

HOBBS OGD
OCT 16 2013

RECEIVED

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

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

Form C-103
Revised August 1, 2011

WELL API NO. 30-025-03106	
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name STATE "AN"	
8. Well Number 6	
9. OGRID Number 4323	
10. Pool name or Wildcat WC-025G06 S183518A; BONE SPRING	
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.)	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator CHEVRON U.S.A. INC.	
3. Address of Operator 15 SMITH ROAD, MIDLAND, TEXAS 79705	
4. Well Location Unit Letter: O 990 feet from the SOUTH line and 2310 feet from the EAST line Section 7 Township 18S Range 35E NMPM County LEA	
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	

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 checked="" 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"/>			
OTHER:		OTHER: RECOMPLETION TO BONE SPRING	
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.			
PLEASE FIND ATTACHED, REPORTS FOR WORK DONE FROM 06/03/2013 THROUGH 07/24/2013			
09/09/2013: ON 24 HR OPT. PUMPING 3 OIL, 4 GAS, & 10 WATER. GOR-1333			

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

Denise Pinkerton

TITLE: REGULATORY SPECIALIST

DATE: 10/10/2013

Type or print name: DENISE PINKERTON
For State Use Only

E-mail address: leakejd@chevron.com

PHONE: 432-687-7375

Petroleum Engineer

OCT 16 2013

APPROVED BY:

PA Reeves Queen

TITLE

DATE

Conditions of Approval (if any):

PA Reeves Queen, Northwest

OCT 16 2013



Summary Report

Major Rig Work Over (MRWO)
Completion - Reconfigure
Job Start Date: 6/3/2013
Job End Date: 7/24/2013

Well Name STATE 'AN' 006	Lease State 'AN'	Field Name Vacuum	Business Unit Mid-Continent
Ground Elevation (ft) 3,972.00	Original RKB (ft) 3,973.00	Current RKB Elevation	Mud Line Elevation (ft) Water Depth (ft)

Report Start Date: 6/3/2013

Com

CREW TRAVEL TO LOCATION.

JSA

RIG UP PULLING UNIT

NU BOP AND ANNULAR & FUNCTION TEST.

RIG UP FLOOR AND TOOLS.

FORKLIFT SET IN LAYDOWN MACHINE, AND PIPE RACKS WHILE WAITING ON TBG TO BE DELIVERED.

FORKLIFT UNLOAD 284 JTS 2.875" L-80 RENTAL WORK STRING. AND TALLEY TBG.

PICK UP AND WEATHERFORD RBP AND TEST BOP (BLINDS AND RAMS)

PICK UP 4.75" ROCK BIT, BIT SUB, 6-3 1/8" DRILL COLLARS

PICK UP 130 JTS 2.875" WORK STRING AND TAG FIRST PLUG AT 4357'. SWFN

CREW TRAVEL HOME

Report Start Date: 6/4/2013

Com

Crew travel to location

Review JSA's on working around Power Swivel, review Tenet 4, Haz wheel on over head loads, review Ecolors due to WSM change over on location, Check tubing elevators for correct size and document.

RU Power Swivel and Stripping Head

Displace packer fluid to FW

DO CMT & CIBP

CO to 4700'

Continue to displace packer fluid w/ FW

R/D power swivel

TOH w/ MTB & LD

START RIH w/ 5-1/2 X 2-7/8 AS1-10K packer using 2-7/8" WS to 2273' SDFN, SECURE WELL

CREW TRAVEL

Report Start Date: 6/5/2013

Com

CREW TRAVEL TO LOCATION

REVIEW JSA'S ON RIH W/ PACKER AND SET, DETERMINE INJ RATE PROCEDURES, REVIEWED TENET 5, HAZ WHEEL 5 ON OVER HEAD LOADS, ECOLORS DISCUSSION WITH EXAMPLES ON HOW BLUE/YELLOW COULD GET HURT, UTILIZE SWA ON HOT WEATHER CONDITIONS, AND TO DRINK PLENTY OF FLUIDS, INSPECTED AND CALIPERED TUB ELV FOR CORRECT SIZE AND LOGGED.

