•		OCD-HO	BBS	
				A APPROVED NO. 1004-0135 s: July 31, 2010
	NOTICES AND REPORTS		5. Lease Serial No. MultipleSee	Attached
Do not use th abandoned we	his form for proposals to drill ell. Use form 3160-3 (APD) for	or to re-enter an r such proposals.	6. If Indian, Allottee	or Tribe Name
SUBMIT IN TR	IPLICATE - Other instructions	s on reverse side.	7. If Unit or CA/Agr MultipleSee	eement, Name and/or No. Attached
1. Type of Well Oil Well Gas Well Ot	her		8. Well Name and No MultipleSee At	
2. Name of Operator CHEVRON USA INCORPOR	Contact: CIND ATED E-Mail: CHERRERAMU	Y H MURILLO RILLO@CHEVRON.COM	9. API Well No. MultipleSee /	Attached
3a. Address 15 SMITH ROAD MIDLAND, TX 79705	Ph:	Phone No. (include area code) 575-263-0431 575-263-0431	10. Field and Pool, c MultipleSee /	
4. Location of Well (Footage, Sec., 7	T., R., M., or Survey Description)		11. County or Parish	, and State
MultipleSee Attached			LEA COUNTY	, NM
12. CHECK APP	ROPRIATE BOX(ES) TO INE	DICATE NATURE OF N	NOTICE, REPORT, OR OTHE	ER DATA
TYPE OF SUBMISSION		TYPE OF	ACTION	
Notice of Intent	🗖 Acidize	Deepen	Production (Start/Resume)	U Water Shut-Off
Subsequent Report	□ Alter Casing	Fracture Treat	Reclamation	Well Integrity
	Casing Repair	New Construction	□ Recomplete	Other Surface Commingling
Final Abandonment Notice	<ul> <li>Change Plans</li> <li>Convert to Injection</li> </ul>	Plug and Abandon Plug Back	Temporarily Abandon Water Disposal	
Attach the Bond under which the wo following completion of the involved	ally or recomplete horizontally, give su rk will be performed or provide the Bo d operations. If the operation results in bandonment Notices shall be filed only	absurface locations and measu and No. on file with BLM/BIA a multiple completion or reco	red and true vertical depths of all perti Required subsequent reports shall be mpletion in a new interval, a Form 31	nent markers and zones. e filed within 30 days 60-4 shall be filed once
PLC-393A. The Surface Comr Chevron's Brininstool Battery. Brininstool 23 23 33 #1H, Brin to add the Brininstool 24 23 33 R33E in Lea County. We hav additional information and this Limestone 11 23 33 #1H A Brininstool 23 23 33 #1H AP Brininstool 23 23 33 #2H AP Brininstool 25 23 33 #2H AP	PI# 30-025-41330 Lease # N PI# 30-025-41331 Lease # N PI# 30-025-41627 Lease # N	ction from the Bone Spri nclude the Limestone 11 ol 25 23 33 #2H. Chevro ed in Section 11, 23,24 8 d have verbal approval, 8LM to Duncan Whitlock. NMNM114985 MNM114986 MNM114986 MNM112940	ng pool through 23 33 #1H, in is requesting \$ 25 of T23S, he has requested	C-393-A PROVAL
14. I hereby certify that the foregoing is	true and correct. Electronic Submission #286366	S verified by the BLM Well	Information System	<u>ar _ 11 _ 11 _ 11 _ 11 _ 11 _ 11 _ 11 _ </u>
Comn	For CHEVRON USA II nitted to AFMSS for processing b	NCORPORATED, sent to by DUNCAN WHITLOCK o	the Hobbs n 01/07/2015 (15DW0017SE)	
Name (Printed/Typed) CINDY H I	MURILLO	Title PERMIT	TING SPECIALIST	
Signature (Electronic S	ubmission)	Date 12/29/20	014	KV
	THIS SPACE FOR FE	DERAL OR STATE	OFFICE USE	1
Approved By Q. D. W. K	itlock of	Title El,	5	Date 1/7/15
Conditions of approval, if any, are attached ertify that the applicant holds legal or equipicant would entitle the applicant to condu	d. Approval of this notice does not was hitable title to those rights in the subject	rrant or	2	
itle 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent s			willfully to make to any department of	r agency of the United
** BLM REVI	SED ** BLM REVISED ** B	LM REVISED ** BLM		2015 W

