Submit 1 Copy To Appropriate District Office State of New Mexic	/
<u>District I</u> – (575) 393-6161 Energy, Minerals and Natural 1625 N. French Dr., Hobbs, NM 88240	WELL API NO
District II - (575) 748-1283 811 S. First St., Artesia, NM 882100B3S OCD OIL CONSERVATION D	IVISION 30-025-40463
District III = (303) 334-01/8	
1000 Rio Brazos Rd., Aztec, NM 87410 District IV – (505) 476-3460 MAY 2 2 2013 Santa Fe, NM 8750	SIAIE   FEE
1220 S. St. Francis Dr., Santa Fe, WM	o. State on & Gas Lease 110.
87505 SUNDRY NOTICES AND REPORTS ON WELLS	7. Lease Name or Unit Agreement Name
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR PROPOSALS.)	BACK TO A CENTRAL VACUUM UNIT
1. Type of Well: Oil Well  Gas Well  Other INJECTION	8. Well Number 258
12. Name of Operator CHEVRON U.S.A. INC.	9. OGRID Number 4323
3. Address of Operator	10. Pool name or Wildcat
15 SMITH ROAD, MIDLAND, TEXAS 79705	VACUUM GRAYBURG SAN ANDRES
4. Well Location	Sanda PASTI
Unit Letter A: 1005 feet from the NORTH line and 185 feet Section 36 Township 17-S Range	/
Section 36 Township 17-S Range  11. Elevation (Show whether DR, R.)	
12. Check Appropriate Box to Indicate Nati	are of Notice Report or Other Data
	•
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
<del>-</del>	REMEDIAL WORK
<u> </u>	ASING/CEMENT JOB
DOWNHOLE COMMINGLE	
OTHER:	OTHER COMPLETION OF NEW WELL
13. Describe proposed or completed operations. (Clearly state all per of starting any proposed work). SEE RULE 19.15.7.14 NMAC.	
proposed completion or recompletion.	For Multiple Completions: Attach wellbore diagram of
PLEASE FIND ATTACHED, THE REPORTS FOR WORK DONE F COMPLETION OF THIS NEW DRILL.	FROM 12/11/2012 THROUGH 02/20//2013 FOR THE
4-11-13 Inja 967 ZWPD@ 1500 PS;	
Spud Date: Rig Release Date:	
I hereby certify that the information above is true and complete to the best	of my knowledge and belief.
SONKO FINI VOL 60	·
$\mathcal{J}$	ATORY SPECIALIST DATE: 05/20/2013
Type or print name: DENISE PINKERTON P-mail address: leakejd	@chevron.com PHONE: 432-687-7375  DATE DATE DATE DATE DATE DATE DATE DATE
APPROVED BY: TITLE Conditions of Approval (if any):	1. IVICA DATE DATE



Completion Complete

Job Start Date: 12/11/2012 Job End Date: 2/20/2013

Well Name
CENTRAL VACUUM UNIT 258
Central Vacuum Unit
Ground Elevation (ft)
3,991.00
A,009.50
A,009.50, 12/11/2012

Field Name
Vacuum
Mid-Continent/Alaska

Ground Elevation (ft)
A,009.50
A,009.50, 12/11/2012

Report Start Date: 12/11/2012

Com

Report Start Date: 1/10/2013

Com

SPOT PUMP TRUCK AND RIG UP PUMP LINES.

JSA MEETING W/ PUMP TRUCK

OPEN UP BRADENHEAD, NO PRESSURE. FILL UP SURFACE BRADENHEAD (.067 BBLS NEEDED) AND INTERMEDIATE BRADENHEAD (.043 BBLS NEEDED). FILL UP PROD CSG W/ FW AND PRESSURE TEST TO 5000 PSI FOR 10 MIN, GOOD TEST. SPOT WIRELINE TRUCK AND PERFORM JSA MEETING W/ CREW.

RU WIRELINE EQUIPMENT

TEST LUBRICATOR TO 1000 PSI, GOOD TEST. RIH W/ GR-CBL-CCL. PERFORM A REPEAT PASS W 0 PSI FROM PBTD(4978') TO SURFACE (LOGS SHOWED GOOD CMT TO SURFACE). PERFORM MAIN PASS W/ 1000 PSI ON WELL FROM PBTD TO SURFACE, GOOD CMT AS WELL ON LOG. TOH LD LOGGING TOOLS. PICK UP SECOND LOGGING TOOLS, SGR-CNL. TIH AND LOG FROM PBTD (4972') TO 3200'. TOH AND LD LOGGING TOOLS.

RD WIRELINE EQUIPMENT AND PUMP TRUCK LINES.

WELL SHUT IN AND SHUT DOWN.

Report Start Date: 2/2/2013

Com

TRAVEL TIME

HSM, DISCUSS TENET #22, DISCUSS HAZARD ID WHEEL #2, DISCUSS E-COLORS #2, REVIEW JSA'S AND SOP'S CALIPER TBG. ELEVATORS AND DOCUMENT ON DAILY SHEET

RIG UP

OFFLOAD EQUIPMENT

PU BHA AND TBG. RIH TO 4984' TAG

PU SWIVEL BREAK CIRC DRILL SOFT CMT FROM 4982' TO 5011' DRILL ON FLOAT COLLAR 1.75 HRS. CIRC CLEAN SDOW

TRAVEL TIME

Report Start Date: 2/4/2013

Com

TRAVEL TIME

HSM, DISCUSS TENET #4, DISCUSS HAZARD ID WHEEL #4, DISCUSS E-COLORS 34, REVIEW JSA'S AND SOP'S CALIPER TBG. ELEVATORS AND DOCUMENT ON DAILY SHEET IN DOG HOUSE

COMPLETE DRILL FLOAT COLLAR AND DRILL DOWN TO 5020'

CIRC CLEAN

POOH TBG. AND L.D. BHA SDON

TRAVEL TIME

Report Start Date: 2/5/2013

Com

CREW TRAVEL

HELD SAFETY MTG, REVIEW JSA'S

CHECK WELL PRESSURE 0#, OPEN WELL. SECURE WELL AND SHUT DOWN

WAITING ON EQUIPMENT (BAKER ATLAS)

Report Start Date: 2/6/2013

-,Com

CREW TRAVEL

SAFETY MTG, REVIEW JSA'S AND TENET #6

CHECK WELL PRESS=0#. OPEN WELL

RD TBG FLOOR AND ND BOPs.

