

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 August 1, 2011

HOBBES OCD

OIL CONSERVATION DIVISION

OCT 17 2013

1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. 30-025-25165
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name H.T. MATTERN NCT-B
8. Well Number 21
9. OGRID Number 4323
10. Pool name or Wildcat BLINEBRY OIL & GAS

SUDDRY 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 G 2310 feet from the NORTH line and 2310 feet from the EAST line Section 31 Township 21S Range 37E 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:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☐

OTHER:

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: RECOMPLETION TO BLINEBRY

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 7/31/2013 THROUGH 9/03/2013.

09/18/2013: ON 24 HR OPT. PUMPING 44 OIL, 275 WATER, & 139 GAS. GOR - 3159

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: 10/15/2013

Type or print name: DENISE PINKERTON

E-mail address: [leakejd@chevron.com](mailto:leakejd@chevron.com)

PHONE: 432-687-7375

For State Use Only

Petroleum Engineer

OCT 22 2013

APPROVED BY:

*PA Drinkard*

TITLE

DATE

Conditions of Approval (if any):

PA Drinkard



# Summary Report

Major Rig Work Over (MRWO)

Stimulation

Job Start Date: 7/31/2013

Job End Date: 9/3/2013

Well Name MATTERN, H.T. NCT-B 021		Lease Mattern, H.T. NCT-B	Field Name Blinebry Oil & Gas	Business Unit Mid-Continent	
Ground Elevation (ft) 3,481.00	Original RKB (ft) 3,495.00	Current RKB Elevation 3,495.00, <elvdttmstart>		Mud Line Elevation (ft)	Water Depth (ft)

Report Start Date: 7/31/2013

Com

MOVE RIG 20 MILES

SM JSA DISCUSS SPOT EQUIPMENT RU PRIMARY UNIT REMOVE HORSES HEAD RU FLOOR TOH HOTWATER TREAT TOH WITH RODS USE SPOTTER WHEN BACKING INSPECT OFFLOAD EQUIPMENT AND UNSECURE LOADS SET UP STRIKE ZONE FOR UNLOAD WINCH LINE WATCH FOR LINES THAT CAN BRAKE AND CABLES THAT CAN TANGLE MONITOR HYDRAULIC PRESSURE WHEN RU PRIMARY UNIT INSPECT ELEVATORS AND LIFT EQUIPMENT PRIOR TO USE STAY CLEAR OF HORSES HEAD WHEN REMOVED USE TAG LINES INSPECT SRL AND STAY TIED OFF 100% WHEN IN DERRICK SET UP STRIKE ZONE FOR HOTWATER TREATMENT AROUND BURNER AND LINES MONITOR PRESSURE AND TEMPERATURE REVIEW EVACUATION PROCEDURE LOTO PUMPING UNIT BRAKES

UNLOAD AND SPOT RIG AND EQUIPMENT

RU PRIMARY UNIT AND EQUIPMENT

DISASSEMBLE HORSES HEAD ND STUFFING BOX RU ROD BOP FLOOR AND TOOLS

RU HOT WATER TRUCK PRESSURE TEST LINES PUMP 80 BBLS WATER @ 200 DEG F

UNSEAT PUMP TOH WITH RODS TO 3750' NEED TO RE-TREAT FOR PARIFIN

SECURE WELL AND LOCATION

TRAVEL TO KEY YARD

Report Start Date: 8/1/2013

Com

TRAVEL TO LOCATION

SM JSA DISCUSS TREAT WELL TOH LD RODS NU BOP PRESSURE TEST TOH LD TUBING USE THREE POINT CONTACT WHEN GOING UP AND DOWN STAIRS DO NOT STEP ON LINES CABLES HOSES OR UNEVEN GROUND SET UP STRIKE ZONE FOR BURNER WHEN IN OPERATION AND WHEN PRESSURE TESTING LINE STAY OUTSIDE GUIDE LINES INSPECT PRV AND LIFT EQUIPMENT PRIOR TO USE STAY CLEAR OF SUSPENDED LOADS AND USE TAG LINE WHEN NU BOP

INSPECT SCE CHECK FLUID LEVELS ENGUAGE RIG SET COFO LIMITS BLOW DOWN WELL TAKE OFF NIGHT SECURITY NO PRESSURE ON TUBING OR CASING