•

•

N
m
<i>dli</i>
- u \\

#### Additional data for EC transaction #286366 that would not fit on the form

#### 5. Lease Serial No., continued

NMNM112940 NMNM114985 NMNM114986

#### Wells/Facilities, continued

Agreement NMNM114986	Lease NMNM114986	Well/Fac Name, Number BRININSTOOL 24 23 33 USA 2H	API Number 30-025-41935-00-X1	Lo Sec
NMNM114985	NMNM114985	LIMESTONE 11 23 33 FED 1H	30-025-41360-00-S1	32. Sec
NMNM112940	NMNM112940	BRININSTOOL 25 23 33 USA 2H	30-025-41627-00-S1	32. Sec 32.
NMNM114986	NMNM114986	BRININSTOOL 23 23 33 USA 1H	30-025-41330-00-S1	32. Sec 32.
NMNM114986	NMNM114986	BRININSTOOL 23 23 33 USA 2H	30-025-41331-00-S1	Sec 32

Location Sec 24 T23S R33E NENW 150FNL 1980FWL 32.296855 N Lat, 103.527724 W Lon Sec 11 T23S R33E NWNW 150FNL 650FWL 32.325962 N Lat, 103.549580 W Lon Sec 25 T23S R33E NENW 150FNL 1980FWL 32.282621 N Lat, 103.527722 W Lon Sec 23 T23S R33E NWNE 149FNL 1568FEL 32.297005 N Lat, 103.539687 W Lon Sec 23 T23S R33E NENE 150FNL 400FEL 32.283309 N Lat, 103.535903 W Lon

#### 10. Field and Pool, continued

PRONGHORN TRIPLE X

# APPLICATION FOR, COMMINGLING and OFF LEASE MEASUREMENT AT A COMMON CENTRAL TANK BATTERY

Proposal for Limestone 11-23-33 Federal #1H, Brininstool 23-23-33 Federal #1H, Brininstool 23-23-33 Federal #2H, and Brininstool 25-23-33 #2H: Adding Brininstool 24 23 33 #2H Chevron USA Inc is requesting approval for the Central Tank Battery, Commingling, and Off lease sales of gas and oil:

14985			Oil			
Location	API #	Pool 7320	BOPD	Gravities	MCFPD	BTU
Sec11, W2W2	3002541360	Brininstool;	101	41.9	185	1367
T23SR33E	•	Bone Spring				
2940			Oil			
Location	API #	Pool 59900	BOPD	Gravities	MCFPD	BTU
Sec25, E/2W/2	3002541627	Triple-X;	285	41.9	372	1367
T23SR33E		Bone Spring				
4986			Oil			
Location	API #	Pool 5150	BOPD	Gravities	MCFPD	BTU
Sec 23, W/2E/2	3002541330	Bell Lake;	177	41.9	233	1367
T23SR33E		Bone Spring				
4986			Oil			
Location	<u>AP</u> I#	Pool 5150	BOPD	Gravities	<b>MCFPD</b>	BTU
Sec 23 W/2E/2	3002541331	Bell Lake;	347	41.9	336	1367
T23SR33E		Bone Spring				
1000		. –	Oil			
4980						
Location	API#	Pool 5150	BOPD	Gravities	<b>MCFPD</b>	BTU
	<b>API#</b> 3002541935	Pool 5150 Bell Lake;	<b>BOPD</b> 480	Gravities 41.9	<u>MCFPD</u> 54	<u>BTU</u> 1367
	Location Sec11, W2W2 T23SR33E 2940 Location Sec25, E/2W/2 T23SR33E 4986 Location Sec 23, W/2E/2 T23SR33E 4986 Location Sec 23 W/2E/2	Location         API #           Sec11, W2W2         3002541360           T23SR33E         .           2940         API #           Location         API #           Sec25, E/2W/2         3002541627           T23SR33E         3002541627           T23SR33E         3002541627           T23SR33E         3002541627           T23SR33E         3002541627           T23SR33E         API #           Sec 23, W/2E/2         3002541330           T23SR33E         API #           Sec 23, W/2E/2         3002541331           Location         API#           Sec 23 W/2E/2         3002541331           T23SR33E         3002541331	Location         API #         Pool 7320           Sec11, W2W2         3002541360         Brininstool;           T23SR33E         Bone Spring           2940         Pool 59900           Sec25, E/2W/2         3002541627         Triple-X;           T23SR33E         Bone Spring           4986         Pool 5150           Sec 23, W/2E/2         3002541330         Bell Lake;           T23SR33E         Bone Spring           4986         Endet State         Bone Spring           4986         Endet State         Bone Spring           5ec 23, W/2E/2         3002541330         Bell Lake;           T23SR33E         Bone Spring         Bone Spring           4986         Endet State         Bone Spring           4986         Endet State	LocationAPI #Pool 7320BOPDSec11, W2W23002541360Brininstool; Bone Spring101T23SR33EBone SpringOilLocationAPI #Pool 59900BOPDSec25, E/2W/23002541627Triple-X; Bone Spring2854986OilOilLocationAPI #Pool 5150BOPDSec 23, W/2E/23002541330Bell Lake; Bone Spring1774986OilOilBOPDSec 23, W/2E/23002541330Bell Lake; Bone Spring1774986OilOilBOPDSec 23, W/2E/23002541331Bell Lake; Bone Spring347T23SR33EBone SpringSec 23 W/2E/23002541331	LocationAPI #Pool 7320BOPDGravitiesSec11, W2W23002541360Brininstool; Bone Spring10141.9T23SR33EBone SpringOilGravities2940OilBOPDGravitiesLocationAPI #Pool 59900BOPDGravitiesSec25, E/2W/23002541627Triple-X; Bone Spring28541.94986OilOilGravitiesLocationAPI #Pool 5150BOPDGravitiesSec 23, W/2E/23002541330Bell Lake; Bone Spring17741.94986OilOilInterventionLocationAPI #Pool 5150BOPDGravitiesSec 23, W/2E/23002541330Bell Lake; Bone Spring17741.94986OilInterventionGravitiesSec 23 W/2E/23002541331Bone SpringSec 23 W/2E/23002541331Bell Lake; Bone Spring34741.9T23SR33EBone SpringSec 23 W/2E/23002541331Bell Lake; Bone Spring34741.9	LocationAPI #Pool 7320BOPDGravitiesMCFPDSec11, W2W2 T23SR33E3002541360Brininstool; Bone Spring10141.91852940OilImage: constraint of the sector