NU 2-5K FRAC VALVES LOAD AND TEST TO 3500# HIGH AND 500# LOW, CHART AND TEST, NO LEAKS

HELD SAFETY MTG WITH BAKER ATLAS WIRE LINE.

MIRU BAKER ATLAS AND TEST LUBICATOR TO 500# GOOD

TIH WA" OWEN SLICK GUNS AND PERF FROM 4906' TO 5000' IN 5 RUNS 2-JSPF 120 DEGREE PHASING, 0.47" EHD, 24.96" PENETRATION.

1ST RUN 4980' TO 5,000'

2ND RUN 4960' TO 4980'

3RD RUN 4940' TO 4960'

4TH RUN 4920' TO 4940'

5TH RUN 4906' TO 4920'

RD WIRE LINE & SHUT IN WELL

CREW TRAVEL

PREP TO ACIDIZE

Report Start Date: 2/7/2013

Page 1/6



Completion Complete

Job Start Date: 12/11/2012 Job End Date: 2/20/2013

 Well Name
 Lease
 Field Name
 Business Unit

 CENTRAL VACUUM UNIT 258
 Central Vacuum Unit
 Vacuum
 Mid-Continent/Alaska

 Ground Elevation (ft)
 Original RKØ (ft)
 Current RKB Elevation
 Mud Line Elevation (ft)
 Water Depth (ft)

 3,991.00
 4,009.50
 4,009.50, 12/11/2012
 4,009.50
 4,009.50
 4,009.50

Com

**CREW TRAVEL** 

SAFETY MTG. RVIEW JSA'S AND TENET #7, REVIEW HAZARD WHEEL. DISCUSS ACIDIZING FLAG OFF HIGH PRESSURE LINES.

MIRU PETROPLEX ACIDIZING.

WHILE MIXING CHEMICAL FLUIDS FOR ACID A LEAK WAS NOTICED ON DISCHARGE PUMP, SHUT DOWN PUMP, EST 10-15 GALS OF ACID ON GROUND. COVERED WITH SODA ASH, REPORTED LEAK TO BILL JONES HES AND RORY MATTHEWS,

WAITED ON EQUIPMENT TO BE REPAIRED, PUMP TRUCK WAS SENT TO LOVINGTON YARD.

MIRU PETROPLEX, HELD SAFETY MTG.

PUMP 10,000 GALS 15% NEFE ACID AND DROPPED 376 BALL SEALS AND 6,000# ROCK SALT, SPACED OUT EVENLY, 5 STAGES ACID, 3 STAGES

BALL SEALERS, 4 STAGES ROCK SALT

TEST LINES TO 4200# GOOD.

EST INJ RATE 2.0 BPM @ 1444# BRAKE

1ST STAGE 2.000 GALS15% ACID WITH 94 BALLS

2ND STAGE 1,500# ROCK SALT

3RD STGAE 2,000 GALS ACID WITH 94 BALLS

4TH STAGE1,500# ROCK SALT

5TH STGAE 2,00 GALS 15% ACID WITH 94 BALS AND DROPPED 94 BALLS AFTER ACID.

6TH STAGE 1.500% ROCK SALT

7TH STAGE 2,000 GALS 15% ACID NO BALLS

8TH STAGE 1,500# ROCK SALT

9TH STAGE 197 BBLS FLUSH TO BOTTOM PERF

ISIP=2105 5-MIN SI=1822 10-MIN SI=1671 15-MIN SI=1565 MAX PRESS=2666 AVG PRESS=2350 MAX RATE=10.1 BPM AVG RATE=8.5 BPM

**BLOCK ACTION** 

1ST SET OF BALLS ON FORMATION 2376 TO 2425

2ND SET OF R\S ON FORMATION 2488 TO 2560

3RD SET R\S ON FORMATION 2400 TO 2666

4TH SET R\S ON FORMATION 2380 TO 2570

#### RD PETROPLEX, 1 HOUR SHUT IN

WELL PRESS=1,000#. OPEN WELL 24\64 CHOKE FLOW BACK 37 BBLS IN 1 HOUR, WELL PRESS=100#. OPEN WIDE OPEN FOR 30 MINS WELL PRESS=0# RECOVERED 54 BBLS LAST 30 MINS. SHUT IN WELL, TOTAL FLUID RECOVERED 91 BBLS.

CREW TRAVEL

PREP TO SET CP @ 4880', PERF AND ACIDIZE UPPER INTERVAL FROM 47773' TO 4784' AND 4790' TO 4858'.

Report Start Date: 2/8/2013

Com

**CREW TRAVEL** 

SAFETY MTG.REVIEW JSA'S AND TENET #8, HAZARD WHEEL.

CHECK WELL PRESSURE 100#, OPEN WELL FLOW BACK ND TREATING VALVE AND 5K B-1 FLANGE

SAFETY MTG, WITH BAKER ATLAS, DISCUSS SETTING CP, PERFORATING, RADIO'S OFF, 3 POINT CONTACT, TRIPPING HAZARD, WELL PRESSURE.

MIRU BAKER ATLAS TO SET CP @ 4880', PERFORATE FROM 4773' TO 4784' AND 4790' TO 4858' IN 5 RUNS.

BAKER DIDN'T BRING OUT 7" LUBICATOR TO RUN 7" CP, WAITING ON TOOLS.

