

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

Well Name: ARCO FED B COM	Well Location: T17S / R27E / SEC 26 / NWSW /	County or Parish/State: EDDY / NM
Well Number: 1	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM0558679	Unit or CA Name: ARCO FEDERAL B COM	Unit or CA Number: NMNM71873
US Well Number: 3001521047	Well Status: Producing Gas Well	Operator: SPUR ENERGY PARTNERS LLC

Accepted for record – NMOCD gc 2/3/2023

Subsequent Report

Sundry ID: 2712598

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 01/25/2023

Time Sundry Submitted: 12:18

Date Operation Actually Began: 12/06/2022

Actual Procedure: Please find post job report, BLM correspondence for changes and plugged WBD attached for your review. Thank you.

SR Attachments

Actual Procedure

Arco_B_Federal_Com_1_P_A_Summary_20230125121830.pdf

RE__EXTERNAL__Arco_B_Fed_Com_1_P_A_Question_20230125121830.pdf

Arco_B_Fed_Com_1_As_Plugged_WBD_20230125121830.pdf

Well Name: ARCO FED B COM

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Operator

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

Operator Electronic Signature: SARAH CHAPMAN

Signed on: JAN 25, 2023 12:18 PM

Name: SPUR ENERGY PARTNERS LLC

Title: Regulatory Directory

Street Address: 9655 KATY FREEWAY, SUITE 500

City: Houston

State: TX

Phone: (832) 930-8613

Email address: SCHAPMAN@SPUREPLLC.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: JAMES A AMOS