FINISH RIH W/ 5-1/2 X 2-7/8 AS1-10K PACKER USING 2-7/8" WS TO 4333

SET 5-1/2 X 2-7/8 AS1-10K PACKER USING 2-7/8" WS @ 4333 W/ 10K

DETERMINED INJ RATE FROM PERFS @ 4425-4670 W/ 1500 PSI, LOST 400 PSI IN 20 MIN, BLEED OFF PRESSURE

POOH LD 5-1/2 PACKER

TIH W/ 2-7/8 WS, 6 - 3-1/2 DC & 4-3/4 MTB TAGGED UP ON CMT @ 5030

REVIEWED JSA ON PU & OPERATING POWER SWIVEL, IDENTIFIED HAZARDS ASSOCIATED W/ PU & OPERATING POWER SWIVEL

PU & RU POWER SWIVEL

DRL CMT TO 5050

CIRC HOLE CLEAN, SECURE WELL SDFN

CREW TRAVEL

Report Start Date: 6/6/2013

Com

CREW TRAVEL TO LOCATION

REVIEW JSA'S ON DRILLING AHEAD, TRIPPING PIPE, R/D & R/U POWER SWIVEL, TENET 6, HAZ WHEEL 6, ECOLORS, DISCUSSION W/ G/R ON THE JOB TENDENCIES & AFFECTS DURING OPS, WEATHER CONDITIONS COOLER, BUT STILL DRINK PLENTY OF FLUIDS, MAINTAIN GOOD COMMUNICATION, INSPECTED AND CALIPERED TUB ELV FOR CORRECT SIZE AND LOGGED.

0 PRESSURE, FINISH DRL CMT/CIBP @ 5050, VARIFIED THROUGH CIBP

CIRCULATE HOLE CLEAN

R/D & L/D POWER SWIVEL

POOH & STAND BACK 2-7/8 WS & 3-1/2 DC TO CHANGE BIT

TIH W/ 2-7/8 WS & 3-1/2 DC & NEW 4-3/4 MTB TO 8714

PU & RU POWER SWIVEL

START DRL CMT F 8714 - T8722

CC HOLE CLEAN, SECURE WELL, SDFN

CREW TRAVEL



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Major Rig Work Over (MKWO)
Completion - Reconfigure
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Job End Date: 7/24/2013

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Report Start Date: 6/7/2013

Com

CREW TRAVEL

REVIEW JSA'S ON DRILLING AHEAD, WELL CONTROL ISSUES WHILE DRL AHEAD & TRIPPING PIPE, R/D & R/U POWER SWIVEL, TENET 7, HAZ WHEEL 6, ECOLORS, DISCUSSION W/ ON THE JOB TENDENCIES & AFFECTS DURING OPS. MAINTAIN GOOD COMMUNICATION, MONITOR WEATHER CONDITIONS, INSPECTED AND CALLIPERED TUB ELV FOR CORRECT SIZE AND LOGGED.

FINISH DRL OUT CMT & CIBP F 8722 - T 8800 TD

CC W/ 4% KCL

RD & LD POWER SWIVEL

TOH & LD 7300 OF 2-7/8 WS, LEAVE 1500' KILL STRING, SECURE WELL, SDF WEEKEND

MOVE IN AND SET PIPE RACKS AND MOVE IN 3 1/2 FRAC TUBING, SECURE WELL

CREW TRAVEL

Report Start Date: 6/10/2013

Com

CREW TRAVEL

REVIEW JSA'S ON TRIPPING OUT OF HOLE & R/U WIRE LINE UNIT, TENET 10, HAZ WHEEL 10, HOW ECOLORS AFFECTS TASK DURING OPS, MAINTAIN GOOD COMMUNICATION.

INSPECTED AND CALLIPERED TUB ELV FOR CORRECT SIZE AND LOGGED.

50 PSI ON CSG SIDE, BLED DOWN PRESSURE, TOH & LD 2-7/8 WS, DC & MTB

N/D ADP BOWL & ANNULAR

CHANGE OUT 2-7/8 RAMS TO 3-1/2

TEST 3-1/2 RAMS, 500 PSI FOR 5 MIN, TEST GOOD

WO BAKER HUGHES WIRE LINE TRUCK

REVIEWED JSA ON R/U & RUN NEUTRON LOG W/ WIRELINE, TESTING LUB TO 1000 PSI

RU WIRE LINE LUB & RELATED EQ

TEST LUB TO 1000 PSI, TEST GOOD

RUN NEUTRON LOG F8800 - T4800, SECURE WELL, SDFN

CREW TRAVEL

Report Start Date: 6/11/2013

Com

CREW TRAVEL TO LOCATION

JSA

RIH W CBL, UNABLE TO MAINTAIN FLUID LEVEL (LOWER ZONE TAKING WATER). POOH, RIH AND SET CIBP AT 8,795'. MAKE 2 RUNS TO DUMP 35' CEMENT ON TOP OF CIBP. NEW PBTD 8760'. RUN CBL LOG, TOC-3,700'+/- . SWH SDFN

CREW TRAVEL HOME

Report Start Date: 6/12/2013

Com

CREW TRAVEL TO LOCATION

JSA

PERFORATE 2ND BONESPRING ZONE : 8,600'-05', 8,665'-70', 8,730'-35' 3SPF/90 DEG PHASING/BAKER 4" EHC PREDATOR XP. TOTAL 45 HOLES.

RD BAKER WL

JSA

RU HYDROTESTER

SAFETY MEETING WITH CHEVRON SAFETY REPS

RIH W 5.5" AS-1X PKR, 10' BLAST JOINT, XO 2.875"X3.5", 3.5" SN, 271 JTS 3.5" L-80 FRAC STRING *ALL BHA AND STRING HYDROTESTED TO 8,000 PSI BELOW THE SLIP. TOTAL RIH TODAY 150 JTS 4,721'. SWH, SDFN

TRAVEL HOME.