**CREW DRILLS** 

DISCUSS BOP DRIL

SPILL DRILL

FIRE DRILL

**EVACUATION DRILL** 

RIG INSPECTION

TOOLS ON LOCATION, SAFETY MTG, MIRU BAKER ATLAS, ATTEMPT TO TEST LUBICATOR TO 500# LEAKED OFF, ATTEMPT TO PACK OFF NO LUCK.

RIG DOWN LUBICATOR AND CHANGE OUT CUPS. RU LUBICATOR AND TEST TO 500# GOOD.

TIH W/7" X 3.30' CP ON WIRE LINE AND TIE INTO SHORT JT @ 3452' (BAKER ATLAS RADIAL CMT BOND LOG-CCL 1-10-13) SET CP @ 4880'. PULL UP TRIP IN AND TAG PLUG, TOH WITH SETTING TOOLS, LD TOOLS.

TEST PLUG TO 3500# 10-MINS GOOD NO LOST.

SHUT IN WELL AND SHUT DOWN

**CREW TRAVEL** 

PREP TO PERF AND ACIDIZE

Report Start Date: 2/9/2013

Com

**CREW TRAVEL** 

SAFETY MTG, REVIEW JSA'S AND TENET #9, REVIEW HAZARD WHEEL.

CHECK WELL PRESSURE 0#, OPEN WELL

MIRU BAKER ATLAS AND LUBICATOR

Page 2/6



Completion Complete

Job Start Date: 12/11/2012 Job End Date: 2/20/2013

Well Name
CENTRAL VACUUM UNIT 258
Central Vacuum Unit
Count Elevation (ft)
3,991.00
Count Elevation (ft)
Count Elevation (ft)
Count Elevation (ft)
Count Elevation
Count Eleva

Com

TIH WITH 4" OWEN GUNS, (TIE INTO BAKER ATLAS RAL-CCL-GR 1/10/2013) TO PERF FROM 4773' TO 4784', 4790' TO 4858' 4" OWN SLICK GUNS, 2JSPF 120 DEGREE PHASING, 0.47" EHD, 24.96" PENETRATION, IN 4 RUNS

1 ST RUN 4838' TO 4858 20' 40 HOLES

2 ND RUN 4818' TO 4838' 20' 40 HOLES

3 RD RUN 4798' TO 4818' 20' 40 HOLES

4 TH RUN 4790' TO 4798' 8' 16 HOLES

5 TH RUN 4773' TO 4784' 11' 22 HOLES

#### RIG DOWN LUBICATOR AND BAKER ATLAS.

HELD SAFETY MTG, TO PUMP 10,000 GALS 15% NEFE ACID WITH ROCK SALT AND BALL SEALERS

#### MIRU PETROPLEX, MIX ACID AND CHEMICALS

ACIDIZE PERFS FROM 4773' TO 4858 WITH 10,000 GALS 15% NEFE AND DROP 7\8" 1.30 SG 316 BALLS, AND 6300# ROCK SALT.

EST RATE 4.3 BPM 3200# BRAKE @ 3200#

1ST STAGE 2,000 GALS 15% ACID

2ND STAGE 1,500% ROCK SALT

3RD STAGE 2,000 GALS 15% ACID

4TH STAGE 1,500# ROCK SALT

5TH STAGE 2,000 GALS 15% ACID AND DROP 158 BALLS (10 BALLS EVERY 2.4 BBLS ACID)

6TH STAGE 1,500# ROCK SALT

7TH STAGE 2,000 GALS 15% ACID AND DROP 158 BALLS (10 BALLS EVERY 2.4 BBLS ACID)

8TH STAGE 1,800# ROCK SALT

9TH STAGE 2,000 GALS 15% ACID 10TH STAGE FLUSH WITH 192 BBLS TO BOTTOM PERF

NOTE: ON 7TH STAGE NOTICED LEAK ON GUARDIAN TREATING VALVE, WENT ON FRESH WATER, CLOSE FRAC VALVE,BLEED OFF PRESS, 10 MINS TO REPAIR. CHANGED OUT GASKET ON 2" X 5K 1\2 UNION.

NO BALL ACTION TO RECORD,

ROCK SALT ACTION ON LAST STAGE 2000# TO 2200#

ISIP=1850 5-MIN SI=1020 10-MIN SI=776 15-MIN SI=647 MAX PRESS=3200 AVG PRESS=2100 MAX RATE=9.2 AVG RATE=9.0 BALLS

DROPPED 316 ROCK SALT 6300# ACID 10,000 GALS TFTR=586 BBLS

RIG DOWN PETROPLEX, SHUT IN WELL

CREW TRAVEL

PREP TO RUN PLUG AND ND FRAC VALVES AND NU BOPS

Report Start Date: 2/11/2013

Com

CREW TRAVEL

SAFETY MTG. REVIEW JSA'S AND TENETS.

WELL PRESS=200#, OPEN WELL AND FLOW BACK 50 BBLS IN FIRST HOUR, WELL PRESS=300# FLOW BACK 125 BBLS IN 45 MINS, SHUT IN WELL RECOVERED A TOTAL OF 175 BBLS ALL WATER.

MIRU BAKER ATLAS AND TEST LUBICATOR TO 500# GOOD.

OPEM WELL PRESS 300#.TIH W/7" RBP 6.078"OD X 3.91', TIE INTO BAKER ATLAS RAL-GR-CCL 1/10/13, SET RBP @ 4500', TOH, BLEED DOWN PRESS, LOAD AND TEST PLUG TO 1,000# GOOD 89 BBLS TO LOAD, , TIH WITH 2ND RBP AND SET @ 500' TOH, RD WIRE LINE.

ND 2-5K FRAC VALES AND NU BOPs.

HELD SAFETY STAND DOWN

TEST BIND RAMS TO 500# HIGH AND 250# LOW

PICK UP AND HAUL OFF 2-5K FRAC VALVES AND RIG DOWN FLOW BACK MANIFOLD. CREW DRILLED OUT 2 HOLES FOR TBG FLOOR GUARD RAILS AND INSTALLED LOCKING PINS.