BLM POC Title: Acting Assistant Field Manager

BLM POC Phone: 5752345927

BLM POC Email Address: jamos@blm.gov

Disposition: Accepted

Disposition Date: 01/27/2023

Signature: James A. Amos

Start Date	End Date	Summary
12/6/2022	12/6/2022	AOL. PJSM. JSA's signed. Have Edge Safety, Pressure Services, AFS and McCullar & Son Welding on location. Have previously set CICR in 8 5/8" casing and tested. Had Hydro-vac pull water and debris from cellar to clean around broken 8 5/8" casing. Took 4 hours to clean debris out. RD hydro-vac truck. Had Welder cutoff bad piece of 8 5/8" casing and weld on extension riser to install new AFS 11" 3k wellhead. Had Edge Safety make hot work and confined space permits and check for LEL's before starting to cut and weld. Pressure tested welds to 500#. All welds look good. Installed 11" 3K x 7 1/16" x 3k Spool. Put fence around cellar. Ready for pulling unit to work on well. 2pm- Rig AOL, Waited For WRH rig mat, RM AOL, spot in WSU, stand by for 2 hrs due to high cross winds, RU Pulling Unit, Function Test BOP, good, NU BOP, Spot In Frac Tank, RU Laydown Machine, Unloaded WRH Tool Basket. Secure well and SDFN
12/7/2022	12/7/2022	AOL AND PJSM, WORKSTRING AOL, TBNG UNLOADED ON PIPE RACKS. TALLIED WS, R/U REVERSE UNIT, P/U AND M/U 7 7/8 ROCK BIT ON 4 3/4 DRILL COLLAR, SPOOL THAT WAS INSTALLED ON WH, ID 7 1/16 SMALL, NOTIFIED BILL YOUNG, ND SPOOL WITH BOP, ATTEMPTED TO TIH WITH BIT BUT TAGGED ON WELD INSIDE CASING WHERE WH WAS WELDED, FILED IT DOWN, TIH WITH BIT, NU BOP, P/U REST OF DRILL COLLARS, PICK UP 1 JNT AND CREW SDFL. CREW DONE WITH LUNCH, CONTINUE TO PICK UP WS, TAGGED CEMENT RETAINER @ 1581' 10' IN OF JNT #45, LD JNT, R/U SWIVEL WITH WASHINGTON HEAD, BRAKE CIRCULATION, STARTED DRILLING ON CEMENT AND 8 5/8CICR, SPM CIRCULATE HOLE CLEAN, DIDNT FINISHED DRILLING OUT CICR, WILL FINISHED IN THE AM, SECURE WELL AND SDFN RAN TBNG AS FOLLOW: 7 7/8 ROCK BIT, 4 1/2 BIT SUB, 6-4 3/4 DRILL COLLARS, TOP SUB, 45- 2 7/8 PH6
12/8/2022	12/8/2022	AOL AND PJSM, OPEN BOP, BRAKE CIRCULATION, CONTINUE TO DRILL OUT CICR, 9AM- FINISHED DRILLING OUT CEMENT RETAINER, WELL STARTED FLOWING OIL TO REVERSE PIT, SHUT WELL IN AND MONITOR PRESSURE, 60#, CONTINUE TO CIRCULATE, WELL BLED DOWN. RD SWIVEL AND CONTINUE TO P/U TBNG, PARTED 5 1/2 CASING ON PROCEDURE SHOWED TO BE @2,350', SLOWED DOWN WHEN WE WAS APPROACHING THIS DEPTH, DIDNT TAGGED NOTHING, NOTIFIED BILL YOUNG AND RYAN BARBER. CONTINUE TO P/U TBNG AND TAGGED @2,759' WITH 883 JNTS 8' IN, NOTIFIED ENGINEER, POOH WITH TBNG, LD 6-4 3/4 DRILL COLLARS. CREW SDFL, CREW DONE WITH LUNCH IMPRESSION BLOCK AOL. TIH WITH 7 1/2 IMP. BLOCK, TAGGED SAME PLACE WE TAGGED WITH DRILL BIT, POOH WITH TBNG TO CHECK MARKS.
12/9/2022	12/9/2022	AOL AND PJSM, 15# WH PRESSURE, BLED OFF, 7 5/8 SHOE (6 7/8 ID) AOL, CALIPER BHA, TIH WITH TBNG, TAGGED @ 2,759', RU SWIVEL, ESTABLISHED CIRCULATION, BBL IN/BBL OUT, WASH DOWN 1.5 FT, NOTIFIED BILL AND RYAN, PRESSURE ON PUMP RAISED 300#, DECISION MADE TO CHECK SHOE, RD SWIVEL AND POOH WITH TUBING. POOH WITH TBNG, CHECKED SHOE ID, DAMAGED 8" IN ON SHOE ID, WIRES DAMAGED, SEND PICTUREDS TO WELLTENDER, SECURE WELL AND SEND SHOE TO GET REBUILD. SDFN
12/10/2022	12/10/2022	AOL AND PJSM, NO PRESSURE ON WH, TIH WITH 7 5/8 REBUILD SHOE WITH 6 SETS OF WIRES, TOP BUSHING, X/O TO 2 7/8 PH6, TIH AND TAGGED AT 2759, RU SWIVEL AND ESTABLISHED CIRCULATION BBL IN/BBL OUT. STARTED ROTATING AND MADE 3', NOTIFIED BILL AND RYAN, DECISION TO POOH. CHECKED SHOE ID, DAMAGED FROM ID, SEND PHOTOS TO WELLTENDER, DECISION MADE TO TIH WITH IMPRESSION BLOCK, TAGGED AT 2,759 AND SET 16,000# IN LED BLOCK. POOH WITH TBNG TO CHECK LED BLOCK, HEAVY MARKINGS CLOSE TO EDGE OF IMPRESSION BLOCK, CALIPER MARKINGS, 3 21/32, MADE CALLS TO DIFFERENT PACKER HANDS, ALL OF THEM CONFIRM IT WAS PART OF THE BOTTOM CONE AND MANDREL ON CICR, CALL WRH TO SEND A SHORT CATCH O/S WITH A 3 21/32 SPIRAL GRAPPLE FOR MONDAY MORNING, SECURE WELL AND SDFN
12/12/2022	12/12/2022	AOL AND PJSM, NO PRESSURE IN WH, OVER SHOT AOL, CALIPERED BHA. TIH WITH 6 1/4 SHORT CATCH OVER SHOT WITH A 3 21/32 GRAPPLE, 89 JNTS TO SURFACE. TAGGED FISH AND WORKED ON IT, POOH AND CAME BACK EMPTY. NOTIFIED BILL AND RYAN, DECISION TO TBIH WITH SAME BHA, TAGGED FISH AND WORKED ON IT AND POOH. PULLED EMPTY AGAIN, DECISION MADE TO MAKE A BOX TAP FOR THE AM. CALLED WRH AND MADE A SPACIAL BOX TAP WITH 7 5/16 ID EVERY 9" IT TAPERES .226, SO AT 9" ID WILL BE 7 3/32(7.094) OUR THICKEST PART ON FISH IS 7 1/8, SECURE WELL AND SDFN
12/13/2022	12/13/2022	AOL AND PJSM, P/U AND M/U BOX TAP WITH 7 5/16 ID TAPERED TO 6 1/2 ON 20", TOP BUSHING, X/O TO 2 7/8 PH6, TAGGED, ROTATED TBNG WITH 36 PIPE WRENCH, FELT THROUGH 7", TOOK WEIGHT, SET 6,000# AND FELT THROUGH AGAIN 3", TOTAL OF 10", PULL UP AND DIDNT SEE NO BUBBLE ON WEIGHT INDICATOR, POOH TO CHECK BOX TAP. FINISHED POOH AND DIDNT CATCH FISH. NOTIFIED BILL AND RYAN, DECISION MADE TO TIH WITH JUNK MILL, P/U AND M/U 4 3/4 4 BLADED JUNK MILL, BIT SUB 2 7/8 REG BOX X 2 3/8 IF BOX, 6-3 1/2 DRILL COLLARS, TOP SUB 2 3/8 IF PIN X 2 7/8 PH6 BOX, 83 JNTS X 2 7/8 . R/U SWIVEL AND BROKE CIRCULATION, CREW SDFL WHILE CIRCULATING. TAGGED AND STARTED MILPLING, MILL 2" AND CHECKED RETURNS, FORMATION AND VERY LITTLE METAL, NOTIFIED BILL AND RYAN, DECISION MADE TO CONTINUE. MILL FOR 10" AND STARTED GETTING METAL SHAVINGS, MILL FOR 24" GETTING METAL SHAVINGS, CIRCULATE HOLE CLEAN, LD SWIVEL, POOH WITH 39 JNTS, EOT AT 1571', EOC 8 5/8 1,685' WERE 114' ABOBE EOC, SECURE WELL AND SDFN.

