

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

HOBBS OGD  
NOV 13 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. 30-025-30826
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 checked="" type="checkbox"/> FEE <input 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 WEST DOLLARHIDE DRINKARD UNIT
4. Well Location Unit Letter J : 2541 feet from the SOUTH line and 1380 feet from the EAST line Section 32 Township 24S Range 38E NMPM County LEA		8. Well Number 104
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 4323
		10. Pool name or Wildcat DOLLARHIDE TUBB 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 ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

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

OTHER: CLEAN OUT, ACIDIZE & SAND FRAC STIM

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 see attached reports for work done from 6/10/13 to 7/13/13.

OPERATOR HAS NOT FILED A FRAC DISCLOSURE  
FORM ONLINE

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

*Britany Cortez*

TITLE

Permit Specialist

DATE 11/12/13

Type or print name Britany Cortez

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

PHONE: 432-687-7415

For State Use Only

APPROVED BY

*Maxey Brown*

TITLE

*Compliance Officer*

DATE 11/14/2013

Conditions of Approval (if any):

NOV 14 2013



# Summary Report

Major Rig Work Over (MRWO)

Stimulation

Job Start Date: 6/10/2013

Job End Date: 7/13/2013

Well Name WEST DOLLARHIDE DRINKARD UNIT 104		Lease West Dollarhide Drinkard Unit	Field Name Dollarhide - Primary	Business Unit Mid-Continent	
Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation		Mud Line Elevation (ft)	Water Depth (ft)

**Report Start Date:** 6/10/2013

Com

Rig move checklist and route planning.

Road unit to location.

Permit writing, installation of locks, and site specific hazards.

Spot all equipment and RU.

Unhang horse head and LD same

Noon meal.

POH LD rods and pump. Recovered: 1 1/2" x 26' PR, 2 x 1" rod subs (6', 2'), 71 x 1" rods, 81 x 7/8" rods, 108 x 3/4" rods, 4' guide sub, 2 1/2 x 24' insert pump w/ mechanical hold down and strainer nipple. Heavy cplg wear on 1" and 7/8" rods. Heavy scale on the 3/4" rods. Localized pitting noted on several rods (dime sized). NOTE: rod count differs from well file by 18 rods (450').

RD rod equipment. Raise floor. Prepare to ND B-1 adapter and NU BOPE.

ND B-1 adapter. PU on string. B-1 moved at 76K. Unable to fit rig slips under B-1 at 82K.

Re-land B-1. Tighten bolts. Will bring short slips tomorrow. Well secured.

Crew travel

**Report Start Date:** 6/11/2013

Com

Travel to LOC

Reveiwed JSA and work scope for the day

Casing pressure Opsi, Tubing Pressure Opsi, N/D wellhead, Release TAC, N/U Bop

Safety meeting for the hydrotesters, Went over thier jsa.

R/U hydrotester's on well,

TOH and laying down 2 7/8, 6.5# J55 8rd tubing, scanning each JT,

While conducting a rig inspection found out that lifting equipment was overdue an inspection by a month. Used SWA to shut job down, lifting equipment inspection is overdue by a month. Debrief crew

Crew travle home

**Report Start Date:** 6/12/2013

Com

Crew travel to LOC

Reveiwed JSA's of work to be done, went over job scope for today

Remove outdated inspected bales, slips and elevator's, with newly inspected bales, slips and elevator's, and hydrostatic testing equipment, Caliperated elevators and tubing

Scanned and LD 213 JT's of 2 7/8 6.5# J55 Tubing 96 JT's are bad, 55 yellow and 62 blue, tally all production tubing, and prep for run in well with workstring,

Take production tubing off of the pipe rack and replace with work string of 225 JT's 2 7/8" 6.5# L80 EUE

R/U BHA of 4-3/4 OD Bit, and 2 crossover subs, TIH with workstring of 2-7/8" 6.5# L-80, tubing, to 5957' on JT 183 went through first tight spot at 5898-5899' no problems and didn't stack any weight. Shut in well for night. Debrief crew

Crew travel home for night

**Report Start Date:** 6/13/2013

Com

Crew travel to LOC

Went over JSA's, and work scope for the day

Caliperate elevators, and tubing, TIH with workstring of 2-7/8" 6.5# L80 tubing, Went throught both tight spots at 6694-95' and 6735', no problems at all did not stack any weight. Tag PBTD at 6895'. did not see any fill at all,

TOH standing back workstring in derrick.

