



U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Sundry Print Report

01/03/2022

| | | |
|--------------------------------|--|--|
| Well Name: FEDERAL 28 | Well Location: T25N / R9W / SEC 28 / NWSW / 36.36896 / -107.80042 | County or Parish/State: SAN JUAN / NM |
| Well Number: 2E | Type of Well: CONVENTIONAL GAS WELL | Allottee or Tribe Name: |
| Lease Number: NMSF078309 | Unit or CA Name: | Unit or CA Number: |
| US Well Number: 300452620500C2 | Well Status: Abandoned | Operator: EPIC ENERGY LLC |

Subsequent Report

Sundry ID: 2647145

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 12/06/2021

Time Sundry Submitted: 10:21

Date Operation Actually Began: 11/17/2021

Actual Procedure: Please find attached the P&A Procedure for the Federal 28 #2E.

SR Attachments

Actual Procedure

P_A_Federal_28_2E_20211206102104.pdf

| | | |
|--------------------------------|--|--|
| Well Name: FEDERAL 28 | Well Location: T25N / R9W / SEC 28 / NWSW / 36.36896 / -107.80042 | County or Parish/State: SAN JUAN / NM |
| Well Number: 2E | Type of Well: CONVENTIONAL GAS WELL | Allottee or Tribe Name: |
| Lease Number: NMSF078309 | Unit or CA Name: | Unit or CA Number: |
| US Well Number: 300452620500C2 | Well Status: Abandoned | Operator: EPIC ENERGY LLC |

Operator Certification

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: SHAWNA MARTINEZ**Signed on:** DEC 06, 2021 10:21 AM**Name:** EPIC ENERGY LLC**Title:** Regulatory Tech**Street Address:** 332 RD 3100**City:** AZTEC**State:** NM**Phone:** (505) 327-4892**Email address:** SHAWNA@WALSHENG.NET**Field Representative****Representative Name:****Street Address:****City:****State:****Zip:****Phone:****Email address:****BLM Point of Contact****BLM POC Name:** KENNETH G RENNICK**BLM POC Title:** Petroleum Engineer**BLM POC Phone:** 5055647742**BLM POC Email Address:** krennick@blm.gov

Epic Energy, LLC

Federal 28 #2E

Date Completed 12/2/2021

| Plug # | Formation | BLM Pick Formation Top | Perfs | CICR Depth | Cement Detail | Cement Plug Depths | Plug Position |
|--------|----------------------|------------------------|---------------|------------|--|--------------------|----------------|
| 1 | Dakota | 6338' | 6388' - 6412' | 6339' | 16sx Type III cement w/ 1% CaCl ₂ (22cuft, 3.9bbl, 1.37yld, 14.6ppg, 6.67gps) | 6194' - 6339' | Inside |
| 2 | Gallup | 5343' | 5366' - 5634' | 5293' | 29sx Type III cement w/ 2% CaCl ₂ (39.7cuft, 7bbl, 1.37yld, 14.6ppg, 6.67gps) | 5143' - 5634' | Inside |
| 3 | Mancos | 4602' | N/A | N/A | 13sx Type III cement w/ 2% CaCl ₂ (17.8cuft, 3.2bbl, 1.37yld, 14.6ppg, 6.67gps) | 4498' - 4658' | Inside |
| 4 | Mesaverde | 3525' | N/A | N/A | 13sx Type III cement w/ 2% CaCl ₂ (17.8cuft, 3.2bbl, 1.37yld, 14.6ppg, 6.67gps) | 3349' - 3576' | Inside |
| 5 | Chacra | 2294' | N/A | N/A | 20sx Type III cement w/ 2% CaCl ₂ (27.4cuft, 4.9bbl, 1.37yld, 14.6ppg, 6.67gps) | 2095' - 2354' | Inside |
| 6 | Fruitland/PC | 1636'/1860' | N/A | N/A | 25sx Type III cement (34.25cuft, 6.12bbl, 1.37yld, 14.6ppg, 6.67gps) | 1536' - 1913' | Inside |
| 7 | Ojo Alamo/Kirtland | 1015' | N/A | N/A | 10sx Type III cement (13.7cuft, 2.45bbl, 1.37yld, 14.6ppg, 6.67gps) | 910' - 1064' | Inside |
| 8 | Surface (Nacimiento) | Surface | 300' | N/A | 134sx Type III cement (184cuft, 32.8bbl, 1.37yld, 14.6ppg, 6.67gps) | Surface - 300' | Inside/Outside |
| | | | | | | | |

WALSH ENGINEERING & PRODUCTION CORPORATION

WORKOVER AND COMPLETION REPORT

| | | | |
|-----------------------|---|-------------------|------------------|
| Operator: | EPIC Energy | Well Name: | Federal 28 #2E |
| Date: | 17-Nov-21 | Report #: | 1 |
| | | API: | 30-045-26205 |
| Field: | Dakota / Gallup | Location: | L-28, T25N, R9W |
| | | County: | San Juan |
| | | State: | NM |
| Contractor: | Drake Well Service rig #32 | | Russell McQuitty |
| Daily Summary: | MIRU. Found parted tbg. Schedule fishing tools. SDON. | | |

Detailed Work Summary:

