Form 3160-5 (March 2012)

## UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No 1004-0137 Expires October 31, 2014

5 Lease Serial No.

BUREAU OF LAND MANAGEMENT J-149-IND-8465 SUNDRY NOTICES AND REPORTS ON WELLS 6 If Indian Allottee or Tribe Name Do not use this form for proposals to drill or to re-enter an Navajo Farmirigton Field Office abandoned well. Use Form 3160-3 (APD) for such proposals. 7. If Unit of CA/Agreement, Name and/or No SUBMIT IN TRIPLICATE - Other instructions on page 2. 1. Type of Well 8 Well Name and No. Charley Pah 1 Oil Well Gas Well Other 2. Name of Operator Four Star Oil & Gas Company 9. API Well No. 30-045-06679 3a. Address 3b. Phone No. (include area code) 10 Field and Pool or Exploratory Area ATTN Regulatory Specialist 322 Road 3100 Basin Fruitland Coal (71629) 505-333-1901 Aztec, New Mexico 87410 4 Location of Well (Footage, Sec., T, R., M., or Survey Description) 1750' FWL, 1700' FNL, S 12, T 27N, R 9W 11. County or Parish, State San Juan, New Mexico 12 CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Acidize Deepen Production (Start/Resume) Water Shut-Off Notice of Intent Alter Casing Fracture Treat Reclamation Well Integrity Casing Repair New Construction Recomplete ✓ Subsequent Report Change Plans Plug and Abandon Temporarily Abandon Final Abandonment Notice Plug Back Water Disposal Convert to Injection 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.) 9/23/2006 RU WO RIG. 9/25/2006 CHECK WELL PRESSURE. 140 PSI. BLOW DOWN WELL TO RIG PIT. SECURE WELL TURN OVER TO FLOWBACK CREW, SDFD 9/26/2006 PUMP 5 BBLS 2 % KCL DOWN TBG. WENT OM VACUME. PUMP 40 BBLS 2% KCL DOWN CSG. SMALL AIR BUBBLE CAME BACK THEN WELL WENT ON VACUM. LEFT OPEN TO FLOWBACK TANK AND WAIT ON 3" BOP DRESSED FOR 1" TBG, NDWH, NUBOP, POOH AND LAY DN 94 JTS 1" TBG. JTS 84-87 HAD 1" SIDEPOCKET GASLIFT MANDRELS ON THEM. BOTTOM JT HAD STRAINER ON IT. SDFD 9/28/2006 CHECK WELL PRESSURE. 0 PSI RU BLACK WARRIOR WIRELINE. RUN 2 1/2" SINKER BAR TO FIND FLUID LEVEL IN WELL. FOUND FLUID @ 350' FROM SURFACE. PU 2.5" THRU TBG RBP ON BLACK WARRIOR LINE. RIH TO 1018', LET RBP HEAT UP TO WELL BORE TEMP. F/ 1 HR. INFLATE RBP, SHEAR OFF RBP, POH W/ SETTING TOOL, RD, BWWS. FILL CSG W/ 12 BBLS 2% KCL. ACTED LIKE WE WERE PUMPING IN TO WELL @ 150 PSI. SHUT DN. BLED DN PRESSURE. CSG STOOD FULL OF WATER. CHECKED BRADEN HEAD. HAD SLIGHT PRESSURE. NEVER HAD PRESSURE BEFORE, CHANGE OUT WELL HEAD. NUBOP. PU RETRIEVING TOOL F/ RBP. TALLY AND RIH W/ 2 3/8 J-55 TBG. LATCH RBP @ 1018'. RELEASE RBP. LET EQUALIZE. POH. LAY DN RBP. SECURE WELL SDFD. RCVD MAY 14'12 Please see attached sheet for additional information. OIL CONS. DIV. 14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) April E. Pohl Title Regulatory Specialist Signature THIS SPACE FOR FEDERAL OR STATE OFFICE USE AND FOR MICORD Approved by Title 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 Office entitle the applicant to conduct operations thereon