RU hydrotesters to test tubing to 6000psi while TIH

PU/RIH with a 5-1/2 packer on 2-7/8 6.5# L-80 work string tubing, hydrotesting all JT's of tubing to 6000psi, set packer at 6425' on stand 98

Set packer at 6416' on JT 197, RD hydrotesters, all JT's pressured tested to 6000psi, Loaded backside and pressure tested casing to 500psi held for 5 minutes. good test. Shut in well for night. Debrief crew

Crew travel home

**Report Start Date:** 6/14/2013

Com

Crew travel to LOC

Went over JSA for RU and pumping acid, and job scope for the day

RU acid trucks and pumps to well



# Summary Report

Major Rig Work Over (MRWO)  
Stimulation  
Job Start Date: 6/10/2013  
Job End Date: 7/13/2013

Well Name WEST DOLLARHIDE DRINKARD UNIT 104		Lease West Dollarhide Drinkard Unit	Field Name Dollarhide - Primary	Business Unit Mid-Continent	
Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation		Mud Line Elevation (ft)	Water Depth (ft)

Com

Pressure test all surface lines to 6000psi, good test, pump and hold casing pressure to 500 psi  
Establish rate of 6.5 BPM; Load well with 16 bbl of water tubing pressure 143psi  
09:35, start pumping 72 Bbl's of acid tubing pres. 1324psi, casing pres. 550psi  
09:41, acid on formation, tubing pres. 2055psi, casing 536 psi  
09:46, Start 1st block drop of 1000#, tubing pres. 2051psi, casing pres. 472 psi  
09:47, start acid, tubing pres. 1977psi, casing 458 psi  
09:55, block action 109# psi increase tubing pres. 2229psi, casing 486 psi  
09:58, start 2nd block drop 1500#, tubing pres. 1881, casing 537 psi  
10:00, start acid, tubing pres. 1915psi, casing 417 psi  
10:08, 2nd block action on formation 217# increase, tubing pres 2257psi, casing 303 psi  
10:11, start 3rd block drop of 2000#, tubing pres. 2069psi, casing 343psi  
10:14, Start acid, tubing pres. 1785psi, casing 316 psi  
10:21, 3rd block action on formation, 360# increase  
10:23, monitor psi and rate, tubing pres. 2308 psi, casing 352 psi  
10:26, Start flush, tubing pres. 2284 psi, casing 374 psi  
10:33, Shut down finished flushed, tubing pres. 2212, psi, casing 275 psi  
10:34 ISIP, tubing pres. 840 psi, casing 252 psi, max rate 6.4 BPM/Avg rate 6.4 BPM, Max pressure 2478 psi/ Avg pressure 2050 psi, Total acid pumped 294  
Bbl's/ Total Brine pumped 99 Bbl's, Total load 393 Bbls, total rock salt 4500#  
10:39, 5 min SIP, tubing pres 496 psi, casing 225 psi  
10:44, 10 min SIP, tubing pres. 305 psi, casing 2 psi the bleed it off at surface  
10:49, 15 min SIP, tubing pres. 139 psi,  
RDMO acid trucks

Shut in well for 1 hour to let acid spend

Well is not flowing, Start swabbing well to recover 100% of acid about 393 bbls. have only recovered 80 Bbls, Shut in well for night. Debrief crew

Crew travel home

Report Start Date: 6/15/2013

Com

Crew travel to LOC

Went over JSA's for the day and job scope

Swab well to collect acid. No acid in returns just water with a little oil. RD swabber.

Release packer, TOH with workstring of 2-7/8" 6.5#, L-80 tubing, standing up in derrick

OOH, RD Packer, Put on notch collar, TIH

TIH with 2-7/8" 6.5# L80, workstring tubing, Tag salt at 6863' on JT 211

RU Packer swivel on 2-7/8 tubing and stripper on BOP, wash down to PBTD at 6895' on JT 212

Tag PBTD, TOH laying down work string of 2-7/8 6.5# L80

Stop on JT 77, 2513' for kill string, Shut in well for night, Debrief crew

Crew travel home

Report Start Date: 6/17/2013

Com

Crew travel to LOC

Review JSA and work scope of the day

TOH laying down the kill string of 2-7/8", 6.5#, L80

Off load 3-1/2 9.3# L80 frac string

waiting on 3-1/2" elevators

Tested packer to 5000Psi good test, Tested BOP to 250 low 1000 high did not hold either way, was not up from pipe rams, pulled packer out of hole replaced packer, still would not hold pressure, very slow bleed off. but rams are holding fluid down hole. seen lighting, pulled packer out of hole, shut in well for night.