SICP/SITP=0psi upon arrival, BH=0psi. MIRU from Federal 20 #1E. All surface equipment has been removed from location, meter run/house remains. ND wellhead bonnet, pulled tbg hanger to verify tbg is free, wt indicator only shows 10K of tbg weight, reset hanger, NU 8-5/8" companion flange and BOP. Found tbg hanger would not come through BOP, ND BOP & flange, pull hanger, strip flange and BOP over tbg stick up, NU BOP. Tally out of well with 88jts of 2-3/8" tbg and a 22' jt that was corroded through (Fluid level was at 54jts, ~1725'). Tbg was corroded through at 2821'KB. Discussed with EIC. Scheduled fishing tools for tomorrow morning. Secured well & SDON. Rig crew off location at 1500hrs. High Tech Trucking delivered rig pit/pump, wash-up pit/frac tank from Mobile Apache #10 previously, filled 400bbbls upright with fresh water.

| | |
|----------------------------|--------------------|
| Daily Costs: | |
| Road & Location | |
| Rig Costs | \$2,920 DWS |
| Equipment Rental (Air pkg) | |
| Logging & Perforating | |
| Stimulation | |
| Pump truck | |
| Cementing | |
| Completion Fluids | |
| Chemical (15% HCl) | |
| Water Hauling | \$1,500 High Tech |
| Wellsite Supervision | \$1,050 Walsh |
| Rig Move Mob-In | \$3,242 High Tech |
| Trucking | |
| Tubulars | |
| Wellhead Equipment | |
| Subsurface Equipment | |
| Artificial Lift Equipment | |
| Sucker Rods | |
| Tanks | |
| Hot Oiler | |
| Propane | |
| Installation/Labor | |
| Fittings, Valves, Etc.. | |
| High Tech Rentals | |
| Misc Rentals | \$175 (Tri-Energy) |
| Total Daily Costs | \$8,887 |
| Cumulative Costs | \$8,887 |

Well Record

| | | | | | | | |
|---------------|---------------|-------------|--------|--------|-----|---|-------|
| TD: | 6541' KB | Ran in well | | | | | |
| PBTD: | 6480' KB | Tubing | 2-3/8" | Joints | | Grade | J-55 |
| Casing Size: | 4-1/2", 10.5# | Wt | 4.7 | Thread | EUE | Length | |
| KB | 13' KB | TAC | | | | Length | |
| | | SN | | | | Length | |
| Glp Perfs: | 5366' - 5634' | MA | | | | Length | |
| | | | | | | Top of tbg to KB | 13.00 |
| Dakota Perfs: | 6388' - 6412' | | | | | Bottom of Tubing/Production String Landed at: | 13.00 |
| | | Rods | | Size | | | |
| | | Rods | | Size | | | |
| | | Rods | | Size | | | |
| | | Rods | | Size | | | |
| | | Rods | | Size | | | |
| | | Rods | | Size | | | |
| | | Pony | | | | | |

WALSH ENGINEERING & PRODUCTION CORPORATION

WORKOVER AND COMPLETION REPORT

| | | | |
|-------------|----------------------------|------------|------------------|
| Operator: | EPIC Energy | Well Name: | Federal 28 #2E |
| Date: | 18-Nov-21 | Report #: | 2 |
| | | API: | 30-045-26205 |
| Field: | Dakota / Gallup | Location: | L-28, T25N, R9W |
| | | County: | San Juan |
| | | State: | NM |
| Contractor: | Drake Well Service rig #32 | | Russell McQuitty |

Daily Summary: Fishing parted tbg. Have recovered approx 40' of severely corroded tbg after 2 runs. In well to attempt 3rd in am. Shut in and SDON.

Detailed Work Summary:
SICP/SITP=0psi upon arrival, BH=0psi. Spotted High Tech Tbg rail trailer. Double S delivered 36jts of 2-3/8" tbg, Select Oil Tools on location with fishing tools. Top of fish calculated at approx 2840'+/-. Picked up overshot with grapple, 3' extension & 7' washover pipe, RIH on 2-3/8" tbg. Encountered what feels like scale on csg F/ 2820' - T/ 2921'. Worked tools up/down and would clean up then encounter more and work again. Could not work passed 2921'. RU pump and pumped 50bbls of fluid to circulate csg, less than 50% returns. Calculated capacity from fluid level found on tbg (1725') is 25bbls. Circulated and worked tools, could not feel catch, could not proceed passed 2921'. TOH w/ tools to inspect. No recovery, no evidence of fish entering overshot/grapple. Run back in with same assembly, tagged at 2921', picked up power swivel. Est circ with 30bbls, swiveled down to tag, worked through tight spot, came down approx 5' and pump pressure increased, picked up, pump pressure remained, no additional weight, shut down pump walked back to stack out. TOH w/ tools. Recovered approx 40' of tbg, severely corroded. Approx 30' stick up above next collar looking up as TOF at 2955'KB (Collar at 2985'+/-). Picked up extra extensions/washpipe (32'), RIH with over shot, grapple and extensions on 2-3/8" tbg. Too dark to continue. Stopped 5 stds short of TOF. Shut in well & SDON.

| | |
|----------------------------|-----------------------------|
| Daily Costs: | |
| Road & Location | |
| Rig Costs | \$3,802 DWS |
| Equipment Rental (Air pkg) | |
| Logging & Perforating | |
| Stimulation | |
| Pump truck | |
| Cementing | |
| Completion Fluids | |
| Chemical (15% HCl) | |
| Water Hauling | |
| Wellsite Supervision | \$1,055 Walsh |
| Rig Move Mob-In | |
| Trucking | \$1,200 High Tech/ Double S |
| Tubulars | |
| Wellhead Equipment | |
| Subsurface Equipment | |
| Artificial Lift Equipment | |
| Sucker Rods | |
| Fishing Tools | \$4,525 Select Oil |
| Hot Oiler | |
| Propane | |
| Installation/Labor | |
| Fittings, Valves, Etc.. | |
| Tbg Float/ Tbg trailer | \$50 High Tech/Double S |
| Misc Rentals | \$25 (Tri-Energy) |
| Total Daily Costs | \$10,657 |
| Cumulative Costs | \$19,544 |