12/14/2022	12/14/2022	AOL AND PJSM, NO PRESSURE IN TBNG OR CASING. TBH WITH 38 JNTS X 2 7/8 PH6, P/U SWIVEL ON JNT #39, ESTABLISH CIRCULATION AND CONTINUE TO WASH DOWN. WASHED DOWN 4' 4" (WASH DOWN A TOTAL OF 7' IN 2 DAYS) LOT OF FORMATION AND NO METAL, NOTIFIED BILL AND RYAN, DECISION MADE TO POOH, CIRCULATED CLEAN, LD SWIVEL AND POOH WITH TBNG AND JUNK MILL SHOWED WORN CARBIDE BLADES AND SMOOTH CROWN WORN OUT ALSO. SEND PICTURE TO ENGINEERS, CREW SDFL, CREW SDFL, CREW DONE WITH LUNCH. P/U AND M/USHOE WITH 7 3/8 BODY, 7 5/8 ROUGH OD CROWN AND HEAVY MESH IN ID, TOP BUSHING DRESSED OFF WITH HEAVY MESH, TIH WITH DRILL COLLARS AND TBNG, TAGGED HIGH AT 2,761', P/U SWIVEL AND ESTABLISH CIRCULATION 2.5 BPM@ 200#, 70 RPM'S, STARTED MILLING FOR 10 MNTS, PICK UP AND MONITOR RETURNS, STARTED GETTING HEAVY SHAVINGS OF METAL, TESTED WITH MAGNET 100% CASING. CONTINUE TO MILL DOWN, MADE 30", PICK UP WEIGHT AND CIRCULATE CLEAN, LD SWIVEL AND POOH WITH 39 JNTS X 2 7/8 PH6 LEAVING SHOE AT 1576', 109' ABOVE EOC 8 5/8 SECURE WELL AND SDFN
12/15/2022	12/15/2022	AOL AND PJSM, NO PRESSURE IN WELLHEAD, TIH WITH 39 JNTS, RU SWIVEL AND TAGGED 5 1/2 CASING. ESTABLISH REVERSE CIRC. 2.5 BPM, 70 RPM'S ON SWIVEL, MILL DOWN 18", NOTIFIED RYAN AND BILL, DECISION MADE TO MILL 12" MORE. MADE 10" MILLING AND STOPPED MAKING HOLE, CIRCULATE HOLE CLEAN AND POOH WITH TBNG. SHOE WAS WORN OUT IN ID ALL CARBIDE WAS GONE, TOP BUSHING WAS WORN OUT TO FROM EDGES, DECISION MADE TO TIH WITH BIT. P/U AND M/U 4 3/4 ROCK BIT, AND DRILL COLLARS, TIH WITH TBNG, SLOW DOWN TO TOP OF 5 1/2 @ 2766', ROTATED TBNG WITH PIPE WRENCHES, WAS ABLE TO GET INSIDE, CONTINUE TO P/U TBNG, TAGGED AT 2814', RU SWIVEL AND BRAKE CIRCULATION, STARTED DRILLING ON CEMENT RETAINER BOTTOM CONE, CONTINUE TO DRILL DOWN TO 2830', 8' OIUT OF JNT #85, RECOVER HEAVY PARTS OF CICR,POOH WITH WITH TBNG ABOVE 8 5/8 TO 1,571' WHERE BIT IS AT. SECURE WELL AND SDFN, WILL HAVE A LATE START TOMORROW .
12/16/2022	12/16/2022	AOL AND PJSM, 0 PRESSURE ON TBNG AND CASING, POOH WITH TBNG, CHECKED BIT CONDITION, BIT WAS DAMAGED, HAD LOOSE CONES AND SKIRT SPLIT, PICTURES WERE SEND TO WELLTENDER. NOTIFIED ENGINEER AND BILL, DECISION MADE TO TIH WITH CONCAVE MILL, TIH WITH 4 3/4 CONCAVE MILL, DRILL COLLARS, TBNG TO SURFACE, TAG 5 1/2 CASNG, ROTATED IN, TAG CIBP, RU SWIVEL AND BROKE CIRCULATION, STARTED DRILLING PLUG, FELT THRU AT 2,833 AND CIRCULATE CLEAN, CONTINUE TO P/U TBNG AND TAGGED AT 3,125', BROKE CIRCULATION AND MILL FOR 10 MNTS, RD SWIVEL AND POOH WITH TBNG. FINISHED POOH, MILL HAD MARKINGS, SEND PICTURES TO BILL AND RYAN, SECURE WELL AND SDFN.
