

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

Form C-103
Revised July 18, 2013

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

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. 30-045-30667
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Four Star Gas & Oil Co		6. State Oil & Gas Lease No.
3. Address of Operator 332 Road 3100 Aztec NM 87413		7. Lease Name or Unit Agreement Name
4. Well Location Unit Letter F : 1610 feet from the N line and 1895 feet from the _____ line Section 36 Township 31N Range 12W NMPM County SJ Co		8. Well Number NM Mexico MIA
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5398'		9. OGRID Number 131994
		10. Pool name or Wildcat Fruitland

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: Recompletion <input checked="" type="checkbox"/>	

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.

See attached

RCVD DEC 19 '13
OIL CONS. DIV.
DIST. 3

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE **April E Pohl** TITLE **Regulatory Specialist** DATE **12/16/13**
Type or print name **April E Pohl** E-mail address: **April.Pohl@chevron.com** PHONE: **505-333-1941**
For State Use Only Deputy Oil & Gas Inspector,
APPROVED BY: **David Bell** TITLE **District #3** DATE **1/3/14**
Conditions of Approval (if any):

9/16/2013

MIRU

Well pressure 10 PSI, 45 PSI on casing, and 75 PSI on bradenhead. ND well head, NU BOPs.

9/17/2013

Opened well and POOH with 2 3/8" production tubing.

Called Brandon Powell (NMOCD) about cement squeeze.

PU and RIH with 3 3/4" Bit, scraper, and 158 and 15 Ft of tubing tagged. POOH with tubing, EOT at 4300 FT. SWIFN

9/18/2013

POOH with work string. Shut down due to weather.

RU wire line equipment. Pressure tested equipment to 1000 PSI - good test.

RIH with CBP set at 3650 FT WLM. POOH. Filled casing with water and tested to 1000 PSI, good test.

Perf the casing at 3390 FT WLM and POOH.

Tried to circulate fluid up the bradenhead - unable to get circulation. Injecting at 2 BPM with 1000 PSI.

Shut down and call Jim Micikas to inform him of the pressures, and pump rate.

PU and RIH with Cement retainer and 25 STDs. SWIFN.

9/19/2013

Finish RIH with work string, set at 3358 FT DPM. Filled lines, tested to 1500 PSI, good test.

Pumped cement. Fresh water 10 BBLs at 1.5 BPM at 690 PSI. Cement 410 SKS 1.41 YLD 103 BBLs @14.4#, 67.8 BBLs of water. Displace with 12.5 BBLs of water to leave .5 BBLs of cement in tubing.

Picked up 30 FT, reverse circulated 19 BBLs. POOH with work string and tools. LD same SWIFN.

9/20/2013

Waiting on cement to set up so we can log well. RU wire line equipment.

RIH with logging tools, Tagged at 3330 FT WLM. Logged to surface. 2nd Log with 1000 PSI on casing back to surface.

Talked to Jim Micikas about cement top, perforate at 2575 FT and pump cement on Monday morning.

Pumped into holes at 2575 at 2 PBM at 900 PSI. Pumped 5 BBLs, shut down and SWIFN. RD Wire line.

9/23/2013

PU and RIH with cement retainer and set at 2537 FT. RU cementing pump and equipment.

Pumped 90 SKS at 1.41 YLD, 6.95 Gal H2O/SK 22.6 BBLs at 14.4# 14.9 BBLs H2O REQ. Max pressure was 2000 PSI, shut down.

Picked up out of cement retainer and reversed out 1 tubing volume. POOH and LD 40 joints racked back the rest, LD squeeze tool. Wait on cement (WOC) to dry.

9/24/2013

RIH with logging tools for CBL. Tagged at 2229 WLM and logged to surface. Emailed CBL - wait on orders from office.

9/25/2013

RIH with 3 7/8" drill bit and tubing to drill out cement and cement retainer at 2537 FT. Tagged at 2538 DPM.

RU lines and power swivel and drill out cement retainer drilled to ~ 2550 FT Picked up off bottom.

Circulated clean, SWIFN.

9/26/2013

Finish drilling out cement and RIH tagged Cement retainer at 3359 FT DPM. POOH with 3 7/8" drill bit and tubing.