CALIPER 2 7/8" ELEVATOR, TIH TO 468' TEST 2 7/8" PIPE RAMS TO 500 HIGH AND 250# LOW, LATCH ON TO RBP @ 500', LET PRESSURE EQULIZE, TOH W/7" RBP AND LD.

∴ Com

TIH WITH RH AND 60 JTS 2 7\8" WSTO 1937

SHUT IN WELL AND SHUT DOWN

CREW TRAVEL

PREP TO CONTINUE TIH AND RETRIEVE RBP @ 4500', TOH, PU BIT AND DRILL OUT CP @ 4880'

Report Start Date: 2/12/2013

CREW TRAVEL

SAFETY MTG, REVIEW JSA'S AND TENET #2, CALIPER 2 7\8" ELEVATOR

CHECK WELL PRESSURE 0#, OPEN WELL

CONTINUE TIH W\RH ON 2 7\8" WS TO 4480' 139 JTS IN

DISPLACE HOLE W\ 10# BRINE WATER 180 BBLS

Page 3/6



Completion
Complete
Start Date: 12/11/2012

Job Start Date: 12/11/2012 Job End Date: 2/20/2013

Well Name
CENTRAL VACUUM UNIT 258
Central Vacuum Unit
Ground Elevation (ft)
3,991.00

Lease
Central Vacuum Unit
Vacuum
Vacuum
Vacuum

Field Name
Vacuum

Vacuum

Mid-Continent/Alaska

Mud Line Elevation (ft)
Water Depth (ft)

Com

LATCH ONTO RBP AND LET PRESSURE EQUALIZE

WIND DIRECTION CHANGE MOVE DOG HOUSE.

START TOH WITH RH AND RBP

LUNCH, REVIEW JSA'S.

SAFETY STAND DOWN

HAZARD HUNT

CONTINUE TOH AND LD 7" RBP

PU TIH WITH BHA ON 2 7\8" WS

TOP SUB 3 1\2" X 1 9\16"OD X .88'

DC 3 1\2"OD X 1 5\8"ID X 30.91'

DC 3 1\2"OD X 1 5\8"ID X 31.35'

DC 3 7\16"OD X 1 5\8"ID X 31.19

DC 3 1\2"OD X 1 5\8"ID X 31.18

DC 3 1\2"OD X 1 5\8"ID X 31.70"

DC 3 1\2"OD X 1 9\16"ID X 31.32

BIT SUB 4 1\4"OD X 2"ID X 1.85'

BEARCLAW BIT 6 1\8"OD X 1 1\2"ID X .53'

TOTAL =190.91'

TIH WITH BHA ON 2 7\8" WS 142 JTS IN, EOT @ 4763',

SHUT IN WELL AND SHUT DOWN

**CREW TRAVEL** 

PREP TO DRILL OUT CP, C\O BALL SEALER TO 5020', CIRC HOLE CLEAN, LD WS

Report Start Date: 2/13/2013

Com

CREW TRAVEL

HELD SAFETY MTG, REVIEW JSA'S AND TENET #3, CALIPER 2 7\8" ELEVATOR

CHECK WELL PRESSURE 0#, SLITE VACUUM

TIH TO 4870', PU POWER SWIVEL, 145 IN , 146 ON SWIVEL BRAKE CIRC

DRILL OUT BALL SEARLER FROM 4870' TO 4880', DRILL OUT CP FROM 4880' TO 4882'

TIH TO 5010 TAG BALLS W\149 IN, 150 ON SWIVEL

DRILL OUT BALL SEALER FROM 5010' TO 5020'. (5020 PBTD)

DISPLACE HOLE WITH 10# BRINE WATER.

RIG DOWN POWER SWIVEL AND RIG UP TBG TONGS

TOH LD 2 7\8" WS 86 JTS LD

EOT @ 2257'

SHUT IN WELL

CREW TRAVEL

PREP TO LD REMAINING WS AND BHA, RUN DUEL PKR, LON STRING

Report Start Date: 2/14/2013

·Com

**CREW TRAVEL** 

HELD SAFETY MTG, REVIEW JSA'S AND TENET #4, TBG LINE INSPECTION GOOD, CALLIPER 2 7\8" ELEVATOR

CHECK WELL PRESSURE =0#, OPEN WELL

CONTINUE LD 2 7\8" WS AND DC, 6 1\8" BEAR-CLAW BIT, BIT 35% WEAR.

RIG DOWN TBG FLOOR, ND BOP ANNULAR, MOVE OUT 2 7\8" WS AND MOVE IN 2 3\8" FIBER-LINE TBG AND 2 3\8" IPC TBG WITH WYP WRAP, TALLY 2 3\8" TBG

CALLIPER 2 3\8" ELEVATOR, PU RBP ON 2 3\8" WS AND TEST PIPE RAMS TO 500# AND 250# LOW, LITTLE TROUBLE GETTING RBP TO SET

CREW LUNCH, REVIEW JSA'S, WITH HYDROSTATIC AND TUBE SCOPE TECH

MIRU PIPE TESTERS AND TUBE SCOPE TECH

PU HYDRO 2 PEAK PKR AND 6 JTS 2 3\8" TK-99 ID, WITH WYP WRAP OD, 180.92', KICKED OUT 3 JTS PIN ENDS CHIPPED, REPLACED 2 AND REPAIRED 1,

PU PEAK HYDRO-2 DUAL PKR 5 7\8""OD X 5.40' X 2 3\8".

CALIBRATE TBG TONGS FOR MIN TORK FOR (IPC 2 3\8" IPC J-55 1290 FT\LBS) AND( FIBER LINE 1412 FT\LBS)

PU TIH W/2 3/8" FIBER LINE TBG WITH TURN DOWN COLLARS, TEST ALL 2 3/8" TBG TO 3000#, 50 JTS IN WITH BHA, EOT @1838".

