

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. 30-025-29094
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator CHEVRON U.S.A. INC.		6. State Oil & Gas Lease No.
3. Address of Operator 15 SMITH ROAD, MIDLAND, TEXAS 79705		7. Lease Name or Unit Agreement Name H.T. MATTERN NCT-B
4. Well Location Unit Letter: G 1650 feet from NORTH line and 1650 feet from the EAST line Section 31 Township 21S Range 37E NMPM County LEA		8. Well Number 23
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 4323
		10. Pool name or Wildcat BLINEBRY/DRINKARD

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 ☐
CLOSED-LOOP SYSTEM ☐
OTHER:

SUBSEQUENT REPORT OF:

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

OTHER: RECOMPLETION TO BLINEBRY & DHC

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 04/29/2014 THROUGH 05/27/2014 FOR THE RECOMPLETION TO THE BLINEBRY RESERVOIR. ALSO ATTACHED, IS THE TUBING SUMMARY, & WELLBORE DIAGRAM.

BLINEBRY PERFS: 5480-5997 (ON 05/03/2014)
FRAC ON 05/10/2014 TOTAL SLURRY @ 2493 BBLS & SAND @ 202627#, WHITE SAND - 171,663 LBS, 100 MESH SAND - 7753 LBS. SUPER LC @ 22,211 LBS. 39.5BBLS 15% HCL ACID.
2 7/8" TBG @ 6697.

06/03/2014: ON 24 HR OPT. PUMPING 25 OIL, 327 GAS, & 30 WATER.

***ATTACHED IS UPDATED ALLOCATION FOR THE DHC OF DRINKARD & BLINEBRY.

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 10/16/2014

Type or print name DENISE PINKERTON

E-mail address: leakejd@chevron.com

PHONE: 432-687-7375

For State Use Only

APPROVED BY:

[Signature]

TITLE Petroleum Engineer

DATE 03/06/15

Conditions of Approval (if any):

MAR 13 2015

Updated Allocations

Request for exemption to rule 303-A FOR WELLS LOCATED IN PRE-APPROVED POOLS OR AREAS

Operator

Chevron U.S.A., Inc.
15 Smith Road
Midland, TX 79705

Lease Name and Well Number

HT Mattern B #23
API #3002529094
1650 FNL & 1650 FEL, Unit Letter G
Section 31, T21S, R37E
Lea County, New Mexico

Division Order

Pre-approved Pools or Areas established by division order # R-11363

Pools To Be Commingled In HT Mattern B #23

(06660) Blinebry Oil and Gas
(19190) Drinkard

Perforated Intervals

Drinkard existing perfs: 6570-6638
Blinebry proposed perfs: 5480-5997

Location Plat

Attached

Well Test Report & Production Plots

Attached.

Product Characteristics And Value

Previous commingling of these zones by Chevron and other operators in the area have shown that the produced fluids are compatible and commingling will not cause formation damage or producing problems. Also, the price received by Chevron for products from these zones is very similar, so value will not be adversely affected.

Production Allocation

<u>Pool</u>	<u>BOPD</u>	<u>BWPD</u>	<u>MCFPD</u>	<u>Remarks</u>
(06660) Blinebry Oil and Gas	19	24	323	Avg of 10 day well test
(19190) Drinkard	6	6	4	Calculated from drinkard well test
Totals	25	30	327	

<u>Allocated %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Gas %</u>	<u>Remarks</u>
(06660) Blinebry Oil and Gas	76%	80%	99%	Avg of 10 day well test
(19190) Drinkard	24%	20%	1%	Calculated from drinkard well test
Totals	100%	100%	100%	

Ownership

Ownership of all zones is identical so correlative rights will not be compromised.

State / Federal Land Notification

This is a FEE lease



Summary Report

Major Rig Work Over (MRWO)
Completion - Reconfigure
Job Start Date: 4/29/2014
Job End Date: 5/27/2014

Well Name MATTERN, H.T. NCT-B 023		Lease Mattern, H.T. NCT-B	Field Name Blinbry Oil & Gas	Business Unit Mid-Continent	
Ground Elevation (ft) 3,485.00	Original RKB (ft) 3,498.00	Current RKB Elevation		Mud Line Elevation (ft)	Water Depth (ft)

Report Start Date: 4/29/2014

Com

PJSM with Key 333. Discussed TIF, SWA, Tenet #9, hazard wheel, Slips, trips, and falls, overhead objects, Pinch and crush points, RU rig and support equipment.

MIRU Key 333 and support equipment.

PU polish rod and remove bridle. Lower polish rod and rods to stuffing box. Remove head from unit. PU polish rod and un-seat pump. Lay down polish rod. TOH with 4', 6', & 8' rod subs. Lay down 1ea 7/8" X 25' rod. PU polish rod and install stuffing box.

MIRU Nabors Hot Oil Unit. Pump 60 bbls of 225* water with paraffin dispersant down tubing to melt paraffin. RDMO Nabors.

POH laying down rods and pump assembly.

- 1) 1 1/2" X 22' polish rod.
 - 2) 4', 6', & 8' rod subs.
 - 3) 105ea 7/8" X 25' grade "D" rods.
 - 4) 151ea 3/4" X 25' grade "D" rods.
 - 5) 8ea 1 1/2" X 25' K-bars.
 - 6) 7/8" X 4' stabilizer sub.
 - 7) 20-125-RHBC-16-4 insert pump.
- SWFN

Debrief crew.

Crew travel.

WSI No activity on location.

Report Start Date: 4/30/2014

Com

WSI No activity on location.

PJSM with Key 333. Discussed TIF, SWA, Tenet #10, hazard wheel, Slips, trips, and falls, overhead objects, Pinch and crush points, ND well head, NU BOP, RU floor.

Inspect brakes, set COFO. Caliper 2 3/8" elevators. Open well. ND well head. Release 5 1/2" TAC.

NU BOP. RU floor and tubing handling tools.

PU Peak 5 1/2" packer and TIH 30'. Set packer and test BOP to 250/500 psi. Test good. TOH lay down 5 1/2" packer.