Report Start Date: 6/13/2013

Com

CREW TRAVEL TO LOC

JSA

FINISH RIH WITH FRAC STRING WHILE HYDROTESTING TO 8K PSI BELOW THE SLIPS. RIH TO 8,505' (100' ABOVE PERFS)

SET PKR, PKR SET AT 8,505' PACKED OFF WITH 30K#. PKR SETTING 25K# COMPRESSION.

NU 10K FRAC STACK

TEST ALL COMPONENTS OF FRAC STACK TO 8K PSI (ALL VALVES GOOD TEST) DOUBLE VALVE ASSY ON TOP OF TBG. ALL FLANGE COMPONENTS TIGHTEND BY THIRD PARTY NU CREW.

CREW TRAVEL HOME



Summary Report

Major Rig Work Over (MRWO)
Completion - Reconfigure
Job Start Date: 6/3/2013
Job End Date: 7/24/2013

Well Name STATE 'AN' 006	Lease State 'AN'	Field Name Vacuum	Business Unit Mid-Continent
Ground Elevation (ft) 3,972.00	Original RKB (ft) 3,973.00	Current RKB Elevation	Mud Line Elevation (ft) Water Depth (ft)

Report Start Date: 6/14/2013

Com

CREW TRAVEL TO LOCATION

JSA

RIG UP FRAC CREW

81,000 - 87,355
WHPSI TBG/70 PSI, ANNULUS/0 PSI, FRAC LOWER ZONE OF 2ND BONE SPRINGS, 0 BBL TO LOAD, INITIAL BRKDOWN 4,290 PSI, HIGH RATE BRKDOWN 5,634 PSI, SPEAR HEAD 3,000 GAL 15% HCL ACID, PRE-PAD, PAD, 0.5 PPG SLF 20/40 WHITE, 1.0 PPG SLF 20/40 WHITE, 2.0 PPG SLF 20/40 WHITE, 2.5 PPG SLF 20/40 WHITE, 3.0 PPG SLF 16/30 SUPER LC RCS, 4.0 PPG SLF 16/30 SUPER LC RCS (CUT SAND 250 SACKS EARLY DUE TO PRESSURE RIDING MAX PSI) ***4.0 PPG SLF HIT FORMATION AND PRESSURE DROPPED 1,500 PSI. FLUSHED VIA TUB BYPASS AND FLUSHED TO TOP PERF. ISIP-3,940 PSI, 5 MIN-3,872 PSI, 10- MIN-3,849 PSI, 15 MIN-3,834 PSI, FRAC GRADIENT 0.882 PSI/FT. AVG'S: 32.5 BPM / 7.028 PSI, TOTAL LOAD: 2,329 BBL, 820 SACKS 20/40 WHITE SAND, 430 SACKS 16/30 SUPER LC SAND (250 SACKS 26/30 SUPER LC TO BE RETURNED TO BAKER FACILITY) SWH, SDFN.

RIG DOWN FRAC CREW

CREW TRAVEL HOME

Report Start Date: 6/15/2013

Com

OPEN WELL AT 0200 NM WITH 3,800 PSI. FLOWED WELL AT 40 BWPH FOR THE DAY, ENDING WITH 50 BWPH AT 1,800 PSI. NO HYDROCARBONS OR GAS. RECOVERED 1,387 BBL OUT OF 2,600 BBL FRAC LOAD

Report Start Date: 6/16/2013

Com

WELL FLOWED DOWN TO 20 PSI AT 8 BWPH. NO HYDROCARBONS. LOAD LEFT TO RECOVER 961 BL

Report Start Date: 6/17/2013

Com

Travel time

hsm, discuss tent #7, hazard id #7 e-colors #7 review jsa's and sop's discussed drills caliper tbg elevators and document on daily sheet in dog house
nd flow back line nd frac valves

release pkr pooh w/ and l.d. 13 jls. 3 1/2 stoid rest in derrick

baker alias 1.5 hrs late waiting on guns to get to thier shor

ru e-line hsm, rih w/ jb and gr to 8425' ok pooh and l.d. jb gr sdon lighting

Report Start Date: 6/18/2013

Com

Travel Time

JSA, TGSM, discussed tenet #8, Hazard ID #8, E-colors. Caliper tubing, and document. Well had 100 psi. bled down.

RIH w/ 5.5" cbp and set @ 8404. Tagged plug. ROH w/ setting tools.

RIH w/ Perf Guns, Perferated from 8206 - 8210, 8264 - 8268, 8302 - 8306, 8329 - 8333. ROH w/ tools.