Crew travel home

Report Start Date: 6/18/2013

Com

Crew travel to LOC

Reviewed JSA's and work scope for day

PU packer, Pressure test packer 6000psi, good test, Test BOP 250 low 1000 High, good test, TIH with 3-1/2 frac string hydro testing each JT to 8000psi

placed packer at 6374' RD hydro static tester, load well with 55 BBL of 10# brine water, Set packer at 6374' 199 JT's of 3-1/2 L80, load backside with 10# brine water, NU frac valve, pressure annulus to 500 psi, pressure test frac valve to 8500 psi RDMO

Crew travel home

Report Start Date: 6/28/2013

Com

Sign in sheet. JSA's and safety meeting.

Cross Lync getting reconfigured. Was going off of a temperature of 103 bottom hole pressure when actually BHP is 117 degrees. Cross Link to re-calculate and test for the actual BHP, for better and more accurate analytical.



# Summary Report

Major Rig Work Over (MRWO)  
Stimulation  
Job Start Date: 6/10/2013  
Job End Date: 7/13/2013

Well Name WEST DOLLARHIDE DRINKARD UNIT 104	Lease West Dollarhide Drinkard Unit	Field Name Dollarhide Primary	Business Unit Mid-Continent
Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	Mud Line Elevation (ft) Water Depth (ft)

Com  
Fuel Truck did not show up so waited on fuel truck to show up to keep trucks loaded. (Third party contractor)

Test lines to 9000 psi  
Stg 1 frac ("Drinkard", top perf 6484' - btm perf 6883')  
Shut-in Wellhead PSI = Well on Vacuum- 0 psi  
1. Breakdown: 5974 psi, 4.5 bpm, 70.3 bbl Pre-pad: 107.8 bbl, 16.8 bpm, 853 psi  
3. Pad: 785.9 bbl, 40.3 bpm, 5076 psi, 30# X-Link Gel (fluid type).  
4. 50.1 bbl, 37.4 bpm, 6963 psi, 976 lbm pumped, .5# (20/40 White), X-Link Gel w/sand (fluid type).  
5. Pad: 189.8 bbl, 37.6 bpm, 6370 psi, 2226 lbm pumped, 30# X-Link Gel (fluid type).  
6. 51.2 bbl, 40.1 bpm, 6826 psi, 3148 lbm pumped, 1# (20/40 White), X-Link Gel w/sand (fluid type).  
7. Pad: 785.8 bbl, 40 bpm, 6642 psi, 4257 lbm pumped, 30# X-Link Gel (fluid type).  
8. 378.5 bbl, 40 bpm, 6838 psi, 23225 lbm pumped, 1-1.5# (20/40 White), X-Link Gel w/sand (fluid type).  
9. 467 bbl, 40 bpm, 6662 psi, 59273 lbm pumped, 1.5-2.5# (20/40 White), X-Link Gel w/sand (fluid type).  
10. 548.2 bbl, 38 bpm, 6405 psi, 120197 lbm pumped, 2.5-3.5# (20/40 Ramp), X-Link Gel w/sand (fluid type).  
11. 571.2 bbl, 37.9 bpm, 6763 psi, 203678 lbm pumped, 3.5-5# (20/40 SLC), X-Link Gel w/sand (fluid type).  
12. 426.4 bbl, 37.9 bpm, 6979 psi, 271331 lbm pumped, 5# (20/40 SLC), X-Link Gel w/sand (fluid type).  
13. Flush: 38 bpm, 6178 psi  
ISIP: 2372 psi, 5 min: 2321 psi, 10 min: 2259 psi, 15 min: 2222 psi.  
Max WHTP: 6979 psi, Avg WHTP: 6674 psi  
Max Rate: xx40.3 bpm, Job Rate: 40 bpm (job rate is the rate when all things were running smoothly)  
Prop total: 271331 lb, size, type. Plan total: 283750 lb

Rigged down frac crew and equipment. Debriefed with crew over days operations.

Report Start Date: 6/29/2013

Com  
Rigged up flow down equipment and laid out lines to half. Prepped to flow down well.

Opened up well. Pressure was 40 psi. Flowed down well and well flowed down immediately. Got SITP for an hour. Pressure was 0 psi. Asked flow back crew to keep in open and get 8 hour shut in pressure. Pressure was 0 psi after 8 hours. Rigged down flow back crew in morning.