TOH laying down 140 jts of 2 3/8" J-55 4.7# tubing.

Rest, rehydrate & review JSA.

TOH with 77 jts of 2 3/8" J-55 4.7# tubing, 5 1/2" X 2 3/8" TAC, 4 jts of 2 3/8" J-55 tubing, 2 3/8" seat nipple, 2 3/8" X 4' perforated tubing sub, and 4' of mud joint. Tubing tally EOT @ 6654'. TAC @ 6564'.

Remove rods and production tubing from location. Send tubing to 1788 pipe yard and rods to Tuboscope. Load pipe racks with 224 jts of 2 7/8" L-80 6.5# tubing. (WS) Tally tubing on pipe racks. Change 2 3/8" elevators for 2 7/8 and caliper.

PU Peak 5 1/2" 10K packer and on 2 7/8" L-80 6.5# tubing and RIH 30'. Set packer and test 2 7/8" pipe rams to 250/500 psi. Test good. MIRU Hydrostatic tubing testers. Continue to TIH with 40 jts of 2 7/8" L-80 tubing testing to 7000 psi.

Debrief crew.

Crew travel.

SWI No activity on location.

Report Start Date: 5/1/2014

Com

WSI No activity on location.

(06:30-07:00 WSM morning call.) PJSM with Key 333. Discussed TIF, SWA, Tenet #1, hazard wheel, Slips, trips, and falls, overhead objects, Pinch and crush points, pressure testing tubing, TIH.

Check brakes, Set COFO on rig, SITP @ 0 psi. SICP @ 0 psi. open well. RU testers & PU tools.

TIH testing 2 7/8" L-80 6.5# tubing to 6532' by tubing tally. Tested tubing @ 7000 psi. All tubing good. RDMO Hydrostatic tubing testers.

Set 5 1/2" packer. Fill 2 7/8" X 5 1/2" annulus with 82 bbls of cut brine and test packer to 500 psi. Test good. Bleed to 300 psi for acid job.

MIRU Petroplex Acidizing. Test pump lines to 7000 psi. Set pop off @ 6900 psi. Pump acid job.

- 1) 800 gals of 15% HCl
- 2) 200 gal of Petrol-20
- 3) 2 gal of I-3
- 4) 32 lbs of FENX
- 5) 4 gal of 10% Acetic acid.
- 6) 2 gal of P-3
- 7) 1 gal of EP-3

Top pressure was @ 1430 psi. Shut down pumps and tubing pressure fell to 0 psi in 30 sec. Well on a vacuum. RD pump lines from tubing.

Bleed pressure off of annulus. PU and release 5 1/2" packer. TOH laying down 12 jts of 2 7/8" tubing and standing 189 jts. Lay down packer.

PU 5 1/2" RBP and TIH to 6145' by tubing tally. Set RBP. J-off and lay down 1 jt.

Load casing with 84 bbls of cut brine. Test RBP to 500 psi. Test good.

POH with 4 jts of 2 7/8" L-80 tubing to 6018'.

RU Petroplex pump lines. Spot 1000 gal of 10% acetic acid across proposed perfs. RDMO Petroplex Acidizing.



Summary Report

Major Rig Work Over (MRWO)
Completion - Reconfigure
Job Start Date: 4/29/2014
Job End Date: 5/27/2014

Well Name MATTERN, H.T. NCT-B 023		Lease Mattern, H.T. NCT-B	Field Name Blinberry Oil & Gas	Business Unit Mid-Continent	
Ground Elevation (ft) 3,485.00	Original RKB (ft) 3,498.00	Current RKB Elevation		Mud Line Elevation (ft)	Water Depth (ft)

Com					
TOH with 34 jts of 2 7/8" L-80 6.5# tubing to 4886'. SWFN					
Debrief crew.					
Crew travel.					
WSI No activity on location.					
Report Start Date: 5/2/2014					
Com					
WSI No activity on location.					
(06:30-07:00 WSM morning call.) PJSM with Key 333. Discussed TIF, SWA, Tenet #2, hazard ID, Slips, trips, and falls, overhead objects, Pinch and crush points, TOH with tubing.					
Check brakes, Set COFO on rig, SITP @ 0 psi & SICP @ 0 psi. Open well. Dump 300# of 12/20 sand on top of RBP.					
TOH with 150 jts of 2 7/8" L-80 tubing. Lay down Retrieving head.					
MIRU Archer WLU. Test lubricator to 250/500 psi					
RIH with 4.625" gauge ring and junk basket to 6100'. POOH and lay down GR & JB.					
PU RIH with GR/CCL/CBL to 6100'. Run cement bond log with 500 psi on casing from 6100' to 4100'. Cement bond is good. Bleed pressure off of casing. POOH and lay down tools. TC @ 530'.					
Re-head E-line before perforating. PU 3 3/8" casing gun and RIH to perforate in selected intervals.					
Run 1 perforate from 5991'-5997', 5970'-5976', 5959'-5965'. 3spf 120 phasing.					
Run 2 perforate from 5931'-5947'. 3spf 120 phasing.					
All shots fired. SWFN					
Debrief crew.					
Crew travel.					
WSI No activity on location.					
Report Start Date: 5/3/2014					
Com					
WSI No activity on location.					
PJSM with Key 333. Discussed TIF, SWA, Tenet #3, hazard ID, Slips, trips, and falls, overhead objects, Pinch and crush points, Perforating and wire line operations.					
Check pressure on well, SICP @ 0 psi.					
PU 3 3/8" guns and RIH. Perforate well in intervals selected. All gun runs from 5919'-5480' shot @ 2 SPF, 120 degree phasing.					
Run 1) 5911'-5919', 5883'-5892'.					
Run 2) 5807'-5824'.					
Run 3) 5696'-5707', 5683'-5688'					
Run 4) 5660'-5675'.					
Run 5) 5639'-5646', 5624'-5633'					
Run 6) 5578'-5586', 5551'-5555', 5528'-5536'.					
Run 7) 5503'-5518'.					
Run 8) 5493'-5496', 5480'-5484'.					
All shots fired.					
RD Archer WLU.					
TIH with 188 jts of 2 7/8" L-80 6.5# tubing open ended.					
TOH laying down 28 jts of 2 7/8" L-80 6.5# tubing. EOT @ 5197'. SWFN					
Debrief crew.					
Crew travel.					
WSI No activity on location.					
Report Start Date: 5/4/2014					
Com					
SWI No activity on location.					
Report Start Date: 5/5/2014					
Com					
SWI No activity on location.					
(06:30-07:00 WSM morning call.) PJSM with Key 333. Discussed TIF, SWA, Tenet #5, hazard ID, Slips, trips, and falls, overhead objects, Pinch and crush points, TOH laying down tubing.					
Operations suspended due to a brake problem on Key 333. Had a mechanic check problem.					
Set COFO. Check pressure on well, SITP @ 0 & SICP @ 0, open well. Well on a vacuum.					
Finish TOH with 150 jts of 2 7/8" L-80 6.5# tubing.					
Change 2 7/8" elevators, slips and tong dies to 3 1/2". Caliper 3 1/2" elevators. Change 2 7/8" pipe rams to 3 1/2".					
Crew rest for hydration and food. Review JSA's.					
Operations suspended. Wait on fork lift. Forklift company over booked and could not deliver on time. Had to call a second forklift company.					
Remove 224 jts of 2 7/8" L-80 tubing from pipe racks. Off load 177 jts of 3 1/2" L-80 9.3# tubing onto pipe racks and tally same.					
PU 1 jt of 3 1/2" L-80 tubing and MU 5 1/2" test packer. RIH to 25' and set packer. Test 3 1/2" tubing rams to 250/1000 psi. Test good.					