Well Record

| | | | | | | | |
|---------------|---------------|---|--------|--------|-----|--------|-------|
| TD: | 6541' KB | Ran in well | | | | | |
| PBTD: | 6480' KB | Tubing | 2-3/8" | Joints | | Grade | J-55 |
| Casing Size: | 4-1/2", 10.5# | Wt | 4.7 | Thread | EUE | Length | |
| KB | 13' KB | TAC | | | | Length | |
| | | SN | | | | Length | |
| Glp Perfs: | 5366' - 5634' | MA | | | | Length | |
| | | Top of tbg to KB | | | | | 13.00 |
| Dakota Perfs: | 6388' - 6412' | Bottom of Tubing/Production String Landed at: | | | | | 13.00 |
| | | Rods | | Size | | | |
| | | Rods | | Size | | | |
| | | Rods | | Size | | | |
| | | Rods | | Size | | | |
| | | Rods | | Size | | | |
| | | Rods | | Size | | | |
| | | Pony | | | | | |

WALSH ENGINEERING & PRODUCTION CORPORATION

WORKOVER AND COMPLETION REPORT

| | | | | | | | |
|----------------|---|------------|------------------|---------|--------------|--------|----|
| Operator: | EPIC Energy | Well Name: | Federal 28 #2E | | | | |
| Date: | 19-Nov-21 | Report #: | 3 | API: | 30-045-26205 | | |
| Field: | Dakota / Gallup | Location: | L-28, T25N, R9W | County: | San Juan | State: | NM |
| Contractor: | Drake Well Service rig #32 | | Russell McQuitty | | | | |
| Daily Summary: | Fishing parted tbg. Have recovered approx 100' of severely corroded tbg after 4 runs. Shut in and SDFW. | | | | | | |

Detailed Work Summary:

SICP/SITP=0psi upon arrival, BH=0psi. Currently in hole with extensions/washpipe (32'), over shot, grapple, string wt at ~10K. TOF calculated at 2955'KB. Complete TIH, picked up power swivel and RU pump. Broke circulation almost immediately, tagged at 2910' and had to swivel to top of fish at 2955' (acts like scale), had good circulation until rotated passed 2910' & lost circulation then retruned at approx 25%. Engage TOF & worked into extension down to tbg collar, engaged grapple over collar, pulled up to 20K, down to 15K, up to 35K incrementally, tbg popped, lost wt, back to 10K. TOH, recovered 31' of rotted tbg. Found grapple & control broke, replaced and RIH with same assembly, started displacing fluid with 9stds remaining. Engage fish while rotating and circulating. Pulled to 45K incrementally and broke lose, back to 10K wt. TOH. Recovered approx 30' of rotted tbg (top of fish now at 3017'). Discussed w/ fishing hand & EIC, sent message to BLM personnel for options, no replies from BLM engineers yet. Picked up same assembly and RIH 6stds above top of fish. Shut in well & SDFW. Plan to engage parted tbg & attempt to run wireline to cut-off tbg (cut-off depth depending on wireline results) on Monday morning. Pumped 400bbls of water, recovered approx 100bbls. High Tech Trucking delivered an additional 270bbls this afternoon. Wash pipe, DC's, Jars delivered to location if needed.

| | | | |
|----------------------------|-------------------------------|---------------------------|----------|
| Daily Costs: | | | |
| Road & Location | | Tubulars | |
| Rig Costs | \$3,300 | Wellhead Equipment | |
| Equipment Rental (Air pkg) | | Subsurface Equipment | |
| Logging & Perforating | | Artificial Lift Equipment | |
| Stimulation | | Sucker Rods | |
| Pump truck | | Fishing Tools | \$4,100 |
| Cementing | | Hot Oiler | |
| Completion Fluids | | Propane | |
| Chemical (15% HCl) | | Installation/Labor | |
| Water Hauling | \$700 | Fittings, Valves, Etc.. | |
| Wellsite Supervision | \$1,055 | Tbg Float/ Tbg trailer | \$50 |
| Rig Move Mob-In | | Misc Rentals | \$25 |
| Trucking | Delivered jars, DC's, Washpip | | |
| | \$300 | | |
| | | Total Daily Costs | \$9,530 |
| | | Cumulative Costs | \$29,074 |

Well Record

| | | | | | | | |
|---------------|---------------|-------------|--------|--------|-----|---|-------|
| TD: | 6541' KB | Ran in well | | | | | |
| PBTD: | 6480' KB | Tubing | 2-3/8" | Joints | | Grade | J-55 |
| Casing Size: | 4-1/2", 10.5# | Wt | 4.7 | Thread | EUE | Length | |
| KB | 13' KB | TAC | | | | Length | |
| | | SN | | | | Length | |
| Glp Perfs: | 5366' - 5634' | MA | | | | Length | |
| | | | | | | Top of tbg to KB | 13.00 |
| Dakota Perfs: | 6388' - 6412' | | | | | Bottom of Tubing/Production String Landed at: | 13.00 |
| | | Rods | | Size | | | |
| | | Rods | | Size | | | |
| | | Rods | | Size | | | |
| | | Rods | | Size | | | |
| | | Rods | | Size | | | |
| | | Rods | | Size | | | |
| | | Pony | | | | | |