RU TRUCK AND TREATING LINES PUMP 80 BBLS HOT WATER DOWN TUBING RD TRUCK AND LINES

LD RODS AND PUMP

NU BOP AND RU FLOOR

PU 5-1/2" 15.50# HD PRESSURE PACKER SET ON ONE JOINT PRESSURE TEST 250 LOW 1000 PSIG HIGH HELD OKAY

CHANGE OUT TOOLS RU POWER TONGS

LUNCH BREAK

TOH LD 213 JOINTS 2-3/8" EUE 8RD PRODUCTION TUBING AND BHA

SECURE WELL AND LOCATION

TRAVEL TO KEY YARD

Report Start Date: 8/2/2013

Com

TRAVEL TO LOCATION

SM JSA DISCUSS RU WIRELINE SET CIBP DUMP CEMENT TEST RD MOVE PIPE USE THREE POINT CONTACT WHEN GOING UP AND DOWN STAIRS DO NOT STEP ON LINES CABLES HOSES OR UNEVEN GROUND USE SPOTTER WHEN BACKING EQUIPMENT STAY CLEAR OF TRUCKS AND OBJECTS USE TAG LINE ON LUBRICATOR INSPECT LIFT EQUIPMENT PRIOR TO USE AND KNOW WEIGHTS OF LOADS STAY CLEAR OF WIRE DRUM WHEN IN MOTION AND KEEP HANDS AND FINGERS CLEAR OF UNION CONNECTION WHEN RU TO BOP TURN OFF CELLS PHONES AND ELECTRONIC EQUIPMENT WHEN ARMING CHARGES FOR CIBP STAY HYDRATED AND TAKE NECESSARY BREAKS SET UP STRIKE ZONE WHEN MOVING PIPE AND RACKS AND HAVE SPOTTER STAY CLEAR OF SUSPENDED LOADS REVIEW EMERGENCY EVACUATION PROCEDURE

INSPECT SCE CHECK PRESSURES AND FLUID LEVELS ENGUAGE RIG AND SET COFO LIMITS BLOW DOWN WELL 0 PSIG CASING AND TUBING

RU WIRELINE TRUCK LUBRICATOR AND EQUIPMENT

TIH WITH 4.625" GUAGE RING TO 6450' TAG WATER LEVEL 4300' TOH TIH WITH CIBP TO 6415' TIH TAG AND VERIFY SET OKAY

TIH WITH BAILERS DUMP CEMENT ON TOP OF CIBP (4) BAGS OF PORTLAND CEMENT 94# EACH CAPACITY IN 5-1/2" 15.50 LB 40' ON TOP OF CIBP

RD WIRELINE TRUCKS AND EQUIPMENT

FILL CASING WITH 102 BBLS PRESSURE TEST 250 LOW OKAY UNABLE TO REACH 1000 PSIG HIGH 800 PSIG WHILE PUMPING 3.5 BPM DROP TO 600 PSIG WHEN PUMP IS OFF AND CONTINUE TO DROP WITH BRADED HEAD PRESSURE 200 PSIG WITH WATER TO SURFACE WHEN PUMPING 0 PSIG WHEN PUMP IS OFF NO WATER TO SURFACE

CHANGEOUT PIPE RAMS TO 3-1/2'

RU PU/LD MACHINE PIPE RACKS AND LOAD 3-1/2" TUBING WS

SECURE WELL AND LOCATION

TRAVEL TO KEY YARD

Report Start Date: 8/5/2013

Com

TRAVEL TO LOCATION



# Summary Report

Major Rig Work Over (MRWO)

Stimulation

Job Start Date: 7/31/2013

Job End Date: 9/3/2013

Well Name MATTERN, H.T. NCT-B 021		Lease Mattern, H.T. NCT-B		Field Name Blinberry Oil & Gas		Business Unit Mid-Continent	
Ground Elevation (ft) 3,481.00	Original RKB (ft) 3,495.00	Current RKB Elevation 3,495.00, <elvdttmstart>			Mud Line Elevation (ft)	Water Depth (ft)	