Summary Report

Major Rig Work Over (MRWO)
Completion - Reconfigure
Job Start Date: 4/29/2014
Job End Date: 5/27/2014

Well Name MATTERN, H.T. NCT-B 023		Lease Mattern, H.T. NCT-B	Field Name Blinbry Oil & Gas	Business Unit Mid-Continent	
Ground Elevation (ft) 3,485.00	Original RKB (ft) 3,498.00	Current RKB Elevation		Mud Line Elevation (ft)	Water Depth (ft)

Com

MIRU Hydrostatic tubing testers. TIH with packer assembly and tubing testing tubing to 8000 psi.

- 1) Peak 5 1/2" Arrow-set packer.
 - 2) on-off tool.
 - 3) 2 7/8" blast joint.
 - 4) 2 7/8" X 3 1/2" XO.
 - 5) 57 Jts of 3 1/2" L-80 9.3# tubing.
- EOT @ 1827'.
SWFN

Debrief crew.

Crew travel.

SWI No activity on location.

Report Start Date: 5/6/2014

Com

WSI No activity on location.

(06:30-07:00 WSM morning call.) PJSM with Key 333. Discussed TIF, SWA, Tenet #6, hazard ID, Slips, trips, and falls, overhead objects, Pinch and crush points, TIH with tubing, pressure.

Set COFO. Check pressure on well, SITP @ 0 & SICP @ 0, open well. Well on a vacuum.
Finish TIH with 111 jts of 3 1/2" L-80 9.3# tubing to 5403'. Tubing tested to 8000 psi. (Total of 168 jts in well.)
RD Hydrostatic test unit and lay down machine.

Install tubing bushing. PU Frac valve and attempt to install. Frac valve was not starting on tubing bushing. Thread not machined right on bushing. Call for another coupling and adaptor flange.

Operations suspended due to coupling on frac tree. Wait on a new coupling. Conflict was settled with vender.

Install tubing bushing. Set two way check in tubing bushing.

NU Frac valve on tubing bushing.

PU and set Peak 5 1/2" Arrow-set packer with 17,000 compression down. Tubing string weight @ 35,000.

Land Frac valve on BOP. Test annulus to 500 psi. Test good. Bleed pressure off of casing.

Install platform at well head.

Install goat head on top of frac valve. Test to 8000 psi for 5 minuetts. Test good.

Bleed pressure off of well head.

Remove two way check valve.

SWI

Debrief crew.

Operation suspended. Could not RD rig due to high wind.

Crew travel.

SWI No activity on location.

Report Start Date: 5/7/2014

Com

SWI No activity on location.

(06:30-07:00 WSM Morning call.) PJSM with Key 333. Discussed TIF, SWA, Tenet #7, hazard IDI, Slips, trips, and falls, overhead objects, Pinch and crush points, RD RIG and support equipment. Review rig move check list.

RD Key 333 and support equipment. Clean location. Move off of location.

WSI No activity on location.

Report Start Date: 5/8/2014

Com

WSI No activity on location.

Report Start Date: 5/9/2014

Com

INACTIVE. NO OPERATIONS AT WELLSITE.

MIRU BAKER HUGHES FRAC EQUIPMENT. TRUCKS HAULING IN SAND. WO GEL TRANSPORT UNIT. REPLACED FAULTY TRUCK. PUMP TRUCKS, GEL TRANSPORTS & MIXERS MOVED IN AND SPOTTED. HOLD PJSM WITH CREW. RU IRON. EQUIP W/SAFETY DEVICES. RAN BUCKET TEST @ 1GPM ON CHEMICALS W/KRIS FROM LAS. HYDRATION FILL UP AND FLOW LOOP TEST. ALSO RAN BREAKER, WATER QUALITY & QUANTITY, SAND QUALITY AND QUANTITY AND CHECKED COMPATIBILITY OF CHEMICALS.

INACTIVE. NO OPERATIONS AT WELLSITE.

Report Start Date: 5/10/2014

Com

SWNo activity on location.

PJSM with Baker frac crew. Discussed TIF, SWA, Tenet #10, hazard ID, Slips, trips, and falls, overhead objects, pinch and crush points, pressure. communication.

Operations suspended due to personal on location with out H2S certification & change out pump valve.