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

9/29/2006 CHECK WELL PRESSURE. 0 PSI. PU 7" CSG. SCRAPER AND 6 1/4" BIT.
RIH W/ 64 JTS 2 3/8 TBG. TAG LINER TOP 2022'.
POH W/ BIT AND SCRAPER. RU BASIN WIRELINE SERVICE.
RIH W/ 4 3/4" GAUGE RING TO 2060'. POH AND LAY DOWN GR.
PU 5 1/2" COMPOSITE BRIDGE. RIH ON WIRELINE. SET CBP @ 2032'.
POH W/ SETTING TOOL. RD BWS.
RIH W/ 32 JTS 2 3/8" TBG. TO 1011'. DUMP 6 SKS. SAND DOWN TBG
W/ WATER. LET SAND FALL F 30 MIN. POH W/ TBG.
PU 7" BAKER MODEL "C" FULLBORE PACKER. RIH W/ 18 JTS 3 3/8"
TBG. SET PKR @ 578'. RU PUMP.TRY TO PRESSURE TEST DN TBG.
COULD PUMP IN @ 100 PSI. RU TO ANN. PRESSURE TEST TO 500 PSI.

HELD OK. RELEASE PCKR. SECURE WELL. SDFN.

10/2/2006 RIH W/ 10 JTS 2 3/8" TBG. SET PKR @ 894'. PUMP DN ANN.

COMMUNICATED W/ BRADEN HEAD. RU TO PUMP DN TBG.

POH W/ 4 JTS 2 3/8" TBG. SET PKR @ 767'. TEST ANN.

COMMUNICATED W/ BH.

ISOLATE TOP OF LEAK BETWEEN 641' AND 673'. RELEASE PKR. POH.

RU SCHLUMBERGER TO RUN RST LOG. RIH TO 2150' & DIDN'T TAG

CBP. PULL UP HOLE AND RUN LOGS FROM 2016' TO 1800'.

PU 4 1/2" GAUGE RING. RIH ON WIRELINE TO 2022'. COULDN'T

WORK GR INTO LINER TOP. POH W/ GR. HAD SMALL PIECE OF

RUBBER IN GR BASKET. RD SCHLUMBERGER.

PU 2 3/8" NOTCHED COLLAR. RIH W/ 2 3/8" TBG. TAG @ 2022'.

WORK NOTCHED COLLAR INTO LINER TOP. TAG @ 2026'.

POH W/ 6 JTS 2 3/8" TBG. DUMP 4 BUCKETS SAND DN TBG. MIXING

W/ WATER. POH W/ 10 JTS TBG. SECURE WELL SDFD.

10/3/2006 RIH AND TAG @ 2018'. POH W/ 2 JTS TBG. DUMP3 BUCKETS SAND MIXED W/ WATER DN TBG. WAIT 30 MIN. POH W/ TBG.

PU BAKER MOD. "C" FULLBORE PKR. RIH TO 704' RU AND PRESSURE TEST DN TBG. HAD COMMUNICATION UP 7" ANN.

MOVE PKR TO 1021'. TEST DN TBG. HAD COMMUNICATION UP ANN. MOVE PKR TO 1334'. TEST DN TBG. HAD COMMUNICATION.

MOVE PKR TO 1650'. TEST DN TBG. COMMUNICATED.

MOVE PKR TO 1965'. TEST DN TBG. COMMUNICATED.

RELEASE PKR. RIH AND TAG @ 2018'.

POH W/ 2 JTS TBG. DROP 2 3/8" STANDING VALVE. PRESSURE TEST TBG TO 1000 PSI. HELD OK. FISH S/V W/ SANDLINE.

POH TO 641'. SET PKR. PRESSURE TEST CSG TO 500 PSI. HELD OK. RELEASE PKR. POH W/ TBG AND PKR. SECURE WELL SDFD

10/4/2006 RU SCHLUMBERGER AND RUN CBL FROM 2021' TO 300'. CAME OUT OF FLUID. RERAN LOG FROM 2121' TO SURFACE WHILE PUMPING 2% KCL TO KEEP WELL LOADED. TOP OF CEMENT @ 860'. RD SCHLUMBERGER.

PU BAKER MOD. "C" RBP AND MOD. "C" FULLBORE PKR. RIH W/

2 3/8" TBG. SET RBP @ 2005'. MOVE PKR TO 1970' & SET. PRESSURE TEST RBP TO 500 PSI. HELD OK.

RELEASE PKR POH TO 1021' AND SET. PRESSURE TEST RBP AND CSG TO 500 PSI. HELD OK.