Com

SM JSA DISCUSS PU PACKER AND 3-1/2" WS TIH PRESSURE TEST USE THREE POINT CONTACT WHEN GOING UP AND DOWN STAIRS DO NOT STEP ON LINES CABLES HOSES OR UNEVEN GROUND INSPECT SCE, PRV SRL AND LIFT EQUIPMENT PRIOR TO USE STAY 100% TIED OFF WHEN IN DERRICK KEEP HANDS AND FINGERS CLEAR OF MOVING EQUIPMENT SUCH AS TONGS ELEVATORS SLIPS AND PIPE AND RAILING SET UP STRIKE ZONE FOR PRESSURE TEST AND RELEASE TRAPPED PRESSURE STANDING TO THE SIDE

INSPECT SCE CHECK FLUID LEVELS ENGUAGE RIG AND SET COFO LIMITS CHECK PRESSURES SITP 0 SICP 0 SIBHP 0 PSIG BLOW DOWN WELL REMOVE NIGHT SECURITY

PU PACKER PRESSURE TEST 3-1/2" PIPE RAMS 500 PSIG HELD OKAY

TIH WITH TEST PACKER 5-1/2" PEAK HD TENTION SET 20PTS @ 654', 459', 267' 204, AND 140' HELD OKAY TIH SET @ 109' DID NOT PRESSURE TEST TOH TO 79' DID NOT PRESSURE TEST CASING LEAK FROM 79'-109'

CIRCULATE DOWN CASING TO BRADEN HEAD ESTABLISH AN INJECTION RATE BACK TO SURFACE @ 2 BPM WITH 300 PSIG INJECTION PRESSURE CIRCULATE HOLE CLEAN CONTACT ENGINEER

RD FLOOR ND BOP INSTALL B-1 ADAPTER FLANGE ON TOP OF WELL HEAD

LUNCH BREAK

WAIT ON CEMENT CREW

SM JSA REVIEW EVACUATION PROCEDURE STAY HYDRATED DO NOT STEP ON LINES CABLES HOSES OR UNEVEN GROUND USE THREE POINT CONTACT WHEN GOING UP AND DOWN STAIRS SET UP STRIKE ZONE FOR PRESSURE TEST AND WHEN PUMPING CEMENT INSPECT PRV PRIOR TO USE RELEASE TRAPPED PRESSURE STANDING TO THE SIDE STAY CLEAR OF HAMMER BLOW ANGLE EVERYONE HAS THE RESPONSIBILITY TO USE STOP THE JOB AUTHORITY IF NECESSARY

RU CEMENT TRUCK LINES AND EQUIPMENT PRESSURE TEST LINES 1000 PSIG HELD OKAY

PUMP 7 BBLs FRESH WATER DOWN CASING ESTABLISH CIRCULATION FROM CASING ANNULUS TO SURFACE PUMP 7 BBLs CEMENT CLASS C PUMP 1.25 BBL FRESH DISPLACEMENT PRESSURE UP TO 300 PSIG SHUT IN WELL HEAD CLEAN LINES AND EQUIPMENT AND ACROSS WELLHEAD VALVING

RD CEMENT TRUCK LINES AND EQUIPMENT

SECURE WELL AND LOCATION

TRAVEL TO KEY YARD

Report Start Date: 8/6/2013

Com

TRAVEL TO LOCATION

JSA REVIEW, WELL HANDOVER  
- SERVICE AND START RIG

JSA  
- 0 PSI CASING  
- ND B1  
- NU BOP, RIG FLOOR AND EQUIPMENT

JSA  
- SPOT TBG RACKS AND PROD TBG ON LOCATION

JSA  
- MAKE UP 4.75 CONE BIT AND RIH ON 3.5 TBG  
- TAG TOP OF CEMENT AT 79FT, RU POWER SWIVEL AND DRILL OUT TO CEMENT BOTTOM AT 98FT  
- PRESSURE UP CASING TO TEST CEMENT SQUEEZE AND WOULD NOT HOLD

JSA  
- RD POWER SWIVEL  
- POH WITH 3.5 TBG AND 4.75 BIT  
- PRESSURE UP CASING AND WOULD NOT HOLD, PUMPED 1 BBL/MIN AT 400 PSI  
- NOTIFY RE

JSA  
- RD RIG FLOOR AND EQUIPMENT  
- ND BOP  
- NU B1 ADAPTER FOR CEMENT SQUEEZE  
- SHUT IN WELL

TRAVEL FROM LOCATION

COULD NOT GET CEMENTERS FOR TODAY

Report Start Date: 8/7/2013

Com

TRAVEL TO LOCATION

JSA REVIEW  
- SERVICE AND START RIG

JSA  
- MIRU BASIC CEMENTERS



# Summary Report

Major Rig Work Over (MRWO)