MIRU hydrotesters, TIH w/ 5.5" AS1-X (10k) PKR w/ 5 1/2" x 2 7/8" T2 O/O Tool w/ sand deflector shield and 2.25 "F" Harden seal nipple, blast jt, 3 1/2" x 2 7/8" XO. & hydrotested 3.5" frac sling to 8000 psi below slips. Tested BS to 500 psi, held. Installed frac valves, tested to 8000 psi. Held. Packer set @ 8151'.

Travel Time

Report Start Date: 6/19/2013

Com

Crew Travel

JSA, TGSM, Discussed Tenet #9, Hazard ID #9.

Wait on Baker Hughes

Baker arrives on location. Spotted pump trucks and other equipment in place. Crane arrives on location.

Crane Operator arrives on location. Found crane operator not in compliance with safeland and other safety training. Waited on another operator.

Lightening and strong winds. To dangerous to rigup crane. Called Larry Birklebach, agreed to Frac Thursday Morning.

Crew Travel

Report Start Date: 6/20/2013

Com

CREW TRAVEL TO LOCATION

JSA

RIG UP FRAC CREW, TEST LINES TO 8355 PSI, TEST INLINE POPOFF TO 7250, SET CASING POP OFF @ 600 PSI. PUT 300 PSI ON CASING.



Summary Report

Major Rig Work Over (MRWO)
Completion - Reconfigure
Job Start Date: 6/3/2013
Job End Date: 7/24/2013

Well Name STATE 'AN' 006	Lease State 'AN'	Field Name Vacuum	Business Unit Mid-Continent
Ground Elevation (ft) 3,972.00	Original RKB (ft) 3,973.00	Current RKB Elevation	Mud Line Elevation (ft) Water Depth (ft)

8206-8333 Com
FRAC MIDDLE ZONE OF 2ND BONE SPRINGS. 0 BBL TO LOAD, INITIAL BRKDOWN- 4357 PSI. START SLICK WATER BREAKDOWN W/ 4421 PSI @ 12.2 BPM. STARTED PUMPING 3,000 GAL 15% HCL ACID BALL JOB, DROPPING 72 - 7/8" 1.3 SG. DID SEE LITTLE BALL ACTION. START OVERFLUSH AND SURGE BALLS @ 6472 PSI. PRE-PAD, PAD, PUMPED 1000# OF 0.5 PPG SLUG TO SEE IF FORMATION WOULD TAKE IT. SHUT PUMPS DOWN AFTER TALKING TO ENGINEER. SURGE BALLS AND READJUST PRESSURE POPOFF TO 7800 PSI. CONTINUE TO PUMP NEW PAD, INCREASED PRESSURE TO 7188 @ 30 BPM. STARTED PUMPING SLF 20/40 WHITE, 1.0 PPG SLF 20/40 WHITE, 2.0 PPG SLF 20/40 WHITE, 2.5 PPG SLF 20/40 WHITE, 3.0 PPG SLF 16/30 SUPER LC RCS, 4.0 PPG SLF 16/30 SUPER LC RCS (CUT SAND EARLY ON 2.5 # AND 3 #, RIDING 7400 PSI) ***4.0 PPG SLF HIT FORMATION AND PRESSURE @ 7353 PSI. STARTED FLUSHED DOWN TO BOTTM PERF. ISIP- 4007 PSI, 5 MIN-3988 PSI, 10- MIN-3988 PSI, 15 MIN- 3972 PSI. MAX PSI 7410, MIN PSI 6848, AVG. 7077 PSI. AVG INJ. RATE 30. 7 BPM. PUMPED 80,049# OF 20/40 WHITE SND AND 59,941# OF 16/30 SUPER LC. TOTAL LOAD TO RECOVER 3005 BBLS.

RIG DOWN FRAC CREW

START TO RU GRAY WIRELINE SLICKLINE, NOTICE THAT THERE EQUIPMENT HAD LOW PRESSURE VALVE AND PUMPING TEE MIXED IN WITH 5000 PSI LUBRICATOR. STOP JOB, CALLED OUT FOR ANOTHER WIRELINE.

SLICKLINE ARRIVES ON LOCATION, HAD TO CALL OUT FOR PUMP TRUCK. COULD NOT LOCATE ONE. SDPD. SECURED WELL.

CREW TRAVEL HOME

Report Start Date: 6/21/2013

Com

CREW TRAVEL TO LOCATION

JSA, TGSM, SLICKLINE WORKING W/ HIGH PRESSURE. SAFETY DRILLS & INSPECTION

RU SLICKLINE AND PRESSURE TEST LUBRICATOR TO 4500 PSI.

EQUALIZE AND RIH W/ 2.31 GAUGE RING TO 8144 BY WIRELINE DEPTH. ROH W/ SLICKLINE AND 2.31 GAUGE RING.

PUT 2.25 "F" PROFILE PLUG AND RIH AND LATCHED TO PROFILE. PRESSURED UP TO 4200 PSI. SHEARED OF PLUG. NO PRESSURE DROP. ROH W/ SLICKLINE.