Test BOPs 250 PSI low 1500 PSI low and tested TIWs 250 PSI low 1500 PSI high. Good test.

Tagged with tools at 3325 FT. WLM log to 2000 FT, found cement from ~2800 FT to ~2550 FT WLM. Called

Reilly Spence, Jim Micikas - emailed log. Wait on orders.

Reilly Spence call - run guns on wire line and perf at 2380 FT.

RU and pumped into well at 3 BPM with 620 PSI, pumped 5 BBLs, shut down. RIH to 1150 FT. SWIFN.

9/27/2013

RIH with CMR to ~ 2350 FT left hanging until Monday.

Unable to get cement trucks onto location because of weather and road conditions.

9/30/2013

Check well, SITP - 0 psi, SICP - 0 psi, Bradenhead - 85 psi.

Set CIRC @ 2370, Load and test csg to 400 psi, Test good.

Test lines to 2500 psi, Establish I/R w/ 10 bfw @ 2 bpm and 700 psi, Mix and pump 100 sks (25.1 bbls) CMT-Standard Type 111 - Fine w/ 0.1% HR-5 and 0.3% Halad(R)-322, 500 psi max, Displaced w/ 8.5 bfw. 1100 psi max., No indication of flow out bradenhead during job.

POOH w/ 2 3/8 workstring, LD setting tool. WOC, Will run bond log in A.M. Secure well, SDFN.

10/1/2013

Check well, SICP - 0 psi, Bradenhead - 85 psi, Open well

RIH w/ 2.75" CBL tools, Tag @ 2363' corrected, log to surface, TOC - 2320'. Wait on orders

PU and RIH w/ 3 1/8" guns loaded 4 spf, Tie in, Perf 4 sqz holes @ 2200', POOH.

Pump in down csgl w/ 30 bbl @ 2.5 bpm & 800 psi, To establish I/R, No returns out bradenhead

PU and RIH w/ CIRC, RIH w/ 67 jts & space out pups. Left hanging, Secure well, SDFN.

10/2/2013

Check well, SITP - 20 psi, SICP - 170 psi, Bradenhead - 80 psi, Bleed down well

Set CIRC at 2147, MIRU HES cement equipment

Test lines to 2500 psi, Establish I/R w/ 10 bfw @ 2 bpm and 870 psi, Mix and pump 25.1 bbls (100 sks) 14.4 ppg, 1.41 yld Squeezecem system cmt, Pump @ 2 bpm, 870 psi falling to 2 bpm and 425 psi, built back to 2 bpm and 950 psi, Displace w/ 7.5 bfw @ 2 bpm, final pump psi @ 1200 psi. Sting out of retainer, reverse clean w/ 20 bfw.

POOH w/ tbq, LD stinger, Secure well, SDFD

10/3/2013

Check well, SICP - , Bradenhead - 80 psi. Bleed down Bradenhead.

RIH w/ 2.75" CBL tools, Tag @ 2137' corrected measurement, Found TOC @ 2013'. Log to surface

Wait on approval from state, Decision to carry on w/ prepping for frac

PU & RIH w/ 3 7/8 junk mill (three blade, 6 - 3 1/8" DC's, 29 stands 2 3/8 workstring, Secure well, SDFN

10/4/2013

Check well, SICP - 0 psi, SITP - 0 psi, Bradenhead - 90 psi, Bleed down Bradenhead

Test casing to 2520 psi. for 15 min, Test good. Bleed down. RIH w/ 2 3/8 tbq, Tag @ 2145 on 62 jts.

Start air, establish circulation, unloaded well at 800 psi.

Drill on CIRC @ 550 psi pumping 15 bwph mist, Fell thru @ 2204', circulate clean.

RIH w/ tbq, retag @ 2368' on 69 jts, Start air, clean out to 2369', circulate clean. Load well w/ 2% KCL.

POOH, LD 45 jts 2 3/8" workstring, Secure well, SDFN

10/7/2013

Check well, SITP - 0 psi, SICP - 0 psi, Bradenhead was left venting, POOH, LD tbq and DC's

RIH w/ 3 1/8" guns loaded 4 spf, 90 deg, Tie in to Schlumberger platform express array induction dated 6/29/2001, Perforate FC in two runs from 2349-50', 2324-45', 2294-95', 2285-90', POOH.