Stimulation

Job Start Date: 7/31/2013

Job End Date: 9/3/2013

Well Name MATTERN, H.T. NCT-B 021		Lease Mattern, H.T. NCT-B	Field Name Blinebry Oil & Gas	Business Unit Mid-Continent	
Ground Elevation (ft) 3,481.00	Original RKB (ft) 3,495.00	Current RKB Elevation 3,495.00, <elvdttmstart>		Mud Line Elevation (ft)	Water Depth (ft)

Com

Basic Energy cement bulk truck was parked on location facing the north entrance of location. The Nabors water transport arrived at the entrance and was directed to the west side of the cement truck by Nabors employee. The Nabors driver pulled forward, circled wide and straightened out to soon striking the front of the Basic Semi truck with the rear of the transport trailer. He said that when he looked to the right of the vehicle and he lost sight of rear of trailer. The Nabors water hauler needed to pull on location so the Basic cement truck could leave to reload cement. There is minimal damage to the Nabors transport trailer and Basic truck, but there are positioned in a way that would further damage the vehicles if either is moved forward or reverse. Will need to pull the trailer away from the semi without moving forward or reverse.

NOTIFY HES SPECIALIST AND SUPERINTENDENT, COMPLETED REPORT

JSA

- P/T SURFACE LINES 250/1000 (TEST GOOD)
- OPEN WELL AND ESTABLISH INJECTION RATE 1 BBL/MIN @ 400 PSI, SWITCHED OVER TO CEMENT AND PUMPED CEMENT AT .7 BBL/MIN UNTILL 500 PSI WAS REACHED, SHUT DOWN PRESSURE DROP TO 400, BUMPED BACK UP TO 500 PSI 2 MORE TIMES AND SWITCHED TO FLUSH, FLUSHED 1 BBLs FRESH WATER, PRESSURE AT SOLID 500 PSI, W/ 2.5 BBLs OF CLASS C CEMENT W/ 2% CC PUMPED SHUT IN WELL
- BASIC BBL COUNTER MALFUNCTIONED AFTER STARTING CEMENT, RATES AND TOTAL BBLs PUMPED ARE APPROX.
- OPEN CASING VALVES TO FLUSH OUT CEMENT, PRESSURE BACK UP TO 500 PSI, HELD GOOD
- RDMO BASIC

TRAVEL FROM LOCATION

Report Start Date: 8/8/2013

Com

TRAVEL TO LOCATION

JSA REVIEW

- SERVICE AND START RIG

JSA

- ND B1 ADAPTER
- NU BOP, RIG FLOOR AND EQUIPMENT

JSA

- RIH WITH 4.75 CONE BIT TAGGING CEMENT AT 20FT
- POH WITH TBG JOINT
- RU POWER SWIVEL

JSA

- DRILLED OUT CEMENT FROM 20FT TO END OF CEMENT AT 82FT
- CIRCULATE HOLE CLEAN

JSA

- PRESSURE UP CASING TO 300 PSI FOR 30 MIN (TEST GOOD) NO LEAK OFF

JSA

- RD POWER SWIVEL
- POH WITH 3.5 TBG LAYING DOWN 4.75 CONE BIT

JSA

- MU 5.5 RBP AND PACKER RIH ON 3.5 TBG

ENVIRO VAC BROKE DOWN WAITED FOR ANOTHER ON TO BE DELIVERED

- MIRU NEW ENVIRO VAC, SHUT DOWN FOR DAY

TRAVEL FROM LOCATION

Report Start Date: 8/9/2013

Com

TRAVEL TO LOCATION

JSA REVIEW

- SERVICE AND START RIG

JSA

- RINISH RIH W/ 3.5 TBG, 5.5 RBP AND 5.5 PACKER
- SET RBP AT 6006FT, LAY DOWN 1 JOINT AND SET PACKER AT 5974FT

JSA

- MIRU TEAM CO2
- P/T TEST RBP TO 1000 PSI (TEST GOOD)
- RELEASE PACKER AT 5974 FT AND FLUSH CASING/ TBG WITH 120 BBLs WATER
- SPOT 750 GAL 10% ACETIC ACID ACROSS PROPOSED PERF AT 5487 TO 5942
- RDMO TEAM CO2