RD PIPE TESTERS, SHUT IN WELL AND SHUT DOWN

CREW TRAVEL



Completion Complete

Job Start Date: 12/11/2012 Job End Date: 2/20/2013

Field Name Rusiness Unit **CENTRAL VACUUM UNIT 258** Central Vacuum Unit Vacuum Mid-Continent/Alaska Current RKB Elevation Mud Line Elevation (ft) Water Depth (ft) Ground Elevation (ft) Original RKB (ft) 3,991.00 4,009.50 4,009.50, 12/11/2012

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PREP T CONTINUE PU FIBERLINE

Report Start Date: 2/15/2013

Com

CREW TRAVEL

SAFETY MTG, DISCUSS JSA'S WITH CONTRACTOR, TUBE SCOPE, HYDROSTATIC, NABORS, INSPECT 2 3/8" SLIP TYPE ELEVATOR, INSPECT SINKER BARS.

WELL PRESSURE 0# OPEN WELL

CONTINUE PU 2 3\8" FIBER LINE TBG AND TESTING TO 3,000# BELOW SLIPS.

CREW LUNCH, REVIEW JSA'S

CONTINUE TIH PU 2 3\8" FIBER-LINE TBG, ALL TEST TESTED GOOD TO 3,000#

RIG DOWN PIPE TESTERS AND TUBE-SCOPE TECH.

NU 1\2 MOON HANGER IN WELL AND

RIG UP ON TBG, DROPPED 1.25" BALL, ATTEMPT TO SET BOTTOM PKR, @ 4881'.

PRESS UP TO 450# BLED DN TO 150# IN 4 MINS, PRESS UP TO 850#, PKR SET 750# LOST PRESS TO 400# IN 3-MINS, PRESS UP TO 1.000# LOST 200# IN 2-MINS, PRESS UP TO 1,500# BLED DN TO 750# IN 3-MINS, PRESSURED UP TO 2,000# UPPER PKR SET @ 1800#, LOST 1,000# IN 2-MINS, PRESS UP TO 2100# BLED DN TO 0# IN 5 MINS

UPPER PKR @ 4691'.

PRESSURE UP ON TBG TO SURGE PRESSURE AND KNOCK BALL OFF SEAT, SURGED SEVERAL TIMES, TEST DN TBG AND LEAKED OFF, LOAD AND TEST BACK SIDE TO 500# AND LEAKED OFF

SHUT IN WELL AND SHUT DOWN

CREW TRAVEL

PREP TO SET 1.43" (R) BLANKEN PLUG ABOVE LOWER PKR AND TEST TBG STRING AND PKR.

Report Start Date: 2/18/2013

CREW TRAVEL

SAFETY MTG, REVIEW JSA'S AND TENET #8, HAZARD WHEEL #8, INSPECT 2 3\8" SLIP TYPE ELEVATOR.

RETEST TBG TO 2,000# LEAKED OFF, RETEST BACK SIDE TO 500# AND LEAKED OFF, MIRU PIPE TESTERS, TIH WITH SINKER BARS AND TES CUPS AND SET IN TBG 22' FROM SURFACE, TEST TO 3,000# LEAKED OFF, TOH, AND TIH WITH 12' SINKER BARS WITH TEST CUPS. AND OPEN BOP BLEEDER, TEST TO 3,000# LEAKED OFF, LEAK ABOVE SURFACE, TOH WITH TEST BARS, REMOVE G&E LANDING NIPPLE ABOVE HALF MOON HANGER, CHANGE OUT O-RING (0-RING HAD TEAR). INSTALL LANDING NIPPLE, TIH WITH TEST BARS AND TEST TO 3,200# GOOD, RIG DOWN PIPE TESTERS. RIG UP ON TBG AND TEST TO 2,000# 15-MON NO LOSS, LOAD AND TEST BACK SIDE TO 1,000# 15-MINS NO LOSS, PUMP OUT PUMP OUT PLUG @ 3,000#

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MOVE IN 5,000' 2 3\8" FIBERLINE TBG WITH TURN DOWN COLLARS.

MIRU SLICK LINE

TIH WITH 1.50" GA RING, NO PROBLEMS, TIH WITH 1.43" (R) BLANKEN PLUG AND SET @ 4879' OFF SLICK LINE, TOH.

RIG DOWN SLICK LINE

INSTALL BPV IN LONG STRING, SET WELL HEAD SETTING PINS, TEST 2 3\8" BOP PIPE RAMS TO 250# LOW AND 1,000# HIGHT, GOOD, RELEASE PRESS OFF BPV.

RIG UP PIPE TESTERS & TUBE SCOPE TECH

TIH W/2 3/8" X 1.20' SEAL ASSEMBLY, 2 3/8" X .85' X 1.56" FRO-FILE (R) ON 2 3/8" FIBERLINE TBG 100 JTS IN, EOT @ 3241'.

RIG DOWN PIPE TESTERS, SHUT IN WELL AND SHUT DOWN

CREW TRAVEL

PREP TO CONTINUE PU TBG, SPACE OUT, CIRC PKR FLUID.