RELEASE PKR POH TO 984' & SET. PRESSURE TEST TO 500 PSI HELD.
RELEASE PKR. POH TO 764'. SET PKR PRESSURE TO 500 PSI HELD OK.
RELEASE PKR. POH TO 704'. SET PKR. PRESSURE TEST TO 500 PSI. HELD.
RELEASE PKR. POH TO 642'. SET PKR. CIRCULATED UP BRADEN HEAD.
RELEASE PKR RIH TO 673'. SET PKR. PRESSURE TEST TO 500 PSI. HELD OK.
POH AND LAY DOWN PKR.

RIH W/ RETRIEVING HEAD AND 2 3/8" TBG TO 1940'. CIRCULATE WELL CLEAN. RETRIEVE RBP @ 2005. POH W/ 2 3/8" TBG AND RBP. SECURE WELL SDFD

10/5/2006 PU BAKER 7" MOD. "N" CIBP. RIH W/ 63 JTS 2 3/8" TBG. SET CIBP @ 2005 POH W/ 2 3/8" TBG AND SETTING TOOL. PU 7" BAKER MOD. "C" FULLBORE PKR. RIH W/ 22 JTS 2 3/8 TBG. SET PKR @ 704'. PRESSURE TEST CIBP TO 1000 PSI. HELD OK.

RELEASE PKR. POH TO 388'. SET PKR. PRESSURE TEST ANN. TO 500 PSI. HELD OK. PUMP 10 BBLS DOWN TBG AND CIRCULATE UP BRADEN HEAD. RU HES. PRESSURE ANN. TO 500 PSI. EST. CIIRCULATION UP BRADEN HEAD W/ 5 BBLS FRESH WATER. MIX AND PUMP 225 SKS CLASS "G" NEAT CMT. 1.18 YIELD 15.6#. DISPLACE W/ 5 BBLS FRESH WATER. GOT CMT. TO SURFACE UP BH. CLOSE BRADEN HEAD VALVE. PRESSURE UP TO 1000 PSI W/ 3 BBLS WATER. SHUT DN. PRESSURE FELL TO 700 PSI. PRESSURE UP TO 1100 PSI. HELD SOLID. BLED OFF PRESSURE. RD HES. RELEASE PKR POH W/ TBG AND PKR. SECURE WELL. RIG UP RIG PUMP. PRESSURE CSG TO 1000 PSI. SHUT VALVE. SDFD.

10/9/2006 MOVE DRILL COLLARS FROM FLOAT TO WELL HEAD W/ WINCH TRUCK. PU 6 1/4" BIT, BIT SUB, 6- 3 1/8" DRILL COLLARS, X-OVER SUB. RIH W/ 13 JTS 2 3/8" TBG. TAG CMT @ 610' KB.
LAY DN 10 JTS 2 3/8" TBG. RIH W/ 10 JTS TBG FROM DERRICK. PU POWER SWIVEL. BREAK CIRCULATION AND START DRILLING CMT. DRILL FROM 610' TO 660'. HARD CMT. CIRCULATE CLEAN RIH TO 727' MAKING CONNECTIONS W/ POWER SWIVEL. PRESSURE TEST CSG TO 500 PSI. HELD OK. RD-POWER SWIVEL. RIH W/ 2 3/8 TBG. TAG PBTD @ 2010'. POH W/ 26 JTS 2 3/8" TBG. SECURE WELL SDFD.

10/10/2006 FINISH TIH W/ 2 3/8 TBG. AND BHA.

PU 7" CSG SCRAPER. RIH W/ 2 3/8" TBG. TAG @ 2010' KB

RU PUMP. CIRCULATE WELL W/ 90 BBLS 2% KCL.

POH W/ TBG. AND SCRAPER. SECURE WELL

10/11/2006 RU SCHLUMBERGER AND PERF. 1930-40, 1950-52, 1956-57, 1970-71, 1979-90 W/ 3 3/8" HSD GUNS. 60 DEGREEE PHASING 2SPF.

CHANGE OVER EQUIP TO RUN 3 1/2" FRAC STRING. SWAP OUT TBG FLOATS. PU 7" BAKER MOD. "C" FULLBORE PKR. TALLY AND RIH W/ 33 JTS. 3 1/2" N-80 TBG.