Map shows the federal leases and well locations in Section 11-T23S-R24E & 25-T23S-R33E.

The BLM's interest in these leases is the same. Lease NMNM114985 royalty rate is 12.5%, Lease NMNM112940 royalty rate is 12.5%, and Lease NMNM114986 royalty rate is 12.5%.

#### Oil & Gas metering:

The central tank battery (Brininstool Central Tank Battery) will be located in the NENE portion of Sect 23 T23S, R33E. There are three oil tanks that the wells will utilize and oil will be sold through the central delivery point (CDP) Lease Automated Custody Transfer unit (S/N 11263551-A), which is located at the Brininstool Central Tank Battery (NENE Sect 23 T23S R33E). For gas, they will have a common central delivery point (CDP) gas sales with meter (Targa Gas #76880-00-444) which is located at the Brininstool Central Tank Battery (NENE Sect 23 T23S R33E). The produced water will go to common water tanks on location.

Each well from Lease NMNM 114986 will be tested monthly through a three –phase test separator and continuously through a three-phase production separator located at the Brininstool Central Tank Battery. The Limestone 23 23 33 #1H will be separated into two phases (liquids and gas) at a dedicated satellite facility (Limestone Satellite Facility) on lease NMNM114985 with gas measured at that Satellite facility and liquids continuously measured through a three-phase test separator located at the Brininstool Central

Tank Battery. The Brininstool 25-23-33 #2H will be continuously measured through a three-phase test separator located at the Brininstool Central Tank Battery. Wells will then be commingled through a common heater treater with oil stored in common oil tanks located at the Brininstool Central Tank Battery. Battery.

Lease NMNM 114986:

Continuously tested through a three-phase production separator which will measure oil through a coriolis meter (SN 14380707) on the oil outlet line and gas through an orifice meter run with a Total Flow computer (\*SN TBD).

Each three phase test will measure oil through a coriolis meter (SN 14385211) on the oil outlet line and gas through an orifice meter run with a Total Flow computer (SN T132022714).

Lease NMNM 114985:

Gas will be continuously measured at the Limestone Satellite Facility through an orifice meter run with a Total Flow Computer (SN T132628898) and each three phase test for wells from this lease will measure oil through a coriolis meter (SN 14385561) on the oil outlet line and gas through an orifice meter run with a Total Flow computer (SN T134246234) located at the Brininstool Central Tank Battery.

Lease NMNM 112940:

Each three phase test will measure oil through a coriolis meter (\*SN TBD) on the oil outlet line and gas through an orifice meter run with a Total Flow computer (\*SN TBD) located at the Brininstool Central Tank Battery.

Production will be allocated to each well in Lease NMNM 114986 by monthly well test and to the remaining wells by continuous measurement. Each well's share of the central tank battery's total production will be calculated based on the results of these well tests. This ratio will be applied to the total oil production metered by the Lease Automated Custody Transfer(LACT) meter located at the Brininstool central tank battery. The production ratio will also be applied to the total gas production metered by the Targa Resources Corp sales meter.