12/17/2022	12/17/2022	AOL AND PJSM, NO PRESSURE ON WH, P/U OVER SHOT AND BHA, INSTALLED 2 3/8 BASKED GRAPPLE. TAGGED FISH, ATTEMPTED TO LATCH IT, ROTATED AND WOULD NOT LATCH, NOTIFIED ENGINEER AND BILL, POOH WITH TBNG AND FISHING TOOL ASSEMBLY. FINISHED POOH, OVER SHOT HAD MARKINGS ON CUT LIP GUIDE, ROBERT (TOOL HAND) FIXED CUT LIP GUIDE WITH A FILE AND SMOOTH OUT MARKINGS, CHANGED GRAPPLE, TBH WITH 3 1/16 GRAPPLE, SAME BHA. TAG FISH, WORKED ON IT, NO LUCK, POOH WITH TBNG. CHECKED OVER SHOT, MARKS AGAIN ON CUT LIP GUIDE, NOTIFIED ENGINEER, SHOE DETAILS- 4 1/2 BODY WITH 4 5/8 SMOOTH OD CROWN AND MESH ID, 4' LONG, TOP BUSHING KUT-RITE ON BOTTOM TO DRESS FISH, DRILL COLLARS 6-3 1/2, TBNG, TIH AND LEFT SHOE INSIDE 8 5/8 CASING. SECURE WELL AND SDFN, WILL TIH WITH REST OF TBNG TO DRESS OFF FISH
12/18/2022	12/18/2022	AOL AND PJSM, NO PRESSURE ON TBNG AND CASING, TIH WITH REST OF TBNG, TAGGED FISH, RU SWIVEL, BROKE CIRCULATION, STARTED MILLING ON FISH, MILL FOR 30 MNTS AND DROPPED 4', FISH NOW ON TOP BUSHING, STARTED DRESSING OFF FISH, MADE 48" , RD SWIVEL AND POOH WITH TBNG, SHOE WIRES INSIDE WORN OUT DUE TO FISH BEING INSIDE, BUSHING CARBIDE WAS WORE OUT FROM DRESSING OFF FISH, CALIPER MARK ON BUSHING AND MEASURE 2 3/8, NOTIFIED BILL AND RYAN, TIH WITH 4 11/16 OVER SHOT WITH 2 3/8 BASKET GRAPPLE, BUMPER SUB, JARS, 6-3 1/2 DRILL COLLARS, INTENSIFIER, TBNG, LEFT OVER SHOT INSIDE OF 8 5/8 , SECURE WELL AND SDFN
12/19/2022	12/19/2022	AOL AND PJSM, NO PRESSURE IN TBNG AND CASING. OPEN BOP AND TIH WITH REST OF TBNG FROM DERRICK, TAGGED ROTATED TBGN AND LATCHED ON TO FISH, PULLED 5,000# AND LET IT SIT FOR 10 MNTS, CAME DOWN, MPULLED 15,000# QND LET IT SIT THERE FOR ANOTHER 10 MNTS, ATTEMPTED TO UNSET PACKER, WE WAS UNABLE DO TO UNSET PACKER, STARTED JARRING ON TBNG. JARRED FOR 1 1/2 HRS NO MOVEMENT, NOTIFIED RYAN AND BILL, DECISION MADE TO GET OFF O/O TOOL, ROTATED 1 1/4 ROUNDS AND GOT OFF, POOH WITH TBNG, OULLED 10 STANDS AND REACHED FLUID, CALLED WRH FOR MUDBUCKET, 2.5 HRS FOR MUD BUCKET CREWATE LUNCH WHILE WAITING FOR MB. MB AOL, RU VAC TRUCK, CONRTINUE TO POOH WITH WET TBNG. STAND BACK ALL 2 7/8 PH6 TBNG AND DRILL COLLARS AND REACHED FISH, LD OVER SHOT AND PARTED JNT, RECOVERED 110 JNTS, SEAT NIPPLE, 190' OF SAND LINE, TUBING JARS, SINBKER BAR, FIWHING TOOL AND PLUNNGER. NOTIFIED RYAN, SECURE WELL AND SDFN(WILL WAIT FOR DECISION)
12/20/2022	12/20/2022	AOL AND PJSM, NO PRESSURE IN WH, M/U 2 3/8 NEW SEST NIPPLE, WRH 4 3/8 STABILIZER, TBNG TO SURFACE. TAG PKR4 @ 6,514'. R/U SWIVEL, CIRCULATE HOLE CLEAN, TAG PKR AND ROTATED IN TO SCREW BACK INTO PKR, WAS UNABLE TO, RD SWIVEL AND ATTEMPTED TO SCREW IN MANUALLY, NO LUCK, RU SWIVEL AGAIN AND TRIED WITH IT, WAS UNABLE YO, NOTIFIED RYAN AND BILL, DECISION MADE TOP POOH WITH TBNG. RD SWIVEL AND POOH. TIH WITH SHOE 4 5/8 SMOOTH OD CROWN AND MESH ID, 4 1/2 BODY, TOP BUSHING WITH CARBIDE ON BOTTOM, 6-3 1/2 DRILL COLLARS, TOP SUB, AND TBNG TO SURFACE, RUN IN AND LEFT SHOE INSIDE 8 5/8 CASING, WII TIH WITH REMAIDER TBNG IN THE AM. SECURE WELL AND SDFN