RIH w/ 4 1/2 scraper to 2283. POOH.

PU, RIH w/ HES frac liner on one jt 2 7/8" tbq, Set pkr, Top element 2195' pipe meas, bttm element 2232'

POOH, LD 2 3/8" workstring, setting tool, Secure well, SDFN.

10/8/2013

Check well. SICP-0, Bradenhead 80 psi. Bled down, ND annular. Piped Bradenhead to cement tank left on location, left Bradenhead venting. RDMO.

10/16/2013

SICP 200 psi. Braden head was open to flat tank on location. R/U Stinger frac saver.

R/U frac equipment. Prime lines and pressure test to 4000 psi. Had to shut down due to wrong flow T for ball drop. Wait on right flow T for ball drop. Prime lines and retest to 4000 psi. Test good.

Pump first five stages of frac. With about 3000 gallons left in the fifth stage tried to get cross link. Was unable to get cross link and had to shut down the job due to a shortage of water. Gel blender believed to be the cause of not being able to get cross link.

Wait on water. Tried to commence with frac. Still unable to get cross link. LA pumps seized and cross link additive not getting to system. Decision made to inject cross link additive(BC-140) on suction side of pump to get better shear.

10/21/2013

RU equipment. Checked well pressure had 550 PSI on well. No Halliburton hand on location to pull the frac casing OOH.

10/22/2013

NU annular on BOPs.

Started bleeding off pressure on well. RU lines and rig pump to kill well.

Pumped 20 BBLs of 2 % KCL well went on vacuum.

Tested Annular to 250 PSI low and 1500 PSI high.

Pumped 40 BBLs of 2 % KCL and well went on vacuum monitor well. Pressure built up to 110 PSI pumped 20 BBLs of 2% KCL.

PU retrieving head to pull the frac liner and RIH to 2100FT, well started flowing SIW.

Let well flow back got back 30 BBLs of fluid, Checked SICP had 200 PSI on well, Pumped 30 BBLs of 2 % KCL checked for flow.

Finished RIH with tubing tagged at 2195 FT Picked up and over pulled 5-K over and tool released.

POOH with frac liner.

Well started flowing Shut well in for SICP, had 230 PSI on well, pumped 40 BBLs to kill well.

POOH with tubing and frac liner, LD frac liner.

Wait on tools for Weatherford. Going to shoot hole at 1980 FT in the morning.

10/23/2013

RU lubricator tested to 1000 PSI.

RIH with 4.5" composite plug set at 2020 FT WLM, POOH and LD tools.

PU and RIH with squeeze guns shoot holes at 1980 FT WLM.

RD lubricator and equipment.

Filled hole with 31 BBLs of 2 % KCL, injected 20 BBLs at 1 BPM, with 1000 PSI, brought pumps up to 4 BPM with 2000 PSI pumped a total of 20 BBLs into the holes.

PU and RIH with cement retainer set at 1935 FT DPM, RIH with 4 STDs had to shut down well started coming in, Pumped 20 BBLs to kill well.

Well dead started RIH with tubing to 1935 FT DPM.

RU lines and tested to 2500 PSI good test. Pumped cement 37.7 BBLs of cement 150 SKS of pumped pressure at 2000 PSI MAX.

POOH with tubing and LD squeeze tool.

10/24/2013

WOC

RU and RIH with CBL, tagged at 1933 FT WLM, log to 1450 FT sent logs to Jim Micikas and Reilly Spence WOO.

Wait on order from office. TOC at 1650 FT cement is high enough for the state going to start drilling out plugs.

RD wire line and move equipment off location.

10/25/2013

Checked bearding head had 70 PSI bled off pressure, Checked well pressure had 0 PSI opened well, PU DC, Bit sub, 3 7/8" Bit. RIH tagged at 1929 FT DPM.

RU power swivel and drilling equipment. Broke circulation with foam unit.

Started drill out cement and cement retainer at 1935 FT, and plug at 2020 FT RIH passed 2355 FT to make sure perfs are clear, tagged at 2355 FT.