WALSH ENGINEERING & PRODUCTION CORPORATION

WORKOVER AND COMPLETION REPORT

Operator: **EPIC Energy** Well Name: **Federal 28 #2E**
 Date: **22-Nov-21** Report #: **4** API: **30-045-26205**
 Field: **Dakota / Gallup** Location: **L-28, T25N, R9W** County: **San Juan** State: **NM**
 Contractor: **Drake Well Service rig #32** Russell McQuitty

Daily Summary: *Attempted wireline entry, no success. Straight pulled tbg to 57K, recovered most of tbg, will complete TOH tomorrow morning.*

Detailed Work Summary:

SICP/SITP=0psi upon arrival, BH=0psi. Currently in w/extensions/washpipe (32'), over shot, grapple, string wt at ~10K. TOF calculated at 3017'KB. Complete TIH, picked up power swivel and RU pump. Broke circulation with 40bbls, worked overshot over fish top and down to next tbg collar. Grapple engaged tbg collar at 3048', pull over to 25K. RD power swivel, RU TWG wireline. Picked up 1.5" spear, wt bar & 2' slide jars. RIH, went through top of fish easily then tagged at 3090', worked tools down to 3115' with not much trouble. Worked at 3115' for awhile then went through making approx 30', slight overpull on pick up. Worked tools to 3218' fairly easily with only slight overpull then tools became stuck. Worked tools from stack out to 1500lbs (neutral wt 600lbs), moved tbg from 15K to 25K, no help. Begin pulling to 2700lbs on wireline and jarring down, no luck. Discussed options. Pulled to neutral on wireline, jarred tbg down from 25K to 15K two times and wireline tools came free. Come out with tools, no obvious signs of what had tools stuck. RD wireline. Straight pulled tbg to 30K- 35K- 45K - 55K, and jarring down to 15-30K, no movement. Had slight bobble at approx 52K on one pull then felt again at 55K, worked pipe several minutes. Clutch slipping on rig, tied back. Pulled to 57K and pipe skipped up hole, worked pipe and starting pulling free. LD 3 jts and was showing 15K increase in wt indicator. TOH w/tbg & fishing tools. LD 26jts & tbg full of water, RUTS, made 1 run, stack out 1500' from surface, continue TOH. Recovered 63jts of tbg. Encountered fluid in tbg again. Too late to continue, added 1jt to tbg string for overnight freeze. Secured well & SDON.

Daily Costs:

| | | | | | |
|-------------------------------|---------|---------------------|---------------------------|-----------------|--------------------|
| Road & Location | | | Tubulars | | |
| Rig Costs | \$3,766 | DWS | Wellhead Equipment | | |
| Equipment Rental (Air pkg) | | | Subsurface Equipment | | |
| Logging & Perforating | \$4,033 | TWG | Artificial Lift Equipment | | |
| Stimulation | | | Sucker Rods | | |
| Pump truck | | | Fishing Tools | \$2,908 | Select Oil |
| Cementing | | | Hot Oiler | | |
| Completion Fluids | | | Propane | | |
| Chemical (15% HCl) | | | Installation/Labor | | |
| Water Hauling | | High Tech | Fittings, Valves, Etc.. | | |
| Wellsite Supervision | \$1,055 | Walsh | Tbg Float/ Tbg trailer | \$75 | High Tech/Double S |
| Rig Move Mob-In | | | Misc Rentals | \$25 | (Tri-Energy) |
| Trucking | | High Tech/ Double S | | | |
| Delivered jars, DC's, Washpip | | | | | |
| | | | Total Daily Costs | \$11,862 | |
| | | | Cumulative Costs | \$40,936 | |

Well Record

| | | | | | |
|---------------|---------------|---|--------|--------|--------|
| TD: | 6541' KB | Ran in well | | | |
| PBTD: | 6480' KB | Tubing | 2-3/8" | Joints | Grade |
| Casing Size: | 4-1/2", 10.5# | Wt | 4.7 | Thread | EUE |
| KB | 13' KB | TAC | | | Length |
| | | SN | | | Length |
| | | MA | | | Length |
| Glp Perfs: | 5366' - 5634' | Top of tbg to KB | | | |
| | | Bottom of Tubing/Production String Landed at: | | | |
| Dakota Perfs: | 6388' - 6412' | | | | 13.00 |
| | | Rods | | Size | |
| | | Rods | | Size | |
| | | Rods | | Size | |
| | | Rods | | Size | |
| | | Rods | | Size | |
| | | Rods | | Size | |
| | | Pony | | | |

WALSH ENGINEERING & PRODUCTION CORPORATION

WORKOVER AND COMPLETION REPORT

Operator: **EPIC Energy** Well Name: **Federal 28 #2E**
Date: **23-Nov-21** Report #: **5** API: **30-045-26205**
Field: **Dakota / Gallup** Location: **L-28, T25N, R9W** County: **San Juan** State: **NM**
Contractor: **Drake Well Service rig #32** Russell McQuitty
Daily Summary: **Completed TOH w/ full recovery. Round trip mill. Set CICR at 6339'KB**