12/21/2022	12/21/2022	AOL AND PJSM, NO PRESSURE ON WH, CONTINUE TO TIH WITH REST OF TBNG. TAGGED PACKER @ 6514', RU SWIVEL AND BROKE CIRCULATION, 3 BPM @300#, STARTED MILLING ON PACKER @9:30AM, CREW SDFL @12PM, CREW DONE WITH LUNCH, CONTINUE TO MILL PACKER, MADE 26" AND LET IT SIT ON THAT SPOT FOR 50-60 MNTS, STOPPED MAKING HOLE, NOTIFIED ENGINEERS, DECISION MADE TO POOH WITH TBNG. LD SWIVEL AND POOH WITHG TBNG. FINISHED POOH AND FOUND TOP OF PACKER, PAQRTS OF CICR 8 5/8, PIECE OF CASING STUCK INSIDE SHOE, SEND PITCURES TO ENGINEERS, TBIH WITH NEW 4 5/8 SMOOTH OD CROWN SHOE 4 1/2 BODY, 6-3 1/2 DRILL COLLARS, TBNG TO SURFACE, WILL LEAVE TOOLS INSIDE 8 5/8 CASING, SECURE WELL AND SDFN
12/22/2022	12/22/2022	AOL AND PJSM, NO PRESSURE ON TBNG/CASING, TIH WITH REST OF TBNG FROM DERRICK, TAGGED AT 3093', ATTEMPTED TO ROTATE MANUALLY, TORQUED UP, LD JNT, CHANGED ELEVATORS, RU SWIVEL, BROKE CIRCULATION, STARTED ROTATING EASILY, NO LUCK, SET 1/2 POINT AND STARTED MILLING ON SPOT. MILL ON SPOT FOR 1HR AND DIDNT MAKE HOLE, NOTIFIED GEORGE, RYAN AND BILL, DECISION MADE TO POOH WITH SHOE. RD SWIVEL AND POOH WITH TBNG AND SHOE BHA. STAND BACK DRILL COLLARS, SHOE WAS WORE OUT FROM CROWN, SEND PICTURES SEND TO WELLTENDER AND ENGINEERS, SUGGESTED TO RUN 4 3/4 STRING MILL WITH A PILOT JNT, WAS APPROVED, ORDER STRING MILL FROM WRH. WAITED 2HRS, STRING MILL AOL, M/U 4 3/4 STRING MILL BHA, TIH TO TAG SPOT. RAN TUBING AS FOLLOW 2 7/8 JNT, X/O, 4 3/4 STRING MILL, 6-3 1/2 DRILL COLLARS, TBNG. WENT DOWN SLOW THROUGH SPOT AND DIDNT FEEL S/M TAGGED ANYTHING, PASSED SPOT WITH 2 JNTS, PULL 2 JNTS, WENT BACK DOWN AGAIN 4 STANDS PASS SPOT, DID NOT FEEL ANYTHING, NOTIFIED ENGINEERS, POOH WITH TBNG, LD STRING MILL, P/U NEW SHOE 4 5/8 SMOOTH OD CROWN WITH MESH ID AND 4 1/2 BODY, 6' X 4 1/2 EXTENSION, TOP BUSHING, 6-3 1/2 DRILL COLLARS, TBNG . APPROACHING 3093', SLOWED DOWN PULLING UNIT, WENT THROUGH SPOT, ROTATED MANUALLY AND PASSED SPOT WITH NO ISSUES. CONTINUE TO TIH WITH REST OF TBNG. TAGGED PACKER, R/U SWIVEL AND BROKE CIRCULATION, STARTED MILLING ON PACKER FROM 5PM-9PM, GOOD RETURNS SEND PHOTOS TO ENGINEERS, DECISION MADE TO POOH, RD SWIVEL, POOH WITH TBNG AND STAND BACK COLLARS. PARTS FROM PACKER INSIDE SHOE WITH A PIECE OF CASING WEDGED IN ALSO, SHOE WORE OUT FROM CROWN, SEND PHOTOS TO ENGINEERS, SECURE WELL AND PRIME EQUIPMENT WITH BRINE WATER, LOW TEMPERATURES APPROACHING ON WEEKEND, SHUT DOWN FOR HOLIDAY WEEKEND. WILL TALK TO BLM IN THE AM FOR SUGGESTIONS
12/27/2022	12/27/2022	AOL AND PJSM, NO PRESSURE IN WH, P/U NEW 4 5/8 SMOOTH OD CROWN SHOE WITH MESH ID, 6-3 1/2 DRILL COLLARS, TBNG TO SURFACE/. TAGGED AT 3,093' SAME AS THURSDAY 12/22/2022, ATTEMPTED TO ROTATE TBGN MANUALLY,WASNT NOT ABLE TO FALL THROUGH TIGHT SPOT, NOTIFIED ENGINNERS, POOH AND LD SHOE, P/U 4 3/4 STRING MILL AND DRILL COLLARS, TBNG TO SURFACE. TAGGED SPOT, R/U SWIVEL AND STARTED MILLING SITTING 1/2 POINT ON MILL, PUMPED 390 BBLS TFW AND GOT CIRCULATION BACK, GOT FORMATION ON RETURN MESH ON REVERSE PIT, POOH AND CHECK STRING MILL, PIN ENED ON STRING MILL WAS WORE OUT