JSA

- POH AND STAND BACK 3.5 TBG LAYING DOWN 5.5 PACKER
- DUMPED 300LBS SAND ON TOP OF RBP AT 6006 FT
- SHUT IN WELL

TRAVEL FROM LOCATION

Report Start Date: 8/10/2013



# Summary Report

Major Rig Work Over (MRWO)

Stimulation

Job Start Date: 7/31/2013

Job End Date: 9/3/2013

Well Name MATTERN, H.T. NCT-B 021		Lease Mattern, H.T. NCT-B	Field Name Blaine Oil & Gas	Business Unit Mid-Continent	
Ground Elevation (ft) 3,481.00	Original RKB (ft) 3,495.00	Current RKB Elevation 3,495.00, <elvdttmstart>		Mud Line Elevation (ft)	Water Depth (ft)

Com

TRAVEL TO LOCATION

JSA REVIEW

SERVICE AND START RIG

JSA

- MIRU GRAY WIRELINE

- PERFORATE WELL WITH 3 3/8 CASING GUNS, .42 EH, 47" PENETRATION, 3 JSPF 120 PHASING, 32 GRAM CHARGE

- 5487 - 5494, 5500 - 5510, 5516 - 5523, 5529 - 5539, 5546 - 5557, 5586 - 5599, 5609 - 5617, 5620 - 5626, 5633 - 5643, 5648 - 5655, 5662 - 5674, 5678 - 5690, 5695 - 5701, 5785 - 5791, 5901, 5834 - 5843, 5867 - 5873, 5894 - 5901, 5934 - 5942

- RDMO E LINE UNIT

SHUT IN WELL

TRAVEL FROM LOCATION

Report Start Date: 8/12/2013

Com

TRAVEL TO LOCATION

JSA REVIEW

SERVICE AND START RIG AND EQUIPMENT

JSA

- MIRU TBG TESTERS

- MU 5.5 PACKER AND RIH ON 3.5 TBG TESTING IN TO 8000 PSI

- RDMO TBG TESTER

JSA

- SET 5.5 TREATING PACKER AT 5393

- NU FRAC STACK

- P/T CASING/TBG ANNULAS TO 300 PSI (TEST GOOD)

JSA

- RD SERVICE UNIT ND EQUIPMENT

Report Start Date: 8/16/2013

Com

JSA REVIEW

- PREP GEL FOR FRAC

JSA

1. LINE TEST: P/T TEST LINES 8000 PSI (TEST GOOD), SET PRV TO 7800 PSI, KICK OUTS 7500 PSI

2. LOAD/BREAK: LOAD WELL W/ 53 BBLS FLUID, AT 10 BBL/MIN @ 2200 PSI

3. SPACER: 25.5 BBL SPACER, 7 BBL/MIN @ 2269 PSI

4. SPEARHEAD ACID: SPEARHEAD 97.6 BBLS 15% HCL ACID - 10.4 BBL/MIN @ 2201 PSI

5. PAD: 39.2 BBL/MIN @ 4334 PSI

6. 7950 LBS OF 1# 100 MESH: 38.6 BBL/MIN @ 5766 PSI

7. PAD: 39.5 BBL/MIN @ 4907 PSI

8. 7000 LBS OF .5# 16/30 OTTAWA: 39.1 @ 4848 PSI

9. 18,000 LBS OF 1.5# 16/30 OTTAWA: 38.8 BBL/MIN @ 4906 PSI

10. 30,000 LBS OF 2.5# 16/30 OTTAWA: 38.8 BBL/MIN @ 5128 PSI

11. 49,000 LBS OF 3.5# 16/30 OTTAWA: 38.9 BBL/MIN @ 5555 PSI

12. 56,160 LBS OF 4.5# 16/30 OTTAWA: 38.8 BBL/MIN @ 6067 PSI

13. 38,575 LBS OF 5# SUPER LC: 38.6 BBL/MIN @ 6291 PSI

14. 47 BBLS FLUSH: 38.7 BBL/MIN @ 6284

RECORD ISIP OF 2679

5 MIN PSI 2500, 10 MIN PSI 2000, 15 MIN PSI 1700, SHUT IN WELL

CLEAN VOLUME 2436 BBLS, SAND 206685 LBS

POST JOB JSA REVIEW

- RD FRAC EQUIPMENT

TOTAL- 198,735 LBS



# Summary Report

Major Rig Work Over (MRWO)