Summary Report

Major Rig Work Over (MRWO)
Completion - Reconfigure
Job Start Date: 4/29/2014
Job End Date: 5/27/2014

Well Name MATTER, H.T. NCT-B 023		Lease Matter, H.T. NCT-B		Field Name Blinberry Oil & Gas		Business Unit Mid-Continent	
Ground Elevation (ft) 3,485.00	Original RKB (ft) 3,498.00	Current RKB Elevation		Mud Line Elevation (ft)		Water Depth (ft)	

Com

Test pump lines to 8526 psi. Pop-off set @ 7327 psi. Trucks staggered to kick out between 7300 and 7400 psi. Open well. Tubing was on a vacuum. Start frac. Pumped.

- 1) 34.7 bbls for the brake down @ 2891 psi. Design for 48.
- 2) 39.5 bbls of Spear Head 15% HCL Acid. Design for 36
- 3) 145.3 bbls of linear pad. Design for 71.
- 4) 188.1 bbls of 1 ppg 100 mesh. Design for 199.
- 5) 270.6 bbls of XL pad. Design for 286.
- 6) 94.7 bbls of .05 ppg 16/30 white sand. Design for 97.
- 7) 126.7 bbls of 1 ppg sand. Design for 124.
- 8) 301.8 bbls of 1.5 ppg. Design for 305.
- 9) 238.4 bbls of 2.5 ppg. Design for 318.
- 10) 52.3 bbls of 3 ppg. Design for 300.
- 11) 175.3 bbls of 3.5 ppg. Design for 386.
- 12) 152.4 bbls of 4 ppg. Design for 300.
- 13) 464.9 bbls of 4.5 ppg. Design for 459.
- 14) 157.1 bbls of 5 ppg SLC. Design for 176.
- 15) 33.6 bbls of 8.34 ppg flush. Design for 47.

Total slurry @ 2493.9 bbls and sand @ 202627#.

Maximum treating pressure @ 6619 psi.

Minimum pressure @ 3817.

Average @ 4263.

Average treating rate @ 39.65 BPM.

Snad description and volume pumped.

- 1) S-8C sand, 100 mesh, bulk SSF - 7753 lbs.
- 2) Sand white, 16/30 - 171,663 lbs.
- 3) Super LC, 16/30 SSF - 22,211 lbs.

Perssure increased at the 3 ppg stage and continued till the sand was cut. Friction reducer was turned on @ .5 gpt during the SLC sand stage because of pressure and increased to 1 gpt in an attempt to flush completely. Well hit max pressure during flush @ 33.7 bbls. Total flush designed @ 47 bbls. SWI

RDMO Baker frac equipment.

Report Start Date: 5/11/2014

Com

Check pressure on well, tubing on a vacuum. SWI. No activity on location.

Report Start Date: 5/12/2014

Com

SWI No activity on location.

Remove top flange on frac valve goat head. Install threaded flange, XO, and 2 7/8" threaded valve for slick line operations.

SWI No activity on location.

Report Start Date: 5/13/2014

Com

Inactive

Tailgate safety meeting with SlickLine.

TIH w/ 1 1/4" assembly, tag fill at 5400'.

Inactive

Report Start Date: 5/14/2014

Com

Inactive

Report Start Date: 5/15/2014

Com

R/U Safety Meeting w/ WO, Haulers, Frac Valve Team.

Inactive

Spot WO Rig and Accompanying Equipment.

R/D Frac Goat Head and Platform.

R/U WO Rig, Reverse Pump and Tanks, Laydown machine and Pipe racks.

Debrief, crews in Transit.

Inactive

Report Start Date: 5/16/2014

Com

Inactive

Crews in Transit.

PJSM with KEY 333. Discussed TIF, SWA, Tenet #6, hazard ID, Slips, trips, and falls, overhead objects, Pinch and crush points,

Check pressure on well, SITP and SICP @ 0 psi. Inspect brakes, set COFO on rig.

R/D Frac Valve from from BOP. Psi test 3 1/2" BOP Rams at 500psi=good.

TOH and L/D 3 1/2" tbg and 5 1/2" PKR Assembly.



Summary Report

Major Rig Work Over (MRWO)
Completion - Reconfigure
Job Start Date: 4/29/2014
Job End Date: 5/27/2014

Well Name MATTERN, H.T. NCT-B 023		Lease Mattern, H.T. NCT-B		Field Name Blinebry Oil & Gas		Business Unit Mid-Continent	
Ground Elevation (ft) 3,485.00	Original RKB (ft) 3,498.00	Current RKB Elevation		Mud Line Elevation (ft)		Water Depth (ft)	