AND BODY WAS ALSO DAMAGED, SEN DPHOTOS TO ENGINEERS. DECISION MADE TO RUN WITH NEW TBNG DESIGN, 4 JNTS X 2 7/8 PH6, NEW 4 3/4 STRING MILL, JARS, 6-3 1/2 DC, INTENSIFIER, TBNG TO SURFACE. TAGGED SPOT, ATTEMPTED TO ROTATE MANUALLY, WAS NOT ABLE TO MAKE HOLE, RU SWIVEL AND STARTED MILLING. MILL FOR 1 HR TO GET A GOOD MAKR ON TOOLS TO MAKE DECISION ON WHAT TO RUN NEXT, POOH WITH TBNG. FINISHED POOH, JNT ON BOTTOM WAS WORE OUT ON PIN END, SEND PHOTOS TO ENGINEERS, SECURE WELL AND SDFN,
12/28/2022	12/28/2022	AOL AND PJSM, TIH WITH 2" X 4 3/4" TAPER MILL, JARS, 6-3 1/2 DRILL COLLARS, INTENSIFIER, TBNG TO SURFACE (93 JNTS) TAGGED AT 3,093',RU SWIVEL, BROKE CIRCULATION, STARTED MILLING. MADE 2', DECISION MADE TO POOH. FINISHED POOH WITH TBNG, TAPER MILL WORE OUT TO THE 4" OD MARK, DEICION MADE TOO TIH WITH ONLY TUBING OPEN ENDED. STAND BY ON LOCATION DUE TO HIGH CROSS WINDS. WINDS SUBSIDE, TIH WITH TBNG ONLY, TAGGED AT SAME SPOT AT 3,093', ATTEMPTED TO ROTATE TBNG IN MANUALLY, WAS NOT ABLE TO WORK TBNG IN, CONTINUE TO WORK TBNG FOR 45 MNTS, NOTIFIED ENGINEERS AND DISCUSSED NEXT STEP, DECISION MADE TO POOH AND START LAYING DOWN TBNG. LAYDOWN 100 JNTS, SECURE WELL AND SDFN, WILL LD REST OF TBNG IN THE AM
12/29/2022	12/29/2022	AOL AND PJSM, NO PRESSURE IN WELL HEAD, TIH WITH 24 STANDS OF PH6 WS, POOH LAYING DOWN. TIH WITH REMAINING TBNG. LAYDOWN 6-3 1/2 DRILL COLLARS. RELEASED WORKSTRING, LAYDOWN MACHINE, REVERSE UNIT AND TOOL HAND, LIGHT PLANTS, FRAC TANKS AND PIPE RACKS. RD WSU, CLEAN UP LOCATION, JET OUT REVERSE PIT WITH 2 VACUUM TRUCKS, LEFT BOP ON WH TO SECURE WELLHEAD (CLOSED) ROUTED RIG TO NEXT LOCATION.
1/10/2023	1/10/2023	Drove to location, PJSM, move in all equipment, RU all equipment, bled pressure off well, change pipe rams in BOP, RIH w/ 60 jts, secure well, SDFN
1/11/2023	1/11/2023	Drove to location, PHSM, bleed off pressure, RIH w/ tubing and tag @ 2987', spoke w/ Keith Immatty @ BLM and came up with new procedure, wait on wind to die down, didn't die down, secure well, SDFN.
1/12/2023	1/12/2023	Drove to location, PJSM, bleed off pressure, POOH w/ tubing, RIH w/ 5-1/2" packer and set @ 2987', pump through packer @ 4 bbls/min, 48 bbls total, notified BLM, instructed to set cmt retainer @ 2987 and pump 350 sx cmt, POOH w/tubing and packer, RU WL, RIH and set retainer @ 2990', POOH RD WL, secure well, SDFN
1/13/2023	1/13/2023	Drove to location, PJSM, RIH w/ tubing and CICR nipple, pump into retainer and establish rate, mix and pump plug #1 375 sx of class c cement below retainer, sting out of retainer and pump 25 sx of cmt from 2990'-2728', POOH stand back all tubing, secure well SDFN.
1/16/2023	1/16/2023	Drove to location, PJSM, RIH and tag plug #1 @ 2696',POOH LD 10 jts, mix and pump plug #2 450 sx of class C cement from 2350'-688', POOH, LD all tubing, secure well, SDFN.
1/17/2023	1/17/2023	Drove to location, PJSM, RIH w/ tubing, tag plug #2 @ 1250', POOH, circ well w/ 45 bbls brine, cleaned suction valve on pump, repaired air backups, replaced tire on BOP trailer, cement truck broke down, secure well, SDFN