Detailed Work Summary:
SICP/SITP=0psi upon arrival, BH=0psi. Made 1 swab run to ~1200' from surface. Completed TOH w/ 2-3/8" tbg, full recovery of fish. (total tbg=195jts plus several corroded pieces, SN and 15' mud jt on bottom, EOT was at 6459'KB). Broke down fishing tools and loaded on trailer. Picked up a 3-7/8" twister bit, 4-1/2" csg string mill, bit sub, SN and TIH on 200jts of 2-3/8" tbg and run to 6394'KB. Found csg rough between 2875' - 3200', worked area & smoothed out. TOH w/ mill. Picked up a 4-1/2" CICR & RIH on 198jts & 10' pup. Set CICR at 6339'KB (DK perfs F/ 6388' - T/ 6412'), attempted to test tbg, no test. Made final movement and sting out of retainer, sting back in. Dropped standing valve, no test. Secured well & SDON. Plan to let fluid fall & TOH to fluid level, retest and proceed as necessary. Received additional 80jts (125jts total of YB) of 2-3/8" tubing today.

Daily Costs:

| | | | | | |
|----------------------------|--------------------------------|--------------|---------------------------|-----------------|--------------------|
| Road & Location | | | Tubulars | | |
| Rig Costs | \$3,900 | DWS | Wellhead Equipment | | |
| Equipment Rental (Air pkg) | | | Subsurface Equipment | | |
| Logging & Perforating | | TWG(est) | Artificial Lift Equipment | | |
| Stimulation | | | Sucker Rods | | |
| Pump truck | | | Fishing Tools | \$4,000 | Select Oil(est) |
| Cementing | | | Hot Oiler | | |
| Completion Fluids | | | Propane | | |
| Water removal | \$300 | Three Rivers | Installation/Labor | | |
| Water Hauling | | High Tech | Fittings, Valves, Etc.. | | |
| Wellsite Supervision | \$1,055 | Walsh | Tbg Float/ Tbg trailer | \$75 | High Tech/Double S |
| Rig Move Mob-In | | | Misc Rentals | \$25 | (Tri-Energy) |
| Trucking | Delivered jars, DC's, Washpipe | \$640 | High Tech/ Double S | | |
| | | | Total Daily Costs | \$9,995 | |
| | | | Cumulative Costs | \$50,931 | |

Well Record

| | | | | | | | |
|---------------|---------------|---|--------|--------|-----|--------|-------|
| TD: | 6541' KB | Ran in well | | | | | |
| PBTD: | 6480' KB | Tubing | 2-3/8" | Joints | | Grade | J-55 |
| Casing Size: | 4-1/2", 10.5# | Wt | 4.7 | Thread | EUE | Length | |
| KB | 13' KB | TAC | | | | Length | |
| | | SN | | | | Length | |
| | | MA | | | | Length | |
| Glp Perfs: | 5366' - 5634' | Top of tbg to KB | | | | | |
| | | Bottom of Tubing/Production String Landed at: | | | | | |
| Dakota Perfs: | 6388' - 6412' | | | | | | 13.00 |
| | | | | | | | 13.00 |
| | | Rods | | Size | | | |
| | | Rods | | Size | | | |
| | | Rods | | Size | | | |
| | | Rods | | Size | | | |
| | | Rods | | Size | | | |
| | | Rods | | Size | | | |
| | | Pony | | | | | |

WALSH ENGINEERING & PRODUCTION CORPORATION

WORKOVER AND COMPLETION REPORT

Operator: EPIC Energy **Well Name:** Federal 28 #2E
Date: 24-Nov-21 **Report #:** 6 **API:** 30-045-26205
Field: Dakota / Gallup **Location:** L-28, T25N, R9W **County:** San Juan **State:** NM
Contractor: Drake Well Service rig #32 Russell McQuitty
Daily Summary: P/T tbg. Pump DK plug, TOH w/ 18jts plugged tbg.. SD for Thanksgiving Holiday.

Detailed Work Summary:
SICP=light vacuum/SITP=light blow upon arrival, BH=0psi. TOH w/ 6stds and found fluid level, RU pump and test tbg to 1100psi, good test, run back in 2stds at a time testing to 1100psi, no hole found in tbg, retrieved standing valve. RU Drake cementing, Established circ with ~ 35bbls of water, circulate around w/ ~70bbls water. Sting into retainer, est inj rate of 1bpm at 1000psi. M&P 16sx of Type III cement (22cuft, 3.9bbl, 1.37yld, 14.6ppg), displaced w/ 20.5bbl water, sting out, complete disp w/ 3bbl (total of 23.5bbl). LD 6jts & 10' sub, TOH w/ 5stds & found tbg full of water. RU to tbg and pressured out to 1200psi, tbg plugged, EOT at 5824'KB. RUTS, one run to 2000', swabbed fluid out. TOH to EOT ~4500', made 2 runs to clear fluid. Complete TOH. Found 18jts (578'), SN & stinger assembly full of hard cement, approx 9sx capacity. Picked up 2' tagging sub and RIH on 18 replacement jts of 2-3/8" tbg. Secured well and SD for Thanksgiving weekend. Plan to tag cement top and proceed as necessary on Monday 11/29/21. BLM witness, Clay Yazzie, on location to witness/approve procedures and plugs.