*****NOTE: THERE IS 3600 PSI BELOW PACKER & PLUG. WELL WAS NOT FLOWED BACK*****

bled well down slow above PKR & PLUG AND HAD NO PRESSURE. PLUG HOLDING

RD SLICKLINE

CHANGE OUT TUBING LINE ON PULLING UNIT AND REPAIR SEAL LEAK ON REAR WHEEL AXLE

Report Start Date: 6/24/2013

Com

CREW TRAVEL

SAFETY MEETING AND JSA REVIEW

TOH WITH 3.5" FRAC STRING LAYING DOWN 13 JTS

RIH W/ GAUGE RING AND JUNK BASKET, AND PERF GUNS TO 7877-7881/8004-8008/8068/8072/8110-8114'

TIH W/ KILL STRING 20 STANDS

CREW TRAVEL

Report Start Date: 6/25/2013

Com

CREW TRAVEL

HELS SAFETY MEETING AND REVIEW JSA'S, CALIPER 3 1/2" ELEVATOR, DISCUSS WELL CONTROL

WELL PRESSURE=0#, OPEN WELL

TOH LD 12' JTS, STAND BACK 248 JTS

MIRU PIPE TESTERS, START TIH TESTING 3 1/2" WS TO 8,000#

CREW LUNCH, REVIEW JSA'S.

CONTINUE TESTING TBG TO 8,000#.

KB-16.00'

249 JTS 3 1/2" WS 7782.06'

3 1/2" SEATING NIPPLE 1.10'

3 1/2" X 2 7/8" XO .60'

2 7/8" BLAST JT 9.44'

5 1/2" X 2 7/8" ASI-XPKR (10K) 6.97'

PKR SET @ 7816.17'

PKR 61' ABOVE PERFS

NEW PERFS 7877' TO 8114'

NU 2-10K FRAC VALVES AND TEST TO 8,000# GOOD. SHUT IN WELL

MOVE OUT LD MACHINE AND RIG DOWN PULLING UNIT. CLEAN LOCATION

CREW TRAVEL

PREP TO TO MOVE RIG TO SHELLY UNIT 907, AN# 6 READY TO FRAC

Report Start Date: 6/30/2013



Summary Report

Major Rig Work Over (MRWO)
Completion - Reconfigure
Job Start Date: 6/3/2013
Job End Date: 7/24/2013

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Com
SPOT EQUIPMENT, HELD SAFETY MEETING MIRU.
TIH WITH TOOLS, COULDN'T GET CCL TO GET READINGS, LD TOOLS TWICES. TO CHANGE OUT TOOLS.
TIH WITH 2 1/8" PERF GUNS TO SHOT HOLES IN 5 1/2" CSG FROM 7977' TO 7981'. 3 SHOTS PERF FOOT, TIE INTO BAKER CMT BOND LOG (6-11-2013), TOH LD TOOLS AND RIG DOWN BAKER HUGHES WIRE LINE.
WELL READY TO FRAC.
Report Start Date: 7/1/2013
Com
SPOT EQUIPMENT, CHECK WATER VOLUMES AND QUALITY GOOD,
WAITED ON CREW AND MECHANIC TO REPAIR CRANE
HELD SAFETY MTG. REVIEW JSA'S AND TENET #1, HAZARD WHEEL.
MIRU, ACID JOB
TEST LINES TO 8100#, PUMP 3,000 GALS 15% HCL DN 3 1/2" TBG, ACID PERFS FROM 7877' TO 8114', DROP 90 BBLS, BALL ACTION ON FIRST 2 STAGES, NO BALL ACTION ON LAST STAGE, SURG BALLS OFF SEAT.
3 STAGES BALLS, 30 BALL A DROP, 3 STAGES ACID, 2-STAGES OF 750 GALS, LAST STAGE 17 BBLS ACID. FLUSH TO BOTTOM PERF
BALL ACTION 1ST STAGE 4300# TO 4500#, 2ND STAGE BALL ACTION 4500# TO 7600#.
MAX PRESS=7600#. MIN PRESS=4000#. RATE MIN 5BPM MAX RATE 10-BPM.
NOTE, DURING FLUSH NOTICE 2ND ACID COMPARTMENT WAS NOT OPEN, LAST 1500 GALS WAS PUMP DURING FLUSH. 8 BBLS ACID WAS LEFT IN 2ND ACID COMPARTMENT.
FRAC
1ST STAGE PRE-PAD 104 BBLS 4415 PSI RATE 23.8 BPM, 2ND STAGE PAD XLINK 654 BBLS 6270 PSI RATE 26.5 BPM 3RD STAGE 5# PPG 121 BBLS
WHITE SAND 2040 7249 PSI 26.9 BPM, 4TH STAGE 1.0 PPG 238 BBLS WHITE SAND 2040 PRESS=7130 26.5 BPM, 5TH STAGE 2.0 PPG 388 BBLS
WHITE SAND 2040 7968 PSI RATE 26.3 6TH STAGE 2.5 BBLS 275 BBLS 2040 7080 PSI RATE 26 BPM, 7TH STAGE 3 PPG 325 BBLS 16130 SUPER LC
7248 PSI RATE 25.2 BPM, 7TH STAGE 4 PPG 16130 SUPER LC 7450 PSI RATE 25.4 BPM, 8TH STAGE FLUSH 75 BBLS TO BOTTOM PERF 6900 PSI
RATE 25 BPM
ISIP=4326 5-MIN SI=4235 10-MIN SI=4202 15-MIN SI=4181 TFTR=2552 BBLS MAX TREATING PRESSURE=7249 MIN TREATING
PRESSURE=7100 MAX RATE=26.5 MIN RATE=25.9
NOTE: ON STAGE 5 OF FRAC 21,534# SHORT EST TOTAL 82,000# PUMP 60,437#.
RIG DOWN FRAC CREW. MOVE FRAC EQUIPMENT TO VGSAU 140
RIG UP FLOW BACK LINE. TO FLOW BACK IN A.M.
Report Start Date: 7/2/2013
Com
TRAVEL TO LOC
JSA
WHPSI - 3,800 PSI. START FLOWING WELL AT 40 BWPH FINISHED THE DAY FLOWING 10/48 CHOKE AT 3,400 PSI @ 47 BWPH. FLOWED 650 BBL.
NO HYDROCARBON. SAND IN RETURNS. LTR-1,500 BBL
Report Start Date: 7/3/2013
Com
Report Start Date: 7/4/2013
Com
Report Start Date: 7/5/2013
Com
Report Start Date: 7/6/2013
Com
Report Start Date: 7/7/2013
Com
Report Start Date: 7/8/2013
Com
Report Start Date: 7/12/2013
Com
SAFETY MEETING, REVIEW JSA'S, TENET
#2, HAZARD WHEEL, CHECK WORKING AREA.
CHECK WELL PRESSURE, 1000 # ON TUBING. R/U FLOW BACK LINE. PRESSURE BLED DOWN TO 100 #. MOVE IN, R/U GRAY WIRELINE TO RUN
PRODUCTION LOG.
PRODUCTION LOG WITH TEMP. SURVEY, GRAY WIRELINE.
R/D GRAY WIRELINE.
WAITING ON RIG.