PU CAMERON FRAC MANDREL AND MAKE UP TO TBG. SET PKR @ 1062' W/ 25K TENSION. NU FRAC MANDREL TO BOP. RU PUMP. LOAD AND TEST ANN. TO 500 PSI. HELD OK. SECURE WELL SDFD.

- 10/13/2006 LOAD AND BREAK 4 BPM @ 840 PSI. PUMP 500 GAL 15% ACID @ 2030 PSI 19 BPM. PAD 31 BPM 2150 PSI. .5 # 30.7 BPM 2200 PSI. 1# 31.5 BPM. 2235 PSI. 2# 30.8 BPM 2260 PSI. 3# 2600 SCREENED OUT HALF THRU 3# SAND STAGE. FLUSHED TBG W/ 509 GAL. ISIP WAS 3035 PSIG. DIDN'T BLEED OFF. RU FLOW BACK LINE OPEN WELL TO FLOWBACK TANK ON .5" CHOKE. 3000 PSI PSI. BLED TO O PSI . SECURE WELL SDFN
- 10/16/2006 ND FRAC VALVE. RELEASE PKR. POH LAYING 33 JTS 3 1/2" TBG.
  CHANGE OVER EQUIP. TO RUN 2 3/8" TBG. RIH W/ 6 1/4' BIT AND
  32 JTS 2 3/8" TBG. UNLOAD WELL W/ AIR FOAM MIST.
  RIH AND TAG FILL @ 1735'. CLEAN OUT FROM 1735' TO 1992' W/
  AIR FOAM MIST AND CIR CLEAN. POH W/ 8 JTS TBG.
  SECURE WELL SDFD
- 10/17/2006 RIH AND TAG @ 1923'. CLEAN OUT TO 2010' W/ AIR FOAM MIST.

  CIRCULATE CLEAN. POH W/ 8 JTS 2 3/8" TBG AND LET WELL FLOW

  TO FLOWBACK TANK. RIH AND TAG @ 2010'. POH W/ 8 JTS TBG.

  SECURE WELL SDFD
- 10/18/2006 RIH W 8 JTS TBG AND TAG @ 2005'. POH W/ TBG AND BIT.

  PU 6 1/4" MJ MILLING TOOL, 6 3 1/8" DC'S. RIH W/ 2 3/8' TBG. TAG
  @ 1996'. CIR TO 2010' AND LATCH INTO CIBP. MILL ON CIBP. PLUG
  FELL FREE. LAY DOWN 3 JTS TBG W/ POWER SWIVEL. PLUG WAS
  DRAGGING. RD POWER SWIVEL.

  POH W/ TBG AND BHA. PLUG HUNG HUNG UP ON FIRST STAND
  PULLED. PULLED 15K OVER AND PULLED FREE. DIDN'T HAVE PLUG
  WHEN WE GOT OUT OF HOLE. BREAK DOWN MILLING TOOL.
  LOAD OUT TOOLS, SECURE WELL. SDFD.
- 10/19/2006 BWD. 250 PSI TO FBT.

PU 1 3/4" SPEAR SPEAR. RIH W/ 3 1/8" BUMPER SUB, JARS, AND 6 3 1/8" DC'S, ON 2 3/8" TBG. TAG @ 2010'. TRY TO CATCH CIBP. SEEN SLIGHT DRAG.

POH W/ TBG AND BHA. DIDN'T HAVE PLUG. SPEAR WAS BENT. PU 4 5/8" SHORT CATCH OVERSHOT. RIH W/ 3 1/8" BUMPER SUB, JARS, AND DC'S ON 2 3/8" TBG. TAG @ 2010'. BREAK CIR. W/ AIR FOAM MIST. LATCH CIBP.PULLED 15K OVER AND PULLED FREE. TRIED TO LATCH AGAIN. COULDN'T SEE ANY OVER PULL. POH W/ TBG AND BHA. HAD PART OF CIBP UPPER SLIP CONE AND TOP OF BODY. BREAK DOWN FISHING TOOLS. SECURE WELL. SDFD.