Report Start Date: 7/3/2013

Com

Crew travel

SM: Tenet, HazID, E-Colors, SWA, rig move checklist, operations plan, road hazards, high lines discussed. Unit checked for road.

Road to location

SM: Write permits for IHE, site specific sheet, and locks installed. Discuss location hazards and spotting of all equipment.

Spot and RU unit.

Pull old floor off. Install new floor. New floor lacks proper tie off in the front. Pull off new floor and re-install old floor.

Finish RU.

Crew lunch while waiting on reverse unit.

Equilibria P.I. class.

SITP = 250 psi. RU and bleed off pressure. Pressure fell to below 50 psi. Slugging gas and oil. Offloading tubing onto racks and loading out backhaul. Offloading rods and loading old rods for backhaul.

Bullhead 50 bbl BW down tbg. Well on vacuum.

ND frac valve, RU floor.

Release packer. Secure well for long weekend.

Crew travel.

Report Start Date: 7/8/2013

Com

Crew travel

SM: tenet, HazID, E-Colors, SWA, operations plan.

SITP = 420 psi. SICP = 120 psi. Blow dry gas off each side. Pump 15 bbl BW down casing and 10 bbl BW down tbg to kill gas. Set COM. Caliper elevators

TOH LD 3 1/2" WS.

Change out pipe rams. Offload 3 1/2" tubing and prep 2 7/8" production tubing.



# Summary Report

Major Rig Work Over (MRWO)

Stimulation

Job Start Date: 6/10/2013

Job End Date: 7/13/2013

Well Name WEST DOLLARHIDE DRINKARD UNIT 104	Lease West Dollarhide Drinkard Unit	Field Name Dollarhide - Primary	Business Unit Mid-Continent
Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	Mud Line Elevation (ft) Water Depth (ft)

Com

PU packer. RIH 60'. Set pkr and load hole. Test rams to 250 low and 670 psi high.

Noon meal

PU 4 3/4" bit and BS. TIH PU tbg. 72 joints run.

Crew travel

Report Start Date: 7/9/2013

Com

Crew travel to LOC

SM went over JSA's, tenet, HazID, E-Colors, SWA, operations plan.

TIH with 2-7/8 6.5# J55 tubing, Tag at 6715'

RU power swivel and stripper rubber.

TIH, washing sand Tag PBTD at 6895'

Circulate well clean for double bottoms up about 75 minutes.

RD power swivel and stripper rubber

TOH with 2-7/8 6.5# J55 Tubing above perfs or 6168' leaving 96 stands in well, shut in well for night.

Crew travel home for night

Report Start Date: 7/10/2013

Com

Crew travel to LOC

SM went over JSA's, tenet, HazID, E-Colors, SWA, operations plan.

TOH 96 stands of 2-7/8 6.5# J55 tubing.

PU packer on 2-7/8 tubing

TIH with packer to 6420', 201 joints of 2-7/8 6.5# J55 tubing

Set packer

RU Precision Pressure Data slick line services and ProTechnics logging tool to log well for after frac tracer log.

RIH to PBTD at 6895', ProTechnics Logged well for after frac tracer from 6000' to 6886'

POOH with wireline, RD wireline

RU pump truck to bullhead 55 Bbls mixed with 3 drums of Baker SCW260 scale inhibitor into perfs. flush with 200 bbls of brine water. Pumping at 3 BPM. pressure on tubing was 500psi, shut in for night.

Crew travel home

Report Start Date: 7/11/2013

Com

Travel to LOC

SM went over JSA's, tenet, HazID, E-Colors, SWA, operations plan.

bleed off well, release packer, TOH with 5-1/2 treating packer, LD packer

TIH with BHA of Snad screen Seat nipple Blast JT, 13 Jts of 2-7/8 6.5# J55 production tubing, TAC, 2 Jts of 2-7/8 6.5# J55 production tubing, Tubing pony sub, and 198 Jts of 2-7/8 6.5# J55 production tubing.

ND BOP, Set TAC at 6404.11', NU wellhead. Shut in well for the night

Crew travel home for the night.

Report Start Date: 7/12/2013

Com

Crew travel to LOC

SM went over JSA's, tenet, HazID, E-Colors, SWA, operations plan.

RU pump BHA and run rods

Let Maintenance Planners know that rig can not put horse head on pump jack. Maintenance Planners called Lufkin, RDMO

Crew travel home for night

Report Start Date: 7/13/2013

Com

Crew travel to loc

SM went over JSA's, tenet, HazID, E-Colors, SWA, operations plan.

RDMO