1/18/2023	1/18/2023	Drove to location, PJSM, spot in cmt truck, mix and pump plug #2 again, 350 sx of class C cmt from 1250'-3', POOH LD tubing, RD floor, ND BOP, mix and pump plug #2 again, 25 sx of class C cmt from 200'-surface, cmt came to surface, RD all equipment
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From: [Immatty, Keith P](#)
To: [Ryan Barber](#)
Cc: [Thompson, Roberta A](#); [Sarah Chapman](#)
Subject: RE: [EXTERNAL] Arco B Fed Com 1 P&A Question
Date: Wednesday, December 28, 2022 10:41:51 AM

After speaking with Ryan, here is the updated plan:

- Tag packer at 6527'
- Spot Class C from 6527' to 6072'. WOC and Tag
- Get back on track with existing procedure from Step 7
 - 7. Spot 25 sx of Class C cement from 5142'-4992'. WOC & Tag. (T/Abo/Yeso)
 - 8. Perf @ 3010' and squeeze 25 sx of class C cement from 3010'-2880'. (T/Glorieta). **WOC and Tag.**
 - 9. Spot 650 sx of class C cement from 2350'-surface. (T/San Andres & 8-5/8" shoe)
 - 10. Cutoff wellhead, verify cement to surface, weld on dryhole marker.
- Please plan on tagging and verifying all plugs, since we don't have casing integrity.