POOH with tubing and LD, Bit, Bit sub, and XO to tubing.

RU flow lines and flow well back over the weekend.

10/26/2013

Well flowing down sales line.

10/28/2013

Flowing well to sales w/ flowback crew

Bradenhead open to cmt tank, Well flowing to sales w/ 125 psi FCP, Open well to flowback tank, RD WSI flowback iron. ND spare BOP's and flowback spool, Load racks and tally pipe,

PU and RIH w/ 3 7/8 junk mill, 6 - 3 1/8" DC's, Tag on jt # 69 at 2353'. RU Power Swivel

Start air, Establish circulation at 550 psi w/ 20 bwph mist. Cleanout to CICR @ 2370'. Mill on CICR, Mill out same, Fell thru cement @ 2385', circ clean

RD Power Swivel, RIH w/ 2 3/8" tbg, tag 8' in on 100 jts at 3326', PU Power Swivel

Start air, establish circulation @ 800 psi, Drill cmt, plug pieces to 3349', Circ clean.

SD air, LD swivel, POOH w/ 18 stands. Secure well, SDFN.

10/29/2013

Check well, Bradenhead venting to tank, SICP - 365 psi, SITP - 0 psi (string float), Open well to flowback tank.

Kill well w/ 30 bbls, Remove stripper, PU Hangar, Test BOP's, Blind, pipe and annulars to 250/1500 psi. Kill well w/ 20 bbls, Remove Hangar. Install stripper

RIH w/ 18 stands tbg, PU Power Swivel

Start air, Establish circulation w/ 20 bph mist and 825 psi, Drill cmt and plug pieces from 3349' to CICR @ 3358, Mill thru CICR & cement to 3394' and fell thru cement, continue washing, milling pushing down hole to 3444', Make connections and push/mill to 3506 on 105 jts'.

SD air, LD Power Swivel, POOH w/ 21 stnds. Secure well, SI Bradenhead also, SDFN

10/30/2013

Check well, SICP - 360 psi, Bradenhead - 80 psi, Bled well to open top tank.

RIH w/ tbg, Tag @ 3650', Jt # 110.

Start air, establish circulation @ 840 psi w/ 20 bwph mist, Drill out CBP @ 3650', Circ clean. PU 1 jt & RIH to 3695', RD Power Swivel

RIH w/ 2 3/8 workstring, Retag @ 4457

Start air, establish circulation @ 500 psi, 12 bwph mist, Wash, Knock plug down, Circ clean.

PU & RIH w/ 2 3/8 tbg, retag @ 5010' (Jt 153, 15' in)

Start air, establish circulation, Clean out well to 5030' pipe meas (PBTD 5033) found hard bttm.

Circulate well off bttm, Pumping sweeps, Well clean

10/31/2013

Check well, SICP - 300 psi, SITP - 0 psi (string float), Bradenhead - 80 psi, Open well to flowback tank and bleed down.

POOH, LD workstring, 6 DC's and mill

Swap out workstring and production tbg, Tally pipe,

Kill well w/ 30 bbls, RIH w/ muleshoe, F-Nipple w/ plug in place, 153 jts 2 3/8 tbg, Hangar, EOT - 4940.86, SN - 4911.12.

PU Hangar and land same, RD Floor, tongs, ND BOP's, NU WH & test void to 1500 psi. NU upper tree. Secure well, SDFN.

11/1/2013

Check well, SITP - 0 psi (plug in place), SICP - 300 psi, Bradenhead - 80 psi, Open well to flowback tank and bleed down.

Spot slickline, RU, Pump 4 bbls water down tbgs, Recover FWE plug in two runs, RD Slick line unit.

PU & RIH in singles w/ 2 x 1 1/4 x 16 x 16'3" RHAC-Z pump (Pump # CX 650), Stabilizer bar, 5 - 3/4 x 25 rods guided 5 per, 187 - 3/4 x 25 T-54 rods, Space out w/ 3/4 x 8" and 3/4 x 4' pony rods and 1 1/4 x 26' Polish rod

Load and test tbgs to 500 psi, Bleed down and check pump action w/ rig. Good test. Bleed down.

RDMO.