Report Start Date: 2/19/2013

Com

hsm, discuss tenetr #9, discuss hazard id wheel #9, discuss e-colors #9, review jsa's and sop's caliper tbg. elevators and document on daily sheet in doghouse

Rpu hydro testers and pu fiberlined tbg. rih to 4375' rd hydro testers

circ. pkr fluid

set tbg. and seal assb. in pkr HAD TO HAMMER SHORT TBG LANDING NIPPLE DOWN INTO HANGER ASSB. TO GET SEATED EVEN WAS ABOUT 1/2" HIGER THAN LONG STRING

test csg. to 550# gained 20# in 15 min bled off retest to 550# gaoined 15# in 15 min bled off wait 30 min retest to 550# gained 20# in 15 min bled off

set bvp in well on short string nd bop

nu well dual tree remove byp on short string and long string

ru slickline rih and removed 1.43 prong rih recovered plug in short string on spouth side of well tree closed tbg. valve rih w/ slickline and remove 1.43 prong in long string rih and sheared pin did not recover plug repinned and rih and recovered plug rd slickline rd slickline

travel time

Page 5/6

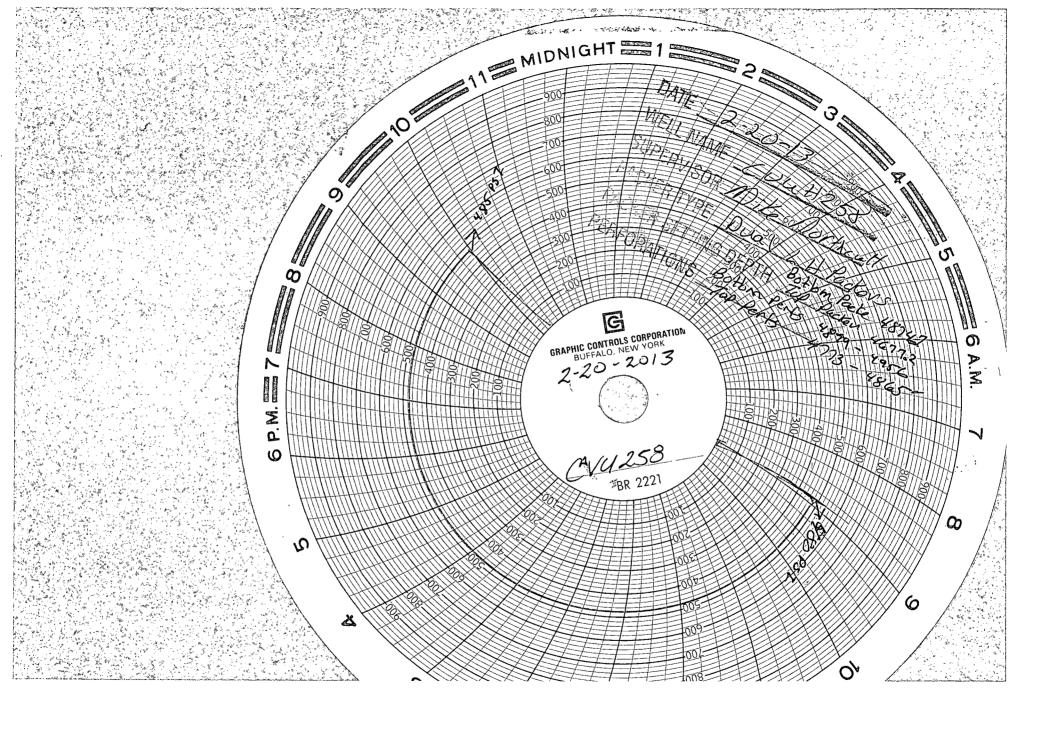


Completion Complete Job Start Date: 12/11/2012

Job End Date: 2/20/2013

me	Lease	Field Name	Business Unit	<del></del>	
RAL VACUUM UNIT 258	Central Vacuum Unit	Vacuum	Mid-Continent/Alaska		
Elevation (ft) Original RKB (ft)	Current RKB Elevation	Mud Line Elevation (ft)	Water Depth (ft)		
3,991.00 4,009.	0 4,009.50, 12/11/2012				

0,001.00 4,000.00 4,000.00, 121112012
Report Start Date: 2/20/2013
Company to the second of the s
TRAVEL TIME
HSM, DISCUSS TENET #10, DISCUSS HAZARD ID WHEEL #10, DISCUSS E-COLORS #10 REVIEW JSA'S AND SOP'S CALIPER TBG. ELEVATORS AND DOCUMENT ON DAILY SHEET IN DOG HOUSE
PRESS. CSG TO 480# W/ CHART 32 MIN GAINED 5# BLED OFF PUMP 20 BBLS WTR DOWN LONG STRING 2.5 BPM 2700# PUMP 20 BBLS WTR DOWN SHORT STRING 2.5 BPM 1700# NO COMMUNICATION
RIG DOWN