Com	
Change BOP Pipe Rams from 3 1/2" to 2 7/8".	
Rest, hydrate, lunch for crews.	
OPSUS, waiting on Forklift.	
Unload 2 7/8" WorkString. Load and ship 3 1/2" Tubing. Tally 2 7/8" WorkString.	
P/U, TIH w/ 5 1/2" PKR. Test 2 7/8" BOP Rams to 500psi=good.	
P/U 4 3/4" Mill Tooth Bit and sub. TIH 120 jnts 2 7/8" WS.	
Debrief, crews in Transit.	
Report Start Date: 5/17/2014	
Com	
Inactive	
Crews in Transit.	
PJSM with KEY 333. Discussed TIF, SWA, Tenet #7, hazard ID, Slips, trips, and falls, overhead objects, Pinch and crush points,	
Check pressure on well, SITP and SICP @ 0 psi. Inspect brakes, set COFO on rig.	
TIH to 5400', Install Stripping Head. TIH, Tag Fill at 5405'.	
Swivel-Up, Break Circulation, Start Clean Out (Reverse Circulate at 2bpm).	
Clean Out from 5405' to 5450' (7000#'s on bit, 750 RPM. 1200# torque, 2bpm).	
Rest, hydrate, lunch for crew. Discuss Safety Drills.	
Clean Out from 5450' to 5505' (8000#'s on bit, 750 RPM. 1200# torque, 2bpm). Circulate bottoms up, TOH above Perfs.	
Debrief. Crews in transit.	
Inactive	
Report Start Date: 5/18/2014	
Com	
Inactive	
Report Start Date: 5/19/2014	
Com	
Inactive	
Crews in Transit.	
PJSM with KEY 333. Discussed TIF, SWA, Tenet #9, hazard ID, Slips, trips, and falls, overhead objects, Pinch and crush points,	
Check pressure on well, SITP and SICP @ 0 psi, slight vacuum. Inspect brakes, set COFO on rig.	
TOH, L/D 4 3/4" Roller Cone Bit. P/U 4 3/4" Bladed Bit.	
TIH to 5405', R/U Strpping Head. TIH to top of fill at 5505'.	
Clean Out from 5505' to 5665'. Broke out of Sand Plug.	
Rest, hydrate, lunch for crews. JSA Update.	
Reverse Circulate and Condition from 5665' to 5975', encountered another sand plug.	
Clean Out to top of RBP at 6145'.	
Conventional and Reverse Circulate hole Clean.	
TOH and stand back 40 stands of 2 7/8" WS.	
Debrief, crews in Transit.	
Inactive	
Report Start Date: 5/20/2014	
Com	
Inactive	
Crews in Transit.	
PJSM with KEY 333. Discussed TIF, SWA, Tenet #10, Hazard ID:motion, Slips, trips, and falls, overhead objects, Pinch and crush points,	
Check pressure on well, SITP and SICP @ 0 psi, slight vacuum. Inspect brakes, set COFO on rig.	
TOH, L/D 4 3/4" Bladed Bit.	
P/U RBP Retrivel Tool. TIH to 6145', load well with 28bbls 8.6# brine, circulate bottoms up.	
Latch onto RBP and Release. Equalize well, N/D stripping head.	
TOH and L/D 40 jnts 2 7/8" WS.	
Rest, hydrate, lunch for crews. Update JSA.	
OPSUS, Accumulator motor went down. Replace Accumulator.	
TOH, L/D 2 7/8" WS and 5 1/2" RBP. SWIFN.	
Debrief, crews in Transit.	
Report Start Date: 5/21/2014	
Com	
Inactive	
Crews in Transit.	



Summary Report

Major Rig Work Over (MRWO)
Completion - Reconfigure
Job Start Date: 4/29/2014
Job End Date: 5/27/2014

Well Name MATTERN, H.T. NCT-B 023		Lease Mattern, H.T. NCT-B	Field Name Blinbry Oil & Gas	Business Unit Mid-Continent	
Ground Elevation (ft) 3,485.00	Original RKB (ft) 3,498.00	Current RKB Elevation		Mud Line Elevation (ft)	Water Depth (ft)

Com

PJSM with KEY 333. Discussed TIF, SWA, Tenet #1, Hazard ID: Motion, Slips, trips, and falls, overhead objects, Pinch and crush points, Check pressure on well, SICP @ 800 psi, blow down, kill well with 50bbl 8.6# brine. Inspect brakes, set COFO on rig.

R/U SlickLine, RIH, Tag for Fill at 6646' (8' below bttm perf). R/D SlickLine.

OPSUS. Wait on Concave Mill.

P/U 4 3/4" Concave Mill and sub, TIH to Fill at 6645'. L/D 1 jnt 2 7/8" tbg. Spot and R/U Well Foam Manifold.

OPSUS, due to rain and lightning in the area.

TOH, Stand back 23 stands 2 7/8" tbg. SWIFN at 5405'.

Debrief. Crews in Transit.

Report Start Date: 5/22/2014

Com

Inactive

Crews in Transit.

PJSM with KEY 333. Discussed TIF, SWA, Tenet #2, Hazard ID: Biological, Slips, trips, and falls, overhead objects, Pinch and crush points,

Check pressure on well, SICP @ 800 psi, blow down. Inspect brakes, set COFO on rig.

Establish Circulation w/ AirFoam (28gpm).

TIH to 6615', Swivel UP. TIH to top of Fill at 6633'. Establish AirFoam Circulation.

Milled and washed down from 6633' to 6697' (70RPM, 300psi, 1000#/ft, 28gpm). Started to Mill into harder area.

Mill from 6697' to 6708' (70RPM, 300psi, 1000#/ft, 28gpm).

Circulate and Condition while Rain Storm passed through.

Mill from 6708' to 6719' (80RPM, 300psi, 1000#/ft, 28gpm).

Circulate and Condition 2 bottoms up.

L/D 1 jnt 2 7/8". Swivel down.

TOH, stand back 22 stands 2 7/8" tbg. Shut in w/ 4 3/4" Mill above perfs at 5400'.

Debrief. Crews in Transit.

Report Start Date: 5/23/2014

Com

Inactive

Crews in Transit.

PJSM with KEY 333. Discussed TIF, SWA, Tenet #3, Hazard ID: Motion, Slips, trips, and falls, overhead objects, Pinch and crush points,

Check pressure on well, SICP @ 1200 psi, blow down, kill well with 24 bbl 8.6# brine, leave on a trickle. Inspect brakes, set COFO on rig.

TOH, stand back tubing, L/D 4 3/4" Concave Mill. R/D Stripping head.

R/U Tubing Hydrotesters.

TIH w/ Production tbg while hydrotesting to 5000psi.

Rest, hydrate, lunch for crew. Update JSA

Finish TIH and hydrotest Production Tbg. (EOT 6697', MSN 6641', TAC 5434').

R/D WO Floor and Equipment.

R/D BOP. Pull 18" stretch in TAC at 16,000#'s. N/U B-1 Adapter (7 1/16" x 2 7/8", 3M) and 2 7/8" Pumping Tee.

OPSUS, due to rain and lightning storms.

Report Start Date: 5/24/2014

Com

Inactive

Monitor Well Psi. Casing psi=1000psi, bleed off.

Inactive

Report Start Date: 5/25/2014

Com

Inactive

Monitor Well Psi. Casing psi=850psi, bleed off.

Inactive

Report Start Date: 5/26/2014

Com

Inactive

Monitor Well Psi. Casing psi=800psi, bleed off.

Inactive

Report Start Date: 5/27/2014

Com

WSI No activity on location.