| | | | | | |
|----------------------------|---------|---------------------|---------------------------|----------|--------------------|
| Daily Costs: | | | | | |
| Road & Location | | | Tubulars | | |
| Rig Costs | \$3,384 | DWS | Wellhead Equipment | | |
| Equipment Rental (Air pkg) | | | Subsurface Equipment | | |
| Logging & Perforating | | TWG(est) | Artificial Lift Equipment | | |
| Stimulation | | | Sucker Rods | | |
| Pump truck | | | Fishing Tools | | |
| Cementing | \$5,400 | Drake(est) | Hot Oiler | | |
| Completion Fluids | | | Propane | | |
| Chemical (15% HCl) | | | Installation/Labor | | |
| Water Hauling | \$600 | High Tech | Fittings, Valves, Etc.. | | |
| Wellsite Supervision | \$1,055 | Walsh | Tbg Float/ Tbg trailer | \$75 | High Tech/Double S |
| Rig Move Mob-In | | | Misc Rentals | \$25 | (Tri-Energy) |
| Trucking | | High Tech/ Double S | | | |
| | | | Total Daily Costs | \$10,539 | |
| | | | Cumulative Costs | \$61,470 | |

Well Record

| | | | | | |
|---------------|---------------|---|--------|--------|--------|
| TD: | 6541' KB | Ran in well | | | |
| PBTD: | 6480' KB | Tubing | 2-3/8" | Joints | Grade |
| Casing Size: | 4-1/2", 10.5# | Wt | 4.7 | Thread | EUE |
| KB | 13' KB | TAC | | | Length |
| Glps Perfs: | 5366' - 5634' | SN | | | Length |
| | | MA | | | Length |
| Dakota Perfs: | 6388' - 6412' | Top of tbg to KB | | | 13.00 |
| | | Bottom of Tubing/Production String Landed at: | | | 13.00 |
| | | Rods | | Size | |
| | | Rods | | Size | |
| | | Rods | | Size | |
| | | Rods | | Size | |
| | | Rods | | Size | |
| | | Rods | | Size | |
| | | Pony | | | |

WALSH ENGINEERING & PRODUCTION CORPORATION

WORKOVER AND COMPLETION REPORT

| | | | | | | | |
|--|----------------------------|------------|------------------|---------|--------------|--------|----|
| Operator: | EPIC Energy | Well Name: | Federal 28 #2E | | | | |
| Date: | 29-Nov-21 | Report #: | 7 | API: | 30-045-26205 | | |
| Field: | Dakota / Gallup | Location: | L-28, T25N, R9W | County: | San Juan | State: | NM |
| Contractor: | Drake Well Service rig #32 | | Russell McQuitty | | | | |
| Daily Summary: Tag DK plug 6194'. TOH, PU CICR, set at 5293'KB, pump GIp (29sx), TOH. Run CBL. | | | | | | | |

Detailed Work Summary:

SICP=light vacuum upon arrival. TIH w/ a total of 194jts of 2-3/8" tbg w/ tag sub on bottom, tagged 6' out on jt #194, tagged TOC at 6194'KB, discussed with BLM personnel on loc, tag is good. LD 2ea tag jts and 27jts of tbg. Stand back 82std & one single. PU CICR. TIH on 165jts of 2-3/8" tubing and a 10' sub. Set CICR at 5293.89'KB. Est inj rate w/ 21bbls at 2bpm @ 500psi. Stung out, loaded csg w/ 12bbls of water, circ clean. Closed csg and P/T to 520psi, falling at 26psi/min, no test. Sting into retainer. M&P Gallup plug, 29sx of Type III cement w/ 1% CaCl2 (39.7cuft, 7bbl, 1.37yld, 14.6ppg), displaced w/ 18.5bbl water, stung out and completed displacement w/ 1bbl of water. Balanced at 1300hrs. LD 4jts and TOH with 10' tbg sub, 80stds & 1 single of 2-3/8" tbg and stinger. RU TWG wireline. Run CBL F/ 5138' - T/ Surface. Found TOC at approx 300' behind csg with good bond below. RD TWG. Secure well & SDON. Plan to run in hole for tag and continue with inside plugs tomorrow. Clay Yazzie (BLM) on location to witness/approve procedures and plugs.

| | | | | | |
|----------------------------|---------|------------------------|---------------------------|----------|--------------------|
| Daily Costs: | | | | | |
| Road & Location | | | Tubulars | | |
| Rig Costs | \$3,447 | DWS | Wellhead Equipment | | |
| Equipment Rental (Air pkg) | | | Subsurface Equipment | | |
| Logging & Perforating | \$2,881 | TWG(est) | Artificial Lift Equipment | | |
| Stimulation | | | Retainer | \$1,500 | Select |
| Pump truck | | | Fishing Tools | | |
| Cementing | \$5,585 | Drake(est) | Hot Oiler | | |
| Completion Fluids | | | Propane | | |
| Chemical (15% HCl) | | | Installation/Labor | | |
| Water Hauling | \$300 | High Tech/Three Rivers | Fittings, Valves, Etc.. | | |
| Wellsite Supervision | \$1,055 | Walsh | Tbg Float/ Tbg trailer | \$75 | High Tech/Double S |
| Rig Move Mob-In | | | Misc Rentals | \$25 | (Tri-Energy) |
| Trucking | | High Tech/ Double S | | | |
| | | | Total Daily Costs | \$14,868 | |
| | | | Cumulative Costs | \$76,338 | |