4,919

4,940 0

4,960 (

5 012.1

5,020 0

#### **Wellbore Schematic**

Field Name Business Unit Lease CENTRAL VACUUM UNIT 258 Vacuum Mid-Continent/Alaska Central Vacuum Unit Original Hole, 5/20/2013 10:38:30 AM Job Details Release Date Start Date Job Category Vertical schematic (actual) 1/10/2013 1/10/2013 Completion Tubing Pup Joint fiberlined; 7-9; 2/2/2013 2/20/2013 Completion [ 2.00; 2 3/8; 1.740; 2-1 Casing Hanger; 18-23; 5.00; 7; **Casing Strings** 6.366: 4-1 Set Depth Casing Hanger; 22-28; 5.60; 9 5/8; Csg Des OD (in) Wt/Len (lb/ft) Grade Top Thread (MD) (ftKB) 8 921 3-1 20 169.00 K-55 Conductor Tubing; 18-38; 20.00; 2 3/8; 1.724; 1-1,515 54.50 J-55 13 3/8 17.7 Surface Casing Joint; 24-78; 60.00; 20; 9 5/8 36.00 J-55 3,217 Intermediate Casing 18.375; 1-1 Casing Joint; 28-1,365; 1,337,33; 9 5/8; 8.921; 3-2 Production Casing 23.00 J-55 5,091 Casing Joint; 19-1,435; 1,433,75; 13 23 3 3/8; 12.615; 2-1 **Tubing Strings** External Casing Packer: 1.365-24 9 Tubing-long string set at 4,881.0ftKB on 2/18/2013 12:00 1,389; 23.80; 9 5/8; 8.921; 3-3 27.9 Float Collar; 1,435-1,436; 1.37; 13 Tubing Description Set Depth (MD) (ftKB) 37. 3/8: 12.615: 2-2 Tubing-long string 2/18/2013 4,881.0 Casing Joint: 1.436-1.513; 77.02; 13 Jts OD (in) Wt (lb/ft) Grade Btm (ftKB) Item Des 3/8; 12.615; 2-3 Tubing 2 3/8 4.70 L-80 20.00 37.6 Guide Shoe; 1,513-1,515; 1.76; 13 3/8: 12 615: 2-4 144 2 3/8 4,631.95 4,669.6 4.60 L-80 Tubing Casing Joint; 23-3.055; 3.031.18; 7; 1 434 2 3/8 0.50 4,670.1 Cross Over 1,436 4 Casing Joint; 1,389-3,137; 1,747.69; 2 3/8 7.60 4.677.7 **Tubing Pup Joint** 1 9 5/8: 8.921: 3-4 1,513 Tubing fiberlined; 9-4,667; 4,658.00; Packer 1 2 3/8 5.40 4,683.1 1,515 2 3/8; 1.740; 2-2 Nipple 1 2 3/8 0.70 4,683.8 Tubing; 38-4,670; 4,631.95; 2 3/8; 1.724: 1-2 1 2 3/8 0.50 4 684 3 Collar 3.054 External Casing Packer; 3,055-3 079 3,079; 24.61; 7, 6.366; 4-3 **Tubing Pup Joint** 1 2 3/8 7.70 4,692.0 Float Collar; 3,137-3,138; 1.50; 9 5/8; 3,136 1 2 3/8 0.50 4,692.5 Cross Over 8.921: 3-5 3,138 2 3/8 Casing Joint: 3.138-3.215: 77.18: 9 Tubing 6 4.70 J-55 180.92 4,873.4 5/8; 8.921; 3-6 Profile Nipple 1 2 3/8 0.83 4,874.2 Float Shoe; 3,215-3,217; 1.62; 9 5/8; 8.921; 3-7 1 2 3/8 6.78 4,881.0 Packer 3,225 Casing Joint; 3,079-3,455; 375.90; 7; Tubing - short string set at 4,677.0ftKB on 2/19/2013 14:15 6.366; 4-4 3 455 Marker Joint; 3,455-3,469; 14.41; 7; Run Date Set Depth (MD) (ftKB) String Length (ft) 3,469 6.366; 4-5 Tubing - short string 2/19/2013 4,670.30 4,677.0 4.666 Casing Joint; 3,469-5,011; 1,541.49; OD (in) Wt (lb/ft) Item Des Jts Grade Len (ft) Btm (ftKB) 7: 6.366: 4-6 Tubing Pup Joint fiberlined 2 3/8 4.70 Seal Assembly; 4,667-4,670; 2.90; 2 i-55 8.7 4.669 3/8: 1.920: 2-3 145 2 3/8 Tubing fiberlined 4.70 J-55 4,658.00 4,666.7 Cross Over; 4,670-4,670; 0.50; 2 3/8; Seal Assembly 1 2 3/8 2.90 4,669.6 Packer peak hydraulic set ; 4,670-Packer peak hydraulic set 4,675.0 1 5.40 4.677.8 4.675: 5.40: 7: 2.875: 2-4 Tubing Pup Joint; 4,670-4,678; 7.60; Tubing Pup Joint w/ 1.43 proflie 4.677.0 2 3/8 2.00 4,683 1 2 3/8; 1-4 nipple 4,583 Tubing Pup Joint w/ 1.43 proffie nipple; 4,675-4,677; 2.00; 2 3/8; Perforations 4,584 1 430: 2-5 Shot Packer; 4,678-4,683; 5.40; 2 3/8; Dens Entered Short 4.692 6 Top (ftKB) Btm (ftKB) Zone & Completion Nipple; 4,683-4,684; 0.70; 2 3/8; 1-6 4,773 0 2/9/2013 4,773.0 4.784.0 2.0 Collar: 4.684-4.684; 0.50; 2 3/8; 1-7 4,784 Tubing Pup Joint; 4,684-4,692; 7.70; 2/9/2013 4,790.0 4,798.0 2.0 2 3/8; 1.991; 1-8 4,790 0 2/9/2013 4,798.0 2.0 4.818.0 Cross Over; 4,692-4,692; 0.50; 2 3/8; 1-9 2/9/2013 4,818.0 4,838.0 2.0 4.817.9 Cased Hole: 4.773-4.784: 2/9/2013 Tubing; 4,692-4,873; 180.92; 2 3/8; 2/9/2013 4,838.0 4,858.0 2.0 4,837.9 1.991: 1-10 2/6/2013 4.906.0 4,920.0 2.0 4.857.9 Cased Hole: 4.790-4.798: 2/9/2013 2/6/2013 Cased Hole; 4,798-4,818; 2/9/2013 4,920.0 4,940.0 2.0 Cased Hole; 4,818-4,838; 2/9/2013 Cased Hole; 4,838-4,858; 2/9/2013 Profile Nipple; 4,873-4,874; 0.83; 2 4,905 8 3/8: 1,430: 1-11

Packer; 4,874-4,881; 6.78; 2 3/8;

-Cased Hole; 4,906-4,920; 2/6/2013 -Cased Hole; 4,920-4,940; 2/6/2013

Cased Hole; 4,940-4,960; 2/6/2013 Cased Hole; 4,960-4,980; 2/6/2013 Cased Hole; 4,980-5,000; 2/6/2013

Casing Joint; 5,012-5,090; 77.37; 7;

1.991; 1-12

6,366; 4-7

... . 6.366; 4-9

6.366; 4-8 "" Float Shoe; 5,090-5,091; 1.48; 7;