Limestone 11 23 33 #1H oil allocation meter on the Limestone three-phase test separator at the Brininstool Central Tank Battery consists of a Micro Motion Coriolis meter (S/N 14385561).

Lease NMNM 114986 oil allocation meter on the Brininstool Central Tank Battery three-phase production separator consists of a Micro Motion Coriolis meter (S/N 14380707)

Brininstool 23 23 33 #1H oil allocation meter on the Brininstool central tank battery three-phase test separator consists of a Micro Motion Coriolis meter (S/N 14385211).

Brininstool 23 23 33 #2H oil allocation meter on the Brininstool central tank battery three-phase test separator consists of a Micro Motion Coriolis meter (S/N 14385211).

Brininstool 24 23 33 #2H oil allocation meter on the Brininstool central tank battery three-phase test separator consists of a Micro Motion Coriolis meter (S/N 14385211).

Brininstool 25 23 33 #2H oil allocation meter on the Brininstool 25 three-phase test separator located at the Brininstool Central Tank Battery consists of a Micro Motion Coriolis meter (\*S/N TBD).

These meters will be proven as per API, NMOCD, and BLM specifications when installed, once per month for the first 3 months (to establish a consistent repeatability factor), and then quarterly thereafter. The factor obtained will be used to allocate the production volumes.

Gas production will be allocated on a daily basis based on the results of a monthly well test of each well. Flash gas will be measured utilizing a V-Cone meter fitted with EFM flow computer installed downstream of the VRU discharge (\*SN TBD) and each well's share of flash gas will be allocated based on total oil metered in monthly well tests.

Limestone 11 23 33 Federal #1H gas allocation meter on the Limestone Production Satellite two-phase test separator consists of a Total Flow EFM (S/N T132628898) and on the Limestone three-phase test separator located at the Brininstool Central Tank Battery consists of a Total Flow EFM (SN T134246234).

Lease NMNM 114986 gas allocation meter on the Brininstool Central Tank Battery three-phase production separator consists of a Total Flow EFM (\*S/N TBD)

Brininstool 23 23 33 Federal #1H gas allocation meter on the Brininstool central tank battery three-phase test separator consists of a Total Flow EFM (S/N T132022714).

Brininstool 23 23 33 Federal #2H gas allocation meter on the Brininstool central tank battery three-phase test separator consists of a Total Flow EFM (S/N T132022714).

Brininstool 24 23 33 Federal #2H gas allocation meter on the Brininstool central tank battery three-phase test separator consists of a Total Flow EFM (S/N T132022714).

Brininstool 25 23 33 Federal #2H gas allocation meter on the Brininstool central tank battery three-phase test separator consists of a Total Flow EFM (\*S/N TBD).

These meters will be calibrated on a regular basis per API, NMOCD and BLM specifications. The BLM and OCD will be notified of any future changes in the facilities.

#### **Process and Flow Descriptions:**

The flow of production is shown in detail on the enclosed facility diagram and map which shows the lease boundaries, location of wells, location of flow lines, facility, and gas sales meter. The commingling of this production is the most effective economical means of producing the reserves and will not result in reduced royalty or improper measurement of production. The proposed commingling will reduce the surface facility footprint and overall emissions.

Chevron USA Inc understands the requested approval will not constitute the granting of any right-of-way or construction rights not granted by the lease instrument.

A central tank battery is located on the Brininstool Federal #1H located in Sec. 23 NENE, T23S-R33E, on federal lease NMNM114986 in Lea County, New Mexico. The production from the five wells will be routed to the Brininstool Central Tank Battery. After separation and allocation measurement, the oil, gas, and water will go to common oil tanks, water tank, and gas CDP located in Section 23.

Limestone 11 23 33 #1H and Brininstool 25 23 33 #2H will require off lease measurement, storage and sales of oil and gas.

No working, royalty, and overriding interest owners will have to be notified. Chevron is the only working interest owner.

\*All Serial Numbers will be identified and communicated as soon as permanent equipment is in place.

Federal Lease	Lease description	WI / NRI	Lease	Royalty Interest
NMNM114985	Limestone #1H	100% / 87.5%	Federal	12.5%
NMNM112940	Brininstool 23#2H	100% / 87.5%	Federal	12.5%
NMNM114986	Brininstool 23#1H	100%/ 87.5%	Federal	12.5%
NMNM114986	Brininstool 25 #2H	100%/ 87.5%	Federal	12.5%
NMNM114986	Brininstool 24 #2H	100%/87.5%	Federal	12.5%

Chevron is the only working interest for each lease.