Summary Report

Major Rig Work Over (MRWO)
Completion - Reconfigure
Job Start Date: 4/29/2014
Job End Date: 5/27/2014

Well Name MATTERN, H.T. NCT-B 023		Lease Mattern, H.T. NCT-B	Field Name Blinebry Oil & Gas	Business Unit Mid-Continent	
Ground Elevation (ft) 3,485.00	Original RKB (ft) 3,498.00	Current RKB Elevation		Mud Line Elevation (ft)	Water Depth (ft)

Com

(06:30-07:00 WSM morning call.) PJSM. discussed TIF, SWA, Tenet #7, Hazard ID, Slips, trips, and falls, overhead objects, Pinch and crush points, RU to run rods, TIH w/ rods.

Check brakes, set COFO on rig. SITP @ 0 psi, SICP @ 0 psi. Open well.

Install rod stripper. RU to run rods. PU production pump and pump assembly. TIH on rods.

- 1) 25-200-RHBM-24-5 rod pump. MHD
- 2) 7/8" X 4' stabilizer sub.
- 3) 12ea 1 1/2" X 25' K-bars.
- 4) 148ea 3/4" X 25' HD rods.
- 5) 102ea 7/8" X 25' HD rods.

Crew rest to hydrate, lunch and JSA review.

Tag and space out rods 18" off of bottom. Remove rod stripper. Install 3/4" X 8', 6', and 2' rod subs. PU 1 1/2" X 26' polish rod. Make up stuffing box on pump "T".

Fill tubing 24 bbls of 2% cut brine, 15 gals of biocide, 20 gals of soap. Test to 500 psi. Test good. Bleed pressure off of tubing. MIRU Lufkin truck. Lift weights to top position. Hang head on unit. PU and hang Polish rod off on bridle. RD Lufkin truck.

RD Key 333 and support equipment.

Debrief crew.

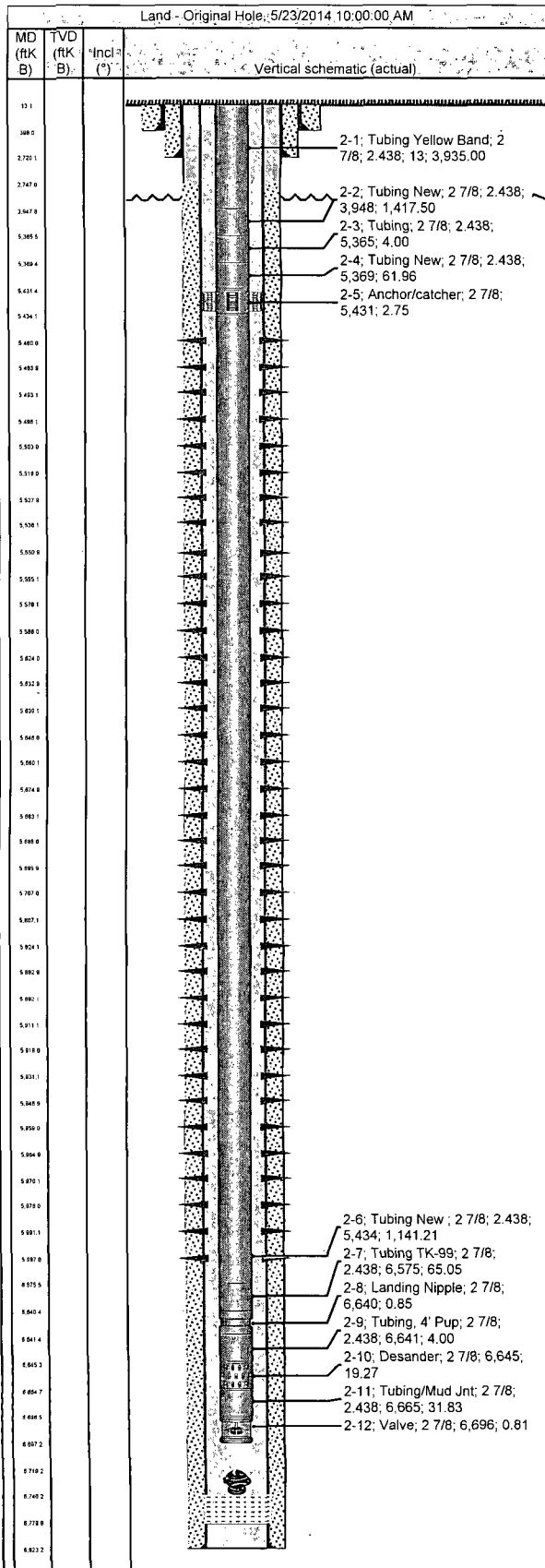
Crew travel.

WSI. Final report. No activity on location.



Tubing Summary

Well Name MATTERN, H.T. NCT-B 023	Lease Mattern, H.T. NCT-B	Field Name Blinbry Oil & Gas	Business Unit Mid-Continent
Ground Elevation (ft) 3,485.00	Original RKB Elevation (ft) 3,498.00	Current RKB Elevation	Mud Line Elevation (ft) Water Depth (ft)
Current KB to Ground (ft)	Current KB to Mud Line (ft)	Current KB to Csg Flange (ft)	Current KB to Tubing Head (ft)



Tubing Strings									
Tubing Description Tubing - Production		Planned Run? N		Set Depth (MD) (ftKB) 6,697.2			Set Depth (TVD) (ftKB)		
Run Date 5/23/2014		Run Job Completion - Reconfigure, 4/29/2014 10:00		Pull Date			Pull Job		
Jts	Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
124	Tubing Yellow Band	2 7/8	2.437	6.50	J-55		3,935.00	13.0	3,948.0
44	Tubing New	2 7/8	2.437	6.50	J-55		1,417.50	3,948.0	5,365.5
1	Tubing	2 7/8	2.437	6.50	J-55		4.00	5,365.5	5,369.5
2	Tubing New	2 7/8	2.437	6.50	J-55		61.96	5,369.5	5,431.4
1	Anchor/catcher	2 7/8					2.75	5,431.4	5,434.2
36	Tubing New	2 7/8	2.437	6.50	J-55		1,141.21	5,434.2	6,575.4
2	Tubing TK-99	2 7/8	2.437	6.50	J-55		65.05	6,575.4	6,640.5
1	Landing Nipple	2 7/8					0.85	6,640.5	6,641.3
1	Tubing, 4' Pup	2 7/8	2.437	6.50	J-55		4.00	6,641.3	6,645.3
1	Desander	2 7/8					19.27	6,645.3	6,664.6
1	Tubing/Mud Jnt	2 7/8	2.437	6.50	J-55		31.83	6,664.6	6,696.4
1	Valve	2 7/8					0.81	6,696.4	6,697.2

