.5 | 55 | 96.5 | 136 | 121.5 | 14.5 |
| 167 °F | 30.5 | 42.5 | 101.5 | 143.5 | 180 | 117.75 | 62.25 |

Thickening Time

| Temp | POD | 30 Bc | 50 Bc | 70 Bc | 100 Bc | Batch Time |
|--------|------|-------|-------|-------|--------|------------|
| 167 °F | 6:09 | 7:40 | 8:07 | 8:20 | | 0 |

Thickening Time does not include batch time.

Free Fluid

| Temp | Incl. | ml Collected | Start Time | Stop Time |
|--------|-------|--------------|------------|-----------|
| 167 °F | 45 | 0 ml/250 | 10:38 | 12:38 |

Fluid Loss

| Temp | PSI | ml Collected | Minutes | API (Calc) |
|--------|------|--------------|---------|------------|
| 167 °F | 1000 | 64 ml At 5 | | 314 |

Comments