Well Record

| | | | | | |
|---------------|---------------|---|--------|--------|--------|
| TD: | 6541' KB | Ran in well | | | |
| PBTD: | 6480' KB | Tubing | 2-3/8" | Joints | Grade |
| Casing Size: | 4-1/2", 10.5# | Wt | 4.7 | Thread | EUE |
| KB | 13' KB | TAC | | | Length |
| | | SN | | | Length |
| | | MA | | | Length |
| Glp Perfs: | 5366' - 5634' | Top of tbg to KB | | | |
| | | 13.00 | | | |
| Dakota Perfs: | 6388' - 6412' | Bottom of Tubing/Production String Landed at: | | | |
| | | 13.00 | | | |
| | | Rods | | Size | |
| | | Rods | | Size | |
| | | Rods | | Size | |
| | | Rods | | Size | |
| | | Rods | | Size | |
| | | Rods | | Size | |
| | | Pony | | | |

WALSH ENGINEERING & PRODUCTION CORPORATION

WORKOVER AND COMPLETION REPORT

| | | | | |
|-----------------------|---|-------------------|------------------|--|
| Operator: | EPIC Energy | Well Name: | Federal 28 #2E | |
| Date: | 1-Dec-21 | Report #: | 9 | API: 30-045-26205 |
| Field: | Dakota / Gallup | Location: | L-28, T25N, R9W | County: San Juan State: NM |
| Contractor: | Drake Well Service rig #32 | | Russell McQuitty | |
| Daily Summary: | Tag MV plug (3349'-3576'). LD tbg. Pump Chacra plug, WOC, tag (Chacra plug F/2095'-T/2354'). P/T csg, good. M&P FC/PC plug, M&P Ojo plug. LD all tbg. SDON. | | | |

Detailed Work Summary:

SICP=light vacuum upon arrival. TIH and tagged MV plug at 3349'KB, good tag. TOH, EOT at 2354'KB, establish circulation w/ 1bbl of water. Pressure test csg to 550psi, falling 30psi/minute, no test. M&P Chacra plug (F/2095'-T/2354') 20sx Type III cement w/ 2% CaCl2 (27.4cuft, 4.9bbl, 1.37yld, 14.6ppg), LD 12jts, reverse circulate clean, PUH 5 stds, WOC. RIH & tag at 2095'KB, good tag. TOH w/ EOT at 1913'KB. Est circulation, pressure test csg to 550psi, held 15 minutes, good test. M&P Pictured Cliffs/Fruitland plug (F/1536'-T/1913') 25sx Type III cement (34.25cuft, 6.1bbl, 1.37yld, 14.6ppg), balanced w/ 5.5bbls of water. TOH, EOT at 1064'. M&P Ojo Alamo plug(F/910'-T/1064') 10sx Type III cement (13.7cuft, 2.45bbl, 1.37yld, 14.6ppg), balanced w/ 3.5bbl of water. Complete TOH w/ tbg string. Prepared well for perforating, plumbed in 2" line for Braiden Head valve. Secure well & SDON. 195jts of original tbg on High Tech trailer to deliver to Cave Enterprise, 74jts of Epic workstring on Double S Trailer #226, 33jts of Epic workstring on trailer #225 (taking to Fed 29 #1 w/ rig). Plan to perforate at 310' and attempt to pump inside/outside surf plug tomorrow morning. Clay Yazzie (BLM) on location to witness/approve procedures and plugs.

| | | | | | |
|----------------------------|---------|------------------------|---------------------------|----------|--------------------|
| Daily Costs: | | | | | |
| Road & Location | | | Tubulars | | |
| Rig Costs | \$3,160 | DWS | Wellhead Equipment | | |
| Equipment Rental (Air pkg) | | | Subsurface Equipment | | |
| Logging & Perforating | | TWG(est) | Artificial Lift Equipment | | |
| Stimulation | | | Sucker Rods | | |
| Pump truck | | | Fishing Tools | | |
| Cementing | \$6,300 | Drake(est) | Hot Oiler | | |
| Completion Fluids | | | Propane | | |
| Chemical (15% HCl) | | | Installation/Labor | | |
| Water Hauling | \$600 | High Tech/Three Rivers | Fittings, Valves, Etc.. | | |
| Wellsite Supervision | \$1,055 | Walsh | Tbg Float/ Tbg trailer | \$75 | High Tech/Double S |
| Rig Move Mob-In | | | Misc Rentals | \$175 | (Tri-Energy) |
| Trucking | | High Tech/ Double S | | | |
| | | | Total Daily Costs | \$11,365 | |
| | | | Cumulative Costs | \$97,618 | |

Well Record

| | | | | | | | |
|---------------|---------------|-------------|--------|--------|-----|---|-------|
| TD: | 6541' KB | Ran in well | | | | | |
| PBTD: | 6480' KB | Tubing | 2-3/8" | Joints | | Grade | J-55 |
| Casing Size: | 4-1/2", 10.5# | Wt | 4.7 | Thread | EUE | Length | |
| KB | 13' KB | TAC | | | | Length | |
| | | SN | | | | Length | |
| Glp Perfs: | 5366' - 5634' | MA | | | | Length | |
| | | | | | | Top of tbg to KB | 13.00 |
| Dakota Perfs: | 6388' - 6412' | | | | | Bottom of Tubing/Production String Landed at: | 13.00 |
| | | Rods | | Size | | | |
| | | Rods | | Size | | | |
| | | Rods | | Size | | | |
| | | Rods | | Size | | | |
| | | Rods | | Size | | | |
| | | Rods | | Size | | | |
| | | Pony | | | | | |