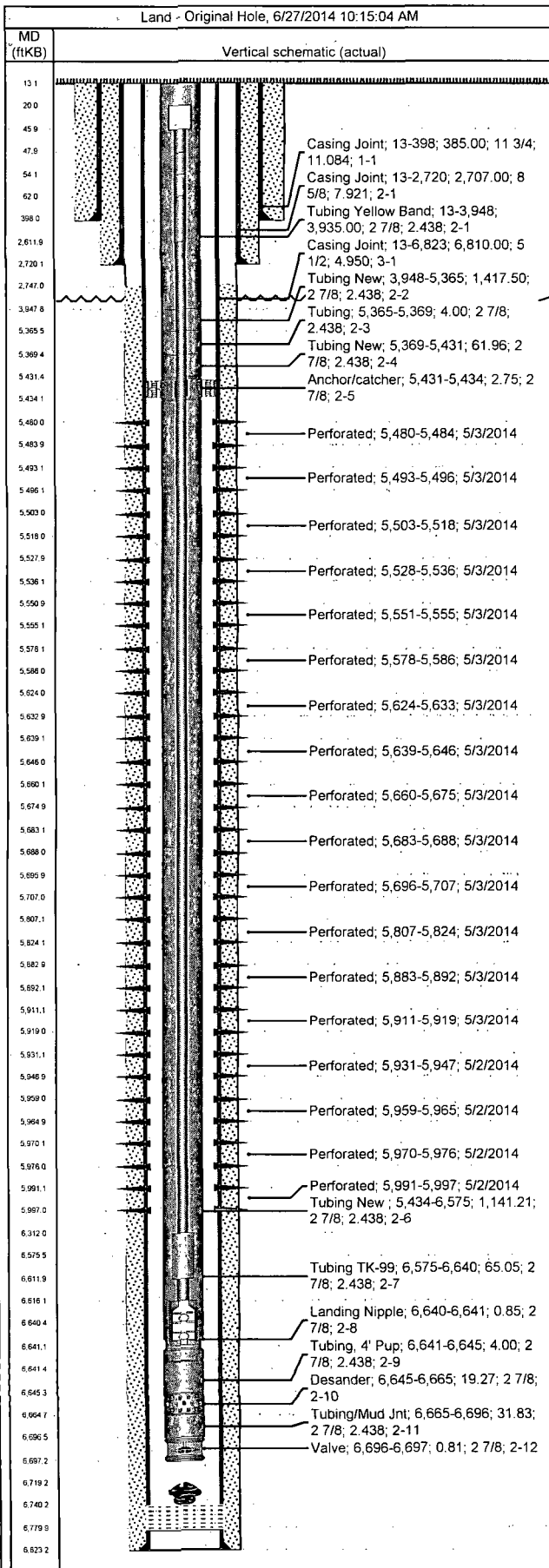
Rod Strings			
Rod Description Rods	Planned Run? N	Set Depth (ftKB) 6,641.0	Set Depth (TVD) (ftKB)
Run Date 5/27/2014	Run Job Completion - Reconfigure, 4/29/2014 10:00	Pull Date	Pull Job

Rod Components							
Jts	Item Des	OD (in)	Grade	Model	Len (ft)	Top (ftKB)	Btm (ftKB)
1	Polished Rod	1 1/2		Sprayloy	26.00	20.0	46.0
1	Pony Rod	7/8			2.00	46.0	48.0
1	Pony Rod	7/8			6.00	48.0	54.0
1	Pony Rod	7/8			8.00	54.0	62.0
102	Sucker Rod	7/8	Special	Grade 97	2,550.00	62.0	2,612.0
148	Sucker Rod	3/4	Special	Grade 97	3,700.00	2,612.0	6,312.0
12	Sinker Bar	1 1/2			300.00	6,312.0	6,612.0
1	Stabilizer Pony Rod	7/8			4.00	6,612.0	6,616.0
1	Rod Insert Pump	2			25.00	6,616.0	6,641.0



Wellbore Schematic

Well Name MATTERN, H.T. NCT-B 023	Lease Mattern, H.T. NCT-B	Field Name Blinebry Oil & Gas	Business Unit Mid-Continent
--------------------------------------	------------------------------	----------------------------------	--------------------------------



Job Details

Job Category	Start Date	Release Date
Major Rig Work Over (MRWO)	4/29/2014	5/7/2014
Major Rig Work Over (MRWO)	5/9/2014	5/10/2014
Major Rig Work Over (MRWO)	5/11/2014	5/15/2014
Major Rig Work Over (MRWO)	5/15/2014	5/27/2014

Casing Strings

Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Top Thread	Set Depth (MD) (ftKB)
Surface	11 3/4	42.00	H-40		398
Intermediate Casing 1	8 5/8	32.00	K-55		2,720
Production Casing	5 1/2	15.50	K-55		6,823

Tubing Strings

Tubing - Production set at 6,697.2ftKB on 5/23/2014 10:00

Tubing Description		Run Date		String Length (ft)		Set Depth (MD) (ftKB)	
Tubing - Production		5/23/2014		6,684.23		6,697.2	
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Btm (ftKB)	
Tubing Yellow Band	124	2 7/8	6.50	J-55	3,935.00	3,948.0	
Tubing New	44	2 7/8	6.50	J-55	1,417.50	5,365.5	
Tubing	1	2 7/8	6.50	J-55	4.00	5,369.5	
Tubing New	2	2 7/8	6.50	J-55	61.96	5,431.4	
Anchor/catcher	1	2 7/8			2.75	5,434.2	
Tubing New	36	2 7/8	6.50	J-55	1,141.21	6,575.4	
Tubing TK-99	2	2 7/8	6.50	J-55	65.05	6,640.5	
Landing Nipple	1	2 7/8			0.85	6,641.3	
Tubing, 4' Pup	1	2 7/8	6.50	J-55	4.00	6,645.3	
Desander	1	2 7/8			19.27	6,664.6	
Tubing/Mud Jnt	1	2 7/8	6.50	J-55	31.83	6,696.4	
Valve	1	2 7/8			0.81	6,697.2	