Summary Report

MAJOR RIG WORK OVER (MKWO)
Completion - Reconfigure
Job Start Date: 6/3/2013
Job End Date: 7/24/2013

Well Name STATE 'AN' 006	Lease State 'AN'	Field Name Vacuum	Business Unit Mid-Continent
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Report Start Date: 7/13/2013	
Com	
ALL CREW TRAVEL	
SAFETY MEETING, REVIEWED JSA'S, TENET #3, HAZARD WHEEL, DISCUSS WELL CONTROL	
RIG UP PULLING UNIT, LAY DOWN MACHINE, REVERSE UNIT.	
CHECK WELL PRESSURE 500# ON TBG, BLEED PRESSURE OFF, REMOVED FRAC VALVES AND NIPPLED UP ANNULAR BOP.	
CREW LUNCH, REVIEWED JSA'S.	
TESTED BOPs AT 250 LOW AND 1000 HIGH, HOOKED UP V-PAN, RIGGED UP TUBING FLOOR, CHANGED OUT DIES ON BACKUP FROM TUBING TONGS, RELEASED PACKER, LET PRESSURE EQUALIZE, PACKER FREE.	
SHUT IN WELL AND SHUT DOWN.	
CREW TRAVEL	
Report Start Date: 7/15/2013	
Com	
ALL CREW TRAVEL.	
SAFETY MEETING, REVIEWED JSA'S, TENET #5, HAZARD WHEEL, DISCUSSED WELL CONTROL AND ELEVATOR SAFETY.	
WELL PRESS= 500#, BEGAN LAYING DOWN 3 1/2" L-80 TUBING W/TURN DOWN COLLARS.	
CONDUCTED SAFETY STAND DOWN, DISCUSSED OBSERVATIONS FROM PREVIOUS DAYS WORK.	
CONTINUED TO LAY DOWN 3 1/2" TUBING.	
CREW LUNCH REVIEWED JSA'S.	
CONTINUED TO LAY DOWN 3 1/2" WS, LAYED DOWN TREATING PACKER, BLAST JOINT, FLIPPED BELLS, LAYED DOWN 3 1/2" YT ELEVATORS, MOVED OUT 3 1/2" WS WITH TURNED DOWN COLLARS, MOVE IN 292 JTS 2 7/8" L-80 WS, CHANGE OUT BOP RAMS TO 2 7/8", RACK AND TALLY 2 7/8" WS.	
PU 5 1/2" PKR 15" IN, AND TESTED PIPE RAMS ON BOP TO 250 # LOW AND 500 # HIGH, YOH LD PKR, PU RH ON 2 7/8" WS 82 JTS EOT @ 2580'.	
ALL CREW TRAVEL.	
PREP TO CONTINUE PU WS, WASH SAND OFF PKR.	
Report Start Date: 7/16/2013	
Com	
CREW TRAVEL.	
HELD SAFETY MEETING, REVIEWED JSA'S, TENET #6, HAZARD WHEEL #6, E-COLORS, HAZARD HUNT, DISCUSSED WELL CONTROL, CALIPERED 2 7/8" ELEVATORS.	
CHANGED OUT TBG TONGS, TUBING PRESS. AT 100#, BLEED OFF PRESS, RUN 2 7/8" WS, RACK AND TALLY 117 JTS 2 7/8" WS AND CONTINUE PU TUBING, TAG UP @ 8125', 28' OF FILL-TO C/O.	
REVIEW JSA'S, CREW LUNCH	
RU POWER SWIVEL, BROKE CIRC.	
C/O SAND AND BALL SEALERS FROM 8125' TO 8153', CIRC CLEAN, LATCH UP ON PKR WITH NOO PROBLEMS, UN LATCH	