WALSH ENGINEERING & PRODUCTION CORPORATION

WORKOVER AND COMPLETION REPORT

Operator: **EPIC Energy** Well Name: Federal 28 #2E
 Date: 2-Dec-21 Report #: 10 API: 30-045-26205
 Field: Dakota / Gallup Location: L-28, T25N, R9W County: San Juan State: NM
 Contractor: Drake Well Service rig #32 Russell McQuitty

Daily Summary: *Perf surf at 300'. Est inj rate, no communication at BH. Pump 120sx surf plug and top out annulus w/ 14sx. Weld on P&A marker. FINAL REPORT.*

Detailed Work Summary:

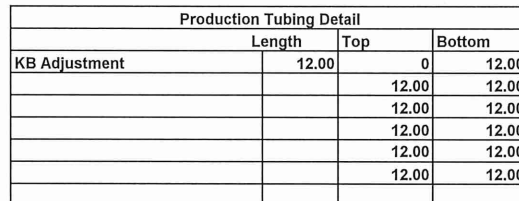
SICP=static upon arrival. RU TWG wireline, RIH and perforate 4-1/2" csg at 300'. RU Drake pump. Est inj rate at 1.5bpm at 400psi, no communication at BH valve. RU to pump down BH, annulus loaded with 1bbl and pressured up to 500psi, no reaction at 4-1/2" csg valve. Discussed options with BLM. Had to load more cement on bulk truck, back on location at 1200hrs. M&P 120sx of cement and bullhead down 4-1/2" csg, pressure climbed to 400psi, SD & hesitated a few times, pressure would fall to ~90psi and hold, bump back to 300psi. Shut in and wait for welder to arrive, approx 30 minutes. Attempted to bleed pressure from csg, cement flowing back. Shut in and hesitated an additional 1hr, opened csg, fell to 0psi, looks ok. Cut-off wellhead, Ran plumb-bob to 63' and found TOC in annulus, 4-1/2" standing full. Weld on P&A marker. Ran 1" trim and topped off with 14sx of cement. Total surface plug, 134sx of Type III cement(184cuft, 32.8bbl, 1.37yld, 14.6ppg). RD DWS #32 and moved to the Federal 29 #1. FINAL REPORT. 195jts of original tbq sent to Cave for inspection/credit. 74jts of Epic workstring sent back to Tuboscope, 33jts of Epic workstring taken to Federal 29 #1. Clay Yazzie (BLM) on location to witness/approve procedures and plugs.

Daily Costs:

| | | | |
|----------------------------|---------|---------------------------|------------------|
| Road & Location | | Tubulars | |
| Rig Costs | \$3,450 | Wellhead Equipment | |
| Equipment Rental (Air pkg) | | Subsurface Equipment | |
| Logging & Perforating | \$2,250 | Artificial Lift Equipment | |
| Stimulation | | Sucker Rods | |
| Pump truck | | Fishing Tools | |
| Cementing | \$9,000 | Hot Oiler | |
| Completion Fluids | | Propane | |
| Chemical (15% HCl) | | Installation/Labor | |
| Water Hauling | \$600 | Fittings, Valves, Etc.. | |
| Wellsite Supervision | \$1,055 | Tbg Float/ Tbg trailer | \$75 |
| Rig Move Mob-In | | Misc Rentals | \$175 |
| Trucking | \$600 | | |
| | | Total Daily Costs | \$17,205 |
| | | Cumulative Costs | \$114,823 |

Well Record

| | | | | | | | |
|---------------|---------------|-------------|--------|--------|-----|---|-------|
| TD: | 6541' KB | Ran in well | | | | | |
| PBTD: | 6480' KB | Tubing | 2-3/8" | Joints | | Grade | J-55 |
| Casing Size: | 4-1/2", 10.5# | Wt | 4.7 | Thread | EUE | Length | |
| KB | 13' KB | TAC | | | | Length | |
| | | SN | | | | Length | |
| Glp Perfs: | 5366' - 5634' | MA | | | | Length | |
| | | | | | | Top of tbq to KB | 13.00 |
| Dakota Perfs: | 6388' - 6412' | | | | | Bottom of Tubing/Production String Landed at: | 13.00 |
| | | Rods | | Size | | | |
| | | Rods | | Size | | | |
| | | Rods | | Size | | | |
| | | Rods | | Size | | | |
| | | Rods | | Size | | | |
| | | Rods | | Size | | | |
| | | Pony | | | | | |

[illegible][illegible]

| | |
|-----------------------------|----------------------|
| Pumping Unit: _____ | Gear Sheave: _____ |
| API Designation: _____ | Stroke Length: _____ |
| Samson Post SN: _____ | Gear Ratio: _____ |
| Gear Box SN: _____ | SPM: _____ |
| Structural Unbalance: _____ | Horse Power: _____ |
| Power: _____ | Volts: _____ |
| Power SN: _____ | Amps: _____ |
| Sheave Size: _____ | Belts: _____ |

District I

1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 69875

CONDITIONS

| | |
|--|--|
| Operator: EPIC ENERGY, L.L.C. 332 Road 3100 Aztec, NM 87410 | OGRID: 372834 |
| | Action Number: 69875 |
| | Action Type: [C-103] Sub. Plugging (C-103P) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|--|----------------|
| mkuehling | Flowback on casing when opened after 30 minute shut in waiting on welder to cutoff wellhead -squeezed - no flowback called it good cutoff wellhead immediately | 1/14/2022 |
| mkuehling | Missing Kirtland plug | 1/14/2022 |
| mkuehling | checked pressures all strings first day but at no other time was bradenhead checked | 1/14/2022 |