10/20/2006 CHECK WELL PRESSURE. 100 PSI. BLEED PRES. TO FLOW BACK TANK.
RIH W/ 6 1/4" BIT, 3 1/8" JARS AND 6 3 1/8" DRILL COLLARS. TAG @ 202C
RU POWER SWIVEL. BREAK CIR. W/ AIR FOAM MIST. DRILL ON
CIBP. DRILLED 20 INCHES. CIRC.CLEAN. RD PS. POH W/ 10 JTS TBG.
SECURE WELL SDFD

10/24/2006 RIH W/ 6-1/4" BIT, BIT SUBS & TAG @ ON JT # 64 @ 2026' KB.

POSSIBLE TOP OF 5-1/2" LINER BELOW 7" CASING. POOH.

RIH W/ 14' MS, SN, 65 JTS 2-3/8" 4.7# J-55 EUE 8RD TBG, TWO 10'

2-3/8" PUPS. LAND TBG W/ EOT @ 2095'. RD AIRCOMP. ND BOP.

RUN 2"X1-1/4"X6'X8'X11' RHAC-ZDV PUMP, 40" STABILIZER ROD, 4

1-1/4" SINKER BARS, 79 3/4" RODS, 4' & 8" PONYS, & 16' POLISH ROD.

LOAD TUBING. TEST PUMP SEAT & SURFACE CONNECTIONS TO 500

PSI. TEST GOOD. PUMP ACTION GOOD. INSTALL CLAMPS.

10/25/2006 RD RIG. CHANGE OUT 4' PONY FOR 2' PONY ROD. RETEST TO 500 PSI, TEST GOOD.

WELL SHUT-IN WAITING FOR SALES LINE HOOK-UP.



## **Wellbore Schematic**

Business Unit ease Charlie Pah 01 Basin(New Mexico) Mid-Continent/Alaska Charley Pah Original Hole, 5/8/2012 5 05 37 PM Job Details MD (ftKB) Job Category Start Date Release Date Vertical schematic (actual) Major Rig Work Over (MRWO) 9/23/2006 11/7/2006 Tubing Strings 53 4 LONG TUBING set at 2.095.7ftKB on 10/24/2006 00:00 Set Depth (ftKB) Tubing Description String Length (ft) LONG TUBING 2,095.7 10/24/2006 2,085.73 OD (in) Wt (lb/ft) Btm (ftKB) Grade · Item Des lts Len (ft) 39 SLICK JOINT (ELSTER) 2 3/8 4.70 J-55 31 67 41.7 PUP JTS 2 2 3/8 4 70 J-55 20.00 61.7 TUBING 64 2 3/8 4 70 J-55 2,018 96 2,080 6 SEATING NIPPLE 2 3/8 4.70 J-55 1.10 2.081.7 MULE SHOE 2 3/8 4.70 J-55 14.00 2,095.7 **Rod Strings** Short Rod on 10/24/2006 00:00 Run Date Set Depth (ftKB) String Length (ft) 10/24/2006 2,090 34 2,089.3 Short Rod OD (in) Wt (lb/ft) Grade Btm (ftKB) item Des Jts Len (ft) SLICK JOINT (ELSTER), 10-42, KB TO HANGER DIST. 10.00 25 8 31 67, 2 3/8, 1 995, 1-1 0.0 9.0 POLISHED ROD 1 1/4 16.00 25.0 PONY ROD 1 3/4 2.00 27 0 PONY ROD 1 3/4 8.00 35 0 ROD 78 3/4 1.950.00 1,985.0 SINKER BAR 2,085.0 14 1 1/8 100.00 OTHER 7/8 3.34 2,088.3 1 ROD PUMP 1.00 2,089 3 2 1 Perforations PUP JTS, 42-62, 20 00, 2 3/8, 1 995, Entered Shot 51 7 Dens Top (ftKB) Btm (ftKB) (shots/ft) Zone & Completion 6/15/1959 2,042.0 2,072.0 61 7 Other Strings TUBING, 62-2,081, 2,018 96, 2 3/8, 1 023 : Run Date Pull Date Set Depth (ftKB) Com 1.995, 1-3 Cased Hole, 2,042-2,072, 6/15/1959 2 056 9 2.071 9 2 076 3 SEATING NIPPLE, 2,081-2,082, 1 10, 2 3/8, 1 995, 1-4 2 081 7 2 083 3 2 085 0 MULE SHOE, 2,082-2,096, 14 00, 2 3/8, 1 995, 1-5 2 089 2 2 092 5 2 095 8 2 148 2 Page 1/1 Report Printed: 5/8/2012