LD 1-JT AND RD POWER SWIVEL, RIG UP TBG TONGS	
TOH W/2 7/8" WS, EOT @ 1845', SHUT IN WELL AND SHUT DOWN	
CREW TRAVEL	
PREP TO LATCH ON TO PKR, PULL BLANKEN PLUG AND TOH.	
Report Start Date: 7/17/2013	
Com	
CREW TRAVEL	
HELD SAFETY MEETING, REVIEWED JSA'S, TENET #7, HAZARD WHEEL #7, E-COLORS, HAZARD HUNT, DISCUSSED WELL CONTROL, CALIPERED 2 7/8" ELEVATORS.	
TUBING PRESSURE AT 50#, BLEED OFF TO 0#, CONTINUED TOH W/2 7/8" WS.	
SHUT DOWN DUE TO HEAVY RAIN.	
CONTINUED TOH W/2 7/8" WS, TOTAL OF 259 JTS, 2 6' SUBS, AND 8' SUB TO DEPTH OF 8164', LATCHED ON TO PACKER, SHUT IN AND SHUT DOWN.	
CREW TRAVEL	
NOT ABLE TO PROCEED DUE TO 3000# RATING OF GRAY SLICKLINE, NOT MEETING REQUIREMENT OF 3600# EQUALIZATION PRESSURE BELOW PLUG.	
Report Start Date: 7/18/2013	
Com	
CREW TRAVEL	
CONDUCTED SAFETY MTG, REVIEWED JSA'S, TENET #8, HAZARD WHEEL #8, HAZARD HUNT, DISCUSSED WELL CONTROL AND SLIPPING HAZARDS, CALIPER 2 7/8" ELEVATORS.	
SET UP LUBRICATOR AND TESTED TO 1000#. RAN SLICKLINE, PRESSURED UP TO 1000#, AND PUNCTURED BRASS, LAID DOWN PUNCTURE TOOL AND RU RT.	
RAN IN RT AND RETRIEVED BLANKEN PLUG 8151', R/D LUBRICATOR AND SLICKLINE.	



Summary Report

Major Rig Work Over (MRWO)
Completion - Reconfigure
Job Start Date: 6/3/2013
Job End Date: 7/24/2013

Well Name STATE 'AN' 006	Lease State 'AN'	Field Name Vacuum	Business Unit Mid-Continent
Ground Elevation (ft) 3,972.00	Original RKB (ft) 3,973.00	Current RKB Elevation	Mud Line Elevation (ft) Water Depth (ft)

Com

REVIEWED JSA'S. CREW LUNCH.

RELEASE PACKER. TOH 2 7/8" WS. OVO TOOL AND PACKER.

P/U 4 3/4" BIT, BIT SUB, 6- 3.5" COLLARS, AND TOP SUB. BHA LENGTH 189.68'. TIH 80 JTS 2 7/8" TUBING TO DEPTH OF 2689'. SHUT IN WELL AND SHUT DOWN.

CREW TRAVEL

DRILL OUT CB PLUG.

Report Start Date: 7/19/2013

Com

CREW TRAVEL.

CONDUCTED BOP DRILL AND HAD POST DRILL DISCUSSION. CONDUCT SAFETY MEETING. REVIEWED JSA'S, TENET #9, HAZARD WHEEL #9, AND HAZARD HUNT. CALIPERED 2 7/8" ELEVATOR.

CONTINUED TIH 2 7/8" WS. TAGGED SAND AT 8322'. R/U POWER SWIVEL.

C/O SAND. CIRCULATE FLUID. R/D POWER SWIVEL. CONT TIH W/ 2 7/8" WS.

CREW LUNCH. REVIEWED JSA'S.