Rod Strings

Rods on 5/27/2014 12:30

Rod Description		Run Date		String Length (ft)		Set Depth (ftKB)	
Rods		5/27/2014		6,621.00		6,641.0	
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Btm (ftKB)	
Polished Rod	1	1 1/2			26.00	46.0	
Pony Rod	1	7/8			2.00	48.0	
Pony Rod	1	7/8			6.00	54.0	
Pony Rod	1	7/8			8.00	62.0	
Sucker Rod	102	7/8	2.22	Special	2,550.00	2,612.0	
Sucker Rod	148	3/4	1.63	Special	3,700.00	6,312.0	
Sinker Bar	12	1 1/2	6.01		300.00	6,612.0	
Stabilizer Pony Rod	1	7/8			4.00	6,616.0	
Rod Insert Pump	1	2			25.00	6,641.0	

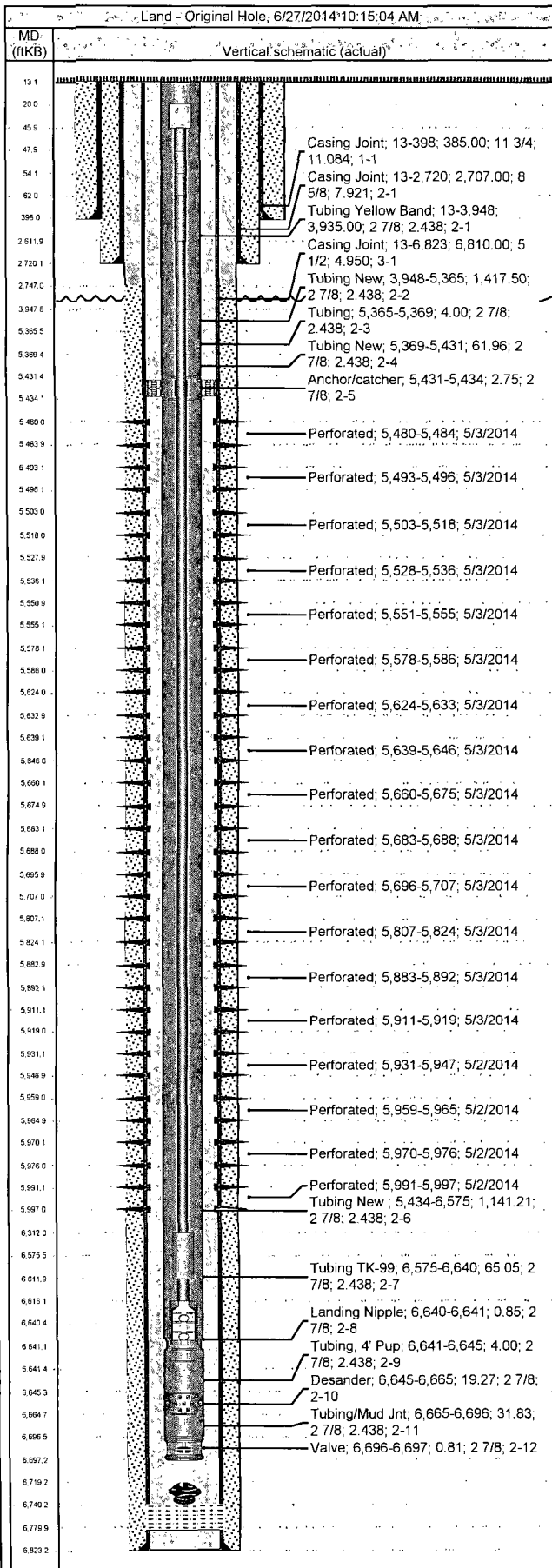
Perforations

Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total	Zone & Completion
5/3/2014	5,480.0	5,484.0	2.0	8	
5/3/2014	5,493.0	5,496.0	2.0	6	
5/3/2014	5,503.0	5,518.0	2.0	30	
5/3/2014	5,528.0	5,536.0	2.0	18	
5/3/2014	5,551.0	5,555.0	2.0	8	
5/3/2014	5,578.0	5,586.0	2.0	16	
5/3/2014	5,624.0	5,633.0	2.0	18	
5/3/2014	5,639.0	5,646.0	2.0	14	
5/3/2014	5,660.0	5,675.0	2.0	30	
5/3/2014	5,683.0	5,688.0	2.0	22	
5/3/2014	5,696.0	5,707.0	2.0	34	
5/3/2014	5,807.0	5,824.0	2.0	34	



Wellbore Schematic

Well Name MATTERN, H.T. NCT-B 023	Lease Mattern, H.T. NCT-B	Field Name Blinberry Oil & Gas	Business Unit Mid-Continent
--------------------------------------	------------------------------	-----------------------------------	--------------------------------



Perforations

Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total	Zone & Completion
5/3/2014	5,883.0	5,892.0	2.0	18	
5/3/2014	5,911.0	5,919.0	2.0	16	
5/2/2014	5,931.0	5,947.0	3.0	48	
5/2/2014	5,959.0	5,965.0	3.0	18	
5/2/2014	5,970.0	5,976.0	3.0	18	
5/2/2014	5,991.0	5,997.0	3.0	18	

Other Strings

Run Date	Pull Date	Set Depth (ftKB)	Com

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Pull Date	Com
Bridge Plug (Retrievable) Peak	6,145.0	6,152.0	5/2/2014	5/20/2014	
Fill (Sand / Mud / Debris)	6,145.0	6,125.0			
Fish (HWO)	6,719.0	6,740.0			2 3/8" Mud Anchor Fish stuck in Fill
Fill (Sand / Mud / Debris)	6,740.0	6,780.0	5/22/2014		Fill and Part of 2 3/8" Mud Anchor