Please attach this email with the subsequent report for this plugging.

Let me know if I can help with anything else.

Regards,

Keith Immatty

From: Immatty, Keith P
Sent: Wednesday, December 28, 2022 8:40 AM
To: Ryan Barber <rbarber@spurenergy.com>
Cc: Thompson, Roberta A <rthompson@blm.gov>
Subject: RE: [EXTERNAL] Arco B Fed Com 1 P&A Question

It seems like they are getting hung up at ~3000'. The field staff has raised a concern that if we keep milling here, we might not be able to get anything down below this point.

Would you have a couple of minutes to have a quick chat regarding this? Feel free to reach out at 575-988-4722.

Regards,

Keith Immatty

From: Ryan Barber <rbarber@spurenergy.com>
Sent: Tuesday, December 20, 2022 2:17 PM
To: Immatty, Keith P <kimmatty@blm.gov>

Cc: Sarah Chapman <schapman@spurenergy.com>; George Waters <gwaters@spurenergy.com>
Subject: [EXTERNAL] Arco B Fed Com 1 P&A Question

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Keith,

We are currently on the Arco B Fed Com #1 and were able to get all of the tubing out of the hole leaving only the packer in the hole at ~6514'. We would like to get approval to mill the packer and push it to the top of the existing CIBP at 9100' then begin plugging operations. Let me know if you have any questions.

Thanks,

Ryan Barber
Operations Engineer
Spur Energy Partners LLC
9655 Katy Freeway, Suite 500 | Houston, TX 77024
(832)-544-9267 – Cell
(832)-930-8548 - Office



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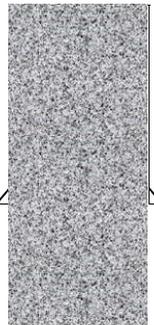
API #	30-015-21047	Arco B Federal Com 1	County, ST	Eddy County, NM
Operator	Spur Energy Partners		Sec-Twn-Rng	26-17S-27E
Field			Footage	1980 FSL 660 FWL
Spud Date			Survey	

Formation (MD)	
San Andres	
Glorieta	
Yeso	
Bone Spring	
Wolfcamp	
Canyon	
Strawn	
Atoka	
Morrow	

RKB	
GL	3520

Hole Size	12-1/4"
TOC	Surface
Method	Circ

Csg Depth	1695'
Size	8-5/8"
Weight	24
Grade	K-55
Connections	
Cement	970 sx



Plug #2 825 sx of Class C cmt from 2350'-surface

Tubing Detail				
Jts	Size	Depth	Length	Detail
	5-1/2"	6527'	5	Packer

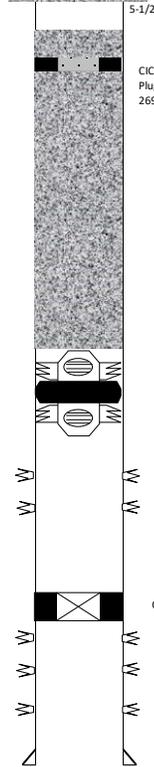
Rod Detail				
Rods	Size	Depth	Length	Detail

Hole Size	7-7/8"
TOC	365'
Method	Calc

Csg Depth	9739'
Size	5-1/2"
Weight	14-17#
Grade	
Connections	
Cement	1250 sx

Last Update	8/5/2022
By	RCB

PBDT	9100
TD MD	9739
TD TVD	9739



5-1/2" parted at ~2350'

CICR @ 2990'
Plug #1 375 sx of class C cmt from 6527'-2990', 25 sx on top of CICR from 2990'-2696'

Perforations
6348-6361 sqzd w/ 100 sx
6582-6756
9150-9333

CIBP @ 9100'

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 180276

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 180276
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	2/3/2023