Stimulation

Job Start Date: 7/31/2013

Job End Date: 9/3/2013

Well Name MATTERN, H.T. NCT-B 021		Lease Mattern, H.T. NCT-B		Field Name Blinebry Oil & Gas		Business Unit Mid-Continent	
Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation		Mud Line Elevation (ft)		Water Depth (ft)	
3,481.00	3,495.00	3,495.00, <elvdttmstart>					

Report Start Date: 8/26/2013

Com

MOVE RIG AND EQUIPMENT

RU PRIMARY UNIT AND EQUIPMENT PIPE RACKS AND LD MACHINE

ND FRAC Y

RU FLOOR TONGS FOR 3-1/2" TUBING RU FLOW LINE TO PIT

BD TUBING 450 PSIG PRODUCED SMALL AMOUNT OF OIL WITH GAS

KILL WELL 50 BBLS 8.6 BRINE WATER

ND 10K FRAC VALVE

LD 3-1/2" WS TOH TO 1000' FOR KILL STRING

SECURE WELL AND LOCATION

TRAVEL TO KEY YARD

Report Start Date: 8/27/2013

Com

TRAVEL TO LOCATION

SM JSA DISCUSS LD TUBING AND PACKER CHANGE OUT TUBING AND PIPE RAMS TEST PU 2-7/8" TUBING USE THREE POINT CONTACT WHEN GOING UP AND DOWN STAIRS DO NOT STEP ON LINES CABLES HOSES OR UNEVEN GROUND INSPECT SCE PRIOR TO USE KNOW WEIGHTS OF LOADS STAY CLEAR OF SUSPENDED LOADS USE TAG LINES SET UP STRIKE ZONE FOR PRESSURE TEST AND INSPECT PRV PRIOR TO USE

INSPECT SCE CHECK FLUID LEVELS ENGUAGE RIG SET COFO LIMITS CHECK PRESSURES 100 PSIG SITP BLOW DOWN AND KILL WELL

LD 3-1/2" WS

LD PACKER CHANGEOUT PIPE RAMS TO 2-7/8"

SWAP OUT TUBING ON RACKS

PU (1) 5-1/2" PEAK 5-1/2" MODEL P621 32A TENSION SQUEEZE PACKER 4.625 OD LENGTH 5.40 (1) P525 SC UNLOADER 4.50" OD X 2.11" LONG SET AND TEST PIPE RAMS IN BOP 250 LOW 500 PSIG HIGH HELD OKAY RELEASE AND LD 5-1/2" PACKER

PU 2-7/8" EUE 8RD J-55 6.5# TUBING AND CO BHA OF 4-3/4" BIT AND BIT SUB

LUNCH BREAK

PU REMAINDER OF 2-7/8" TAG FILL @ 5625'

RU POWER SWIVEL

PUMP DOWN CASING WOULD NOT REVERSE CIRCULATE @ 3.5-4.0 BPM SHUTDOWN AFTER 240 BBLS

RD POWER SWIVEL TOH TO 5125' TOP OF PERFORATIONS 5487'

SECURE WELL AND LOCATION

TRAVEL TO KEY YARD

Report Start Date: 8/28/2013

Com

TRAVEL TO LOCATION

SM JSA DISCUSS RU AIRFOAM UNIT AND MANIFOLD START RIG BD WELL USE THREE POINT CONTACT WHEN GOING UP AND DOWN STAIRS DO NOT STEP ON LINES CABLES HOSES OR UNEVEN GROUND USE SPOTTER WHEN BACKING UP TRUCKS MONITOR WIND DIRECTION WHEN BLOWING DOWN WELL REVIEW EMERGENCY EVACUATION PROCEDURE SET UP STRIKE ZONE FOR HAMMER BLOW ANGLE AND USE BUDDY SYSTEM WHEN RU MANIFOLD