١	2/6/2013	4,9	940.0	4,9	60.0		2.0							
1	2/6/2013	4,9	0.00	4,9	80.0		2.0							
1	2/6/2013	4,9	0.08	5,0	00.0		2.0							
l	Other Strings													
l	Run Date ,	Run Date Pull Date		te	Set Depth (ftKB)		20.	Com 3						
l														
Į	Other In Hole													
ı	Des		Top (f	tKB)	Btm (ftKB)		Run Date		Pull Date		Com			
١	*COPY* Bridge		50	0.0	503.0		2/11/2013		2/11/2013		SET 7"	RETREI	VEABLE	
l	Plug (Permane	ent)									RBP			
l						-								
ļ	Bridge Plug		4,50	0.0	4,503	3.0	2/11/2	2013	2/12	2/2013	SET 7"	'RETREI	VEABLE	=
l	(Permanent)			Ì							RBP			
J											•			
	Page	1/2									Report	Printed:	5/20/20	13
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## **Wellbore Schematic**

Well Name Lease Field Name Business Unit
CENTRAL VACUUM UNIT 258 Central Vacuum Unit Vacuum Mid-Continent/Alaska

OLIV	RAL VACOUM CIVIT 230   Certifial Vacuum Civit
	Original Hole, 5/20/2013 10:38:31 AM
(ftKB)	Vertical schematic (actual)
	Tubing Pup Joint fiberlined ; 7-9;
- 00 -	Tabing Pup Joint liber lined , 7-9, 12-3
10 .	Casing Hanger; 18-23; 5.00; 7;
65 4	Casing Hanger; 22-28; 5.60; 9 5/8;
69 -	8.921; 3-1
17.7	Tubing; 18-38; 20.00; 2 3/8; 1.724; 1-
18.0	Casing Joint; 24-78; 60.00; 20;
18 4	#####################################
22 3 ·	5/8; 8.921; 3-2
23.3	Casing Joint; 19-1,435; 1,433.75; 13
249 -	External Casing Packer; 1,365-
27.9 -	☆
37.7	3/8; 12.615; 2-2
. 761 -	Casing Joint; 1,436-1,513; 77.02; 13
1,365 2	Guide Shoe; 1,513-1,515; 1.76; 13
1,389 1	3/8; 12.615; 2-4 Casing Joint; 23-3,055; 3,031.18; 7;
1,434 7	6.366; 4-2
1,436.4	Casing Joint; 1,389-3,137; 1,747.69; 19 5/8; 8.921; 3-4
1,513 1	Tubing fiberlined ; 9-4,667; 4,658.00;
1,515 1 -	2 3/8; 1.740; 2-2 Tubing; 38-4,670; 4,631.95; 2 3/8;
3,054.5	1.724; 1-2
3,079 1	External Casing Packer; 3,055- 3,079; 24.61; 7; 6.366; 4-3
3,136.8	Float Collar; 3,137-3,138; 1.50; 9 5/8; .
3,138 1	8.921; 3-5 Casing Joint; 3,138-3,215; 77.18; 9
3,215.2 •	Casing 30int, 5, 133-3,213, 77.10, 9
3,2169 -	Float Shoe; 3,215-3,217; 1.62; 9 5/8; 8.921; 3-7
3,225 1	Casing Joint; 3,079-3,455; 375.90; 7;
3,455.1	6.366; 4-4
3,469 5 -	Marker Joint; 3,455-3,469; 14.41; 7; 6.366; 4-5
4,665.7	Casing Joint; 3,469-5,011; 1,541.49;
4,669 6	7; 6.366; 4-6 Seal Assembly; 4,667-4,670; 2.90; 2
4,669 9	3/8; 1.920; 2-3 Cross Over; 4,670-4,670; 0.50; 2 3/8;
4,6749	1-3
4,676 8 - 4,677 8 -	Packer peak hydraulic set ; 4,670- 4,675; 5.40; 7; 2.875; 2-4
4,683.1	Tubing Pup Joint; 4,670-4,678; 7.60;
4,683.7	2 3/8; 1-4
4,684 4	Tubing Pup Joint w/ 1.43 proflie
4,691.9	1.430; 2-5
4,692.6	Packer; 4,678-4,683; 5.40; 2 3/8; 1.991; 1-5
4,773 0	Nipple; 4,683-4,684; 0.70; 2 3/8; 1-6  Collar; 4,684-4,684; 0.50; 2 3/8; 1-7
4,784 1	Tubing Pup Joint; 4,684-4,692; 7.70;
4,790 0	2 3/8, 1.991; 1-8 Cross Over; 4,692-4,692; 0.50; 2 3/8;
4,797.9	1-9
4,817.9	Cased Hole; 4,773-4,784; 2/9/2013 Tubing; 4,692-4,873; 180,92; 2 3/8;
4,837.9	1.991; 1-10
4,857,9	Cased Hole; 4,790-4,798; 2/9/2013
4,8743	Cased Hole; 4,798-4,818; 2/9/2013
4,880 9	Cased Hole; 4,838-4,858; 2/9/2013
4,905 8	Profile Nipple; 4,873-4,874; 0.83; 2
4,919.9	Packer; 4,874-4,881; 6.78; 2 3/8;
4,940 0	1.991; 1-12 Cased Hole; 4,906-4,920; 2/6/2013
4,960 0	Cased Hole; 4,920-4,940; 2/6/2013
4,980 0	Cased Hole; 4,940-4,960; 2/6/2013 Cased Hole; 4,960-4,980; 2/6/2013
5,000 0	Cased Hole; 4,980-5,000; 2/6/2013
5,010 8	Float Collar; 5,011-5,012; 1.17; 7;
5,012.1	6.366; 4-7
5,020 0	Casing Joint; 5,012-5,090; 77.37; 7; 6.366; 4-8
5,089 6	Float Shoe; 5,090-5,091; 1.48; 7;
5,090 9	
5,100.1	های در در دوختن در دوختان به در در در در <del>است. در در در ا</del> لعقوم در در در در در در در

Other In Hole					
Des	Top (ftKB)	Btm (ftKB)	Run Date	Pull Date	Com
Bridge Plug (Permanent) Fasdrill	4,880.0	4,883.0	2/8/2013	2/13/2013	SET 7" CP @ 4880'

Page 2/2