CONT TIH 2 7/8" WS. TAGGED CBP AT 8423'. R/U POWER SWIVEL. W/O SAND AND DRILLED OUT TO 8730'. CIRC. HOLE CLEAN. USED 4% KCL THROUGHOUT. R/D POWER SWIVEL.

CONT TOH LEAVING 123 JTS 2 7/8" TUBING TO DEPTH OF 4052'. SHUT IN WELL AND SHUT DOWN.

CREW TRAVEL.

L/D 2 7/8" WS AND BIT. P/U 2 7/8" PROD TUBING & BHA

Report Start Date: 7/22/2013

Com

CREW TRAVEL

CONDUCTED SAFETY MTG. REVIEWED JSA'S, TENET #2, HAZARD WHEEL #2, E-COLORS, AND HAZARD HUNT. DISCUSSED WELL CONTROL. CALIPERED 2 7/8" ELEVATORS.

REVIEWED JSA'S. TUBING PRESSURE AT 300#. BLEED OFF TO 0#. L/D 123 JTS 2 7/8" WS AND 6- 3.5" COLLARS. L/D 4 1/2" MILL TOOTH BIT.

MOVE OUT 2 7/8" L-80 WS. MOVE IN AND TALLY 2 7/8" L-80 PRODUCTION TUBING.

P/U BHA

BHA COMPONENTS:

2 ENDURA JTS - 64.71'

1- 2 7/8" MECH SN - .84'

1- 2 7/8" DESANDER - 23.85'

1- 2 7/8" SUB - 4'

1- 2 7/8" MJ - 25.85

P/U 2 7/8" L-80 PRODUCTION TUBING.

CREW LUNCH. REVIEWED JSA'S.

CONTINUED P/U 2 7/8" L-80 TUBING STRING. SETTING DEPTH = 8675.31'

STRING COMPONENTS:

234 JTS 2 7/8" PROD. TUBING - 7649.71'

1- 2 7/8" SUB - 4'

2 JTS 2 7/8" PROD. TUBING - 65.46'

1- 5 1/2" TAC - 2.75'

25 JTS 2 7/8" PROD. TUBING

2 ENDURA JTS - 64.71'

1- 2 7/8" MECH SN - .84'

1- 2 7/8" DESANDER - 23.85'

1- 2 7/8" SUB - 4'

1- 2 7/8" MJ - 25.85

R/D TONGS, TUBING FLOOR, AND PAN.

NIPPLED DOWN BOP. SET TAC, 20K # @ 35". LAND 2 7/8" X 3K B-1 FLANGE.

N/U ROD BOP, SHUT IN WELL AND SHUT DOWN.

CREW TRAVEL

P/U PRODUCTION RODS.

Report Start Date: 7/23/2013



Summary Report

Major Rig Work Over (MRWO)
Completion - Reconfigure
Job Start Date: 6/3/2013
Job End Date: 7/24/2013

Well Name STATE 'AN' 006		Lense State 'AN'	Field Name Vacuum	Business Unit Mid-Continent	
Ground Elevation (ft) 3,972.00	Original RKB (ft) 3,973.00	Current RKB Elevation		Mud Line Elevation (ft)	Water Depth (ft)

Com	
TRVL / Hobbs to AN - #06 well site	
HTGSM, fill out JSA's & review	
Wait on rods to be delivered	
Unload rods & prep rods, PU pump & bucket test, RIH w/ pump & two sinker bars & well is over flowing. SD & try to get D & L envirovat to start, Mechanic showed up w/ diesel & primed the unit (Rig crew called for diesel @ 07:30)	
RIH w/ pump, 4' x 3/4" pony rod, eleven 1.5" Kbars & 80 - 7/8" Grade D steel rods	
SD for lunch	
Finish TIH w/ 7/8" steel rods (212 total), install polish rod & stuling box	
SIWFFN, Debrief crew	
Crews Trvl home	
Report Start Date: 7/24/2013	
Com	
TRVL / Hobbs yard to State AN #06 well site, SITP = 50 psi, SICP = 50 psi	
Hold tailgate safety mtg w/ all contractors on location, caliper 1.25" rod elevators w/ pony rod	
Open well (csg) to FB tank, RU Enviro vat to tbq & flow well through Enviro vat, swap out long dies & set torques to run fiberglass rods	
TIH w/ one 26' x 1.50" polish rod, one 3' x 1.25" FG pony rod, one 18' x 1.25" FG pony rod, 79 - 1.25" fiberglass rods, 212 - 7/8" steel Grade D rods, 11 - 1.50" K-bars w/ shear jt, one 4' x 3/4" pony and one 25' x 1.50" - RHBM - 26 - 6 pump, seat pump and test pump w/ reverse unit to 500 psi & stroke test to 500 psi, (tested good), space out rods & can't hang off due to no pumping unit on location	
RD rig, pump pit & all hardlines, L/O equip & prepare to move to Skelly Unit #961	