INSPECT SCE CHECK FLUID LEVELS ENGUAGE RIG SET COFO LIMITS BLOW DOWN WELL 0 PSIG SITP AND 100 PSIG SICP

RU LINES AND EQUIPMENT FOR AIRFOAM UNIT AND MANIFOLD

SM JSA DISCUSS EMERGENCY EVACUATION PROCEDURE UNLOADING WELL PU PIPE AND POWER SWIVEL USE GOOD COMMUNICATION WHEN MAKING CONNECTIONS MAKE SURE PRESSURE HAS BEEN BLEED DOWN MONITOR PRESSURES AND WATCH FOR LINES THAT COULD BREAK SET UP STRIKE ZONE AROUND ENERGIZED LINES USE TAG LINE ON POWER SWIVEL AND SET UP STRIKE ZONE WHEN IT IS ROTATING WEAR HEARING PROTECTION AROUND AIRFOAM UNIT

UNLOAD WELL @ 5125' OPERATING TUBING PRESSURE 800 PSIG TUBING 300 PSIG CASING PUMPING 34 GPM WATER 5 GPM FOAMER RETURNS 32 BBLS OIL ATER 45 MINUTES

TIH TAG FILL @ 5625'

RU POWER SWIVEL

CO TO 6006' MAINTAINING CONSISTANT OPERATING PRESSURE OF 750 PSIG TUBING 250 PSIG CASING RETURN 200 BBLS WATER FOAM AND OIL

RD POWER SWIVEL

TOH TO ABOVE PERFORATIONS @ 5125'

SECURE WELL AND LOCATION

TRAVEL TO KEY YARD

Report Start Date: 8/29/2013

Com

TRAVEL TO LOCATION



# Summary Report

Major Rig Work Over (MRWO)

Stimulation

Job Start Date: 7/31/2013

Job End Date: 9/3/2013

Well Name MATTERN, H.T. NCT-B 021		Lease Mattern, H.T. NCT-B		Field Name Blinebry Oil & Gas		Business Unit Mid-Continent	
Ground Elevation (ft) 3481.00	Original RKB (ft) 3495.00	Current RKB Elevation 3495.00. <elvdttmstart>				Mud Line Elevation (ft)	Water Depth (ft)

Com

SM JSA DISCUSS TIH/TOH LD CO BHA TIH USE THREE POINT CONTACT WHEN GOING UP AND DOWN STAIRS DO NOT STEP ON LINES CABLES HOSES OR UNEVEN GROUND INSPCT SCE LIFTING AND SRL PRIOR TO USE MONITOR WIND DIRECTION AND USE HEARING PROTECTION SHUT OFF RIG AND ENGINES WHEN BLOWING DOWN WELL STAY 100% TIED OFF WHEN IN DERRICK AND KEEP HANDS AND FINGERS CLEAR OF MOVING EQUIPMENT SUCH AS TONGS ELEVATORS SLIPS AND PIPE AND RAILING STAY CLEAR OF SUSPENDED LOADS AND USE TAG LINE ON BHA

INSPECT SCE CHECK FLUID LEVELS ENGAGE RIG SET COFO LIMITS CHECK WELL PRESSURES 400 PSIG SITP 400 PSIG SICIP BLOW DOWN WELL

TIH TAG FILL 6001'

TOH TO STRING FLOAT KILL WELL DOWN TUBING

KILL WELL DOWN TUBING

TOH

LD CO BHA

LUNCH BREAK

CIRCULATE 10 BBLs DOWN TUBING LATCH ON RBP @ 6006' RELEASE LD EXCESS PRODUCTION TUBING

TOH

LD RBP

PU BHS TO INCLUDE (1) 2-7/8" BULL PLUG (1) 2-7/8" EUE 8RD J-55 MUD JOINT (1) 2-7/8" TUBING SCREEN X 24' (1) 2-7/8" EUE 8RD X 4' TUBING SUB (1) 2-7/8" EUE 8RD HF SEATING NIPPLE PART # HF 23-284M3 A6 (2) 2-7/8" EUE 8RD J-55 6.5# TK 99 IPC (16) 2-7/8" EUE 8RD 6.5# J-55 TUBING (1) 2-7/8" EUE 8RD X 5-1/2" DONAN TUBING ANCHOR #020321 V050713 (10) JOINTS 2-7/8" EUE 8RD J-55 6.5# TUBING (1) 2-7/8" EUE 8RD X 4' MARKER SUB (164) JOINTS 2-7/8" EUE 8RD J-55 6.5# YELLOW BAND TUBING

SM JSA DISCUSS PU PRODUCTION BHA RU PRESSURE TEST EQUIPMENT TIH WITH PRODUCTION SET UP STRIKE ZONE FOR PRESSURE TEST RELEASE TRAPPED PRESSURE PRIOR TO MAKING CONNECTIONS INSPECT PRV PRIOR TO USE TAG LINE ON BHA STAY CLEAR OF SUSPENDED LOADS KEEP HANDS AND FINGERS CLEAR OF MOVING EQUIPMENT SUCH AS TONGS ELEVATORS SLIPS AND PIPE AND RAILING HAVE GOOD HOUSEKEEPING ON FLOOR NO ONE UNDER FLOOR WHEN TIH WITH TUBING

TIH TO 941' PRESSURE TEST 6000 PSIG

SECURE WELL AND LOCATION

TRAVEL TO KEY YARD

Report Start Date: 8/30/2013

Com

TRAVEL TO LOCATION

SM JSA DISCUSS INSPECT SCE SET COFO LIMITS INSPECT SRL AND LIFT EQUIPMENT TIH TEST TUBING BLOW DOWN WELL USE THREE POINT CONTACT WHEN GOING UP AND DOWN STAIRS DO NOT STEP ON LINES CABLES HOSES OR UNEVEN GROUND KEEP HANDS AND FINGERS CLEAR OF MOVING EQUIPMENT SUCH AS TONGS ELEVATORS SLIPS AND PIPE AND RAILING BLEED OFF TRAPPED PRESSURE STANDING TO THE SIDE STAY CLEAR OF SUSPENDED LOADS USE GOOD HOUSEKEEPING ON RIG FLOOR

INSPECT SCE CHECK FLUID LEVELS ENGAGE RIG SET COFO LIMITS CHECK PRESSURES 100 SICIP 0 SITP BLOWDOWN WELL

TIH ~~6042~~ OF TUBING 6042' TEST 6000 PSIG

SM JSA DISCUSS RD FLOOR ND BOP RU ROD FLOOR AND TOOLS INSPECT LIFT EQUIPMENT PRIOR TO USE KEEP HANDS AND FINGERS CLEAR OF BOP AND FLANGE FROM WELLHEAD OR TIGHTENING NUTS USE TAG LINE AND SET UP STRIKE ZONE BETWEEN BOP AND WELL HEAD MAKE SURE WELL IS DEAD BEFORE BREAKING CONTAINMENT

RD FLOOR ND BOP RU ROD FLOOR AND TOOLS SET TUBING ANCHOR 18" IN TENTION

LUNCH BREAK

INSPECT PUMP CLEAN ROD PINS AND INSTALL COUPLINGS ON BHA TO INCLUDE: (1) PUMP # CHV-383 SIZE 25-175-RHBM-24-4 STROKE 228" PGR FIT .007 3/4" PIN (1) 3/4" X 4" MOLDED GUIDED ROD (12) 1-1/2" K BARS WITH SH COUPLINGS (80) 3/4" N-78 SUCKER RODS WITH SH CPLGS (78) 7/8" N-78 SUCKER RODS WITH SH CPLGS (68) 1" N-78 SUCKER RODS WITH SH CPLGS

TRAVEL TO KEY YARD

HIGH AMBIENT TEMPERATURE

Report Start Date: 9/3/2013

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TRAVEL TO LOCATION

JSA REVIEW

- SERVICE AND START RIG

JSA

- MU PUMP AND RIH ON RODS

- SPACE OUT PUMP

- RD RIG FLOOR AND EQUIPMENT

- RU HORSE HEAD

- P/T SEATED PUMP TO 500 PSI (TEST GOOD)

- PUMPED 50 BBLs WATER DOWN CASING WITH 10 GAL SOAP AND 5 GAL BIOCID



# Summary Report

Major Rig Work Over (MRWO)

Stimulation

Job Start Date: 7/31/2013

Job End Date: 9/3/2013

Well Name MATTERN, H.T. NCT-B 021		Lease Mattern, H.T. NCT-B	Field Name Blinebry Oil & Gas	Business Unit Mid-Continent	
Ground Elevation (ft) 3,481.00	Original RKB (ft) 3,495.00	Current RKB Elevation 3,495.00, <elvdttmstart>		Mud Line Elevation (ft)	Water Depth (ft)

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JSA

- RD SERVICE UNIT AND EQUIPMENT

\*\*\* FINAL REPORT \*\*\*