A list of all interest owner addresses is below:

Chevron USA Inc	Bureau of Land Management
P.O. Box 4791	New Mexico State Office
Houston, TX 77210-4791	PO Box 27115
	Santa Fe, NM 87502-0115





  Lir	mestone 11-23-33 1H	O INTRACTO				
		011				
		DCEE 014	013			
<u> </u>	Brininstool	-23-33 1H O B Tank 023	rininstool 23-23-33 CMD04993	21	T 023 S R 034 E	
	Battery	Ta	024 Irga Gas CDP 6880-00-444			
		Brininstool 25-23	025	NIMEŽED		

~



## **BUREAU OF LAND MANAGEMENT** CASE RECORDATION (LIVE) SERIAL REGISTER PAGE

Run Date/Time: 01/07/15 01:02 PM

01 12-22-1987;101STAT1330;30USC181 ET SEQ Case Type 312021: O&G LSE COMP PD -1987 Commodity 459: OIL & GAS L Case Disposition: AUTHORIZED **Case File Juris:** 

**Total Acres** 1,039.890

Serial Number NMNM-- - 114985

Page 1 of 2

Serial Number: NMNM-- - 114985

Serial Number: NMNM-- - 114985

Name & Address			Int Rel	%Interest
CHEVRON USA INC	1400 SMITH ST	HOUSTON TX 770027327	LESSEE	100.00000000
Mer Twp Rng Sec SType	Nr Suff Subdivision	Serial Number: District/Resource Area	NMNM County	114985 Mgmt Agency
23 0230S 0330E 005 ALIQ	S2NW,W2SE;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT
23 0230S 0330E 005 LOTS	3,4;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT
23 0230S 0330E 011 ALL	ENTIRE SECTION	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT
23 0230S 0330E 014 ALIQ	SW;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT

			Serial Number: NMNM 114985		
Act Date	Code	Action	Action Remarks	Pending Office	
10/04/2005	299	PROTEST FILED	FOREST GUARDIANS		
10/18/2005	387	CASE ESTABLISHED	200510048;		
10/19/2005	143	BONUS BID PAYMENT RECD	\$2080.00;		
10/19/2005	191	SALE HELD		•	
10/19/2005	267	BID RECEIVED	\$1014000.00;		
10/31/2005	143	BONUS BID PAYMENT RECD	\$1011920.00;		
11/18/2005	298	PROTEST DISMISSED			
11/22/2005	237	LEASE ISSUED			
11/22/2005	974	AUTOMATED RECORD VERIF	GSB		
12/01/2005	496	FUND CODE	05;145003		
12/01/2005	530	RLTY RATE - 12 1/2%			
12/01/2005	868	EFFECTIVE DATE			
02/21/2006	963	CASE MICROFILMED			
09/14/2006	140	ASGN FILED	CHALFANT/CHESAPEAK;1		
10/19/2006	139	ASGN APPROVED	EFF 10/01/06;		
10/19/2006	974	AUTOMATED RECORD VERIF	MV		
06/11/2008	817	MERGER RECOGNIZED	CHESA LLC/CHESA LP		
08/22/2008	817	MERGER RECOGNIZED			
11/27/2012	140	ASGN FILED	CHESAPEAK/CHEVRON U;1		
04/09/2013	139	ASGN APPROVED	EFF 12/01/12;	· .	
04/09/2013	974	AUTOMATED RECORD VERIF	ANN		
04/02/2014	650	HELD BY PROD - ACTUAL			
04/02/2014	658	MEMO OF 1ST PROD-ACTUAL	/1/		
08/07/2014	643	PRODUCTION DETERMINATION	/1/#1H FED LIMESTONE		

Line Nr STIPULATIONS ATTACHED TO LEASE: 0002 NM-11-LN SPECIAL CULTURAL RESOURCE LEASE NOTICE 0003 0004 SENM-S-19 PLAYAS AND ALKALI LAKES SENM-S-22 PRAIRIE CHICKENS - SEC. 05 0005

Remarks

NO WARRANTY IS MADE BY BLM FOR USE OF THE DATA FOR PURPOSES NOT INTENDED BY BLM

## BUREAU OF LAND MANAGEMENT CASE RECORDATION (LIVE) SERIAL REGISTER PAGE

Page 1 of 2

Run Date/Time: 01/07/15 01:09 PM

01 12-22-1987;101STAT1330;30USC181 ET SEQ Case Type 312021: O&G LSE COMP PD -1987 Commodity 459: OIL & GAS L Case Disposition: AUTHORIZED Case File Juris:	Total Acr 640.000		Serial Number NMNM 112940
	Serial Number:	NMINM	112940
Name & Address		Int Rel	%Interest
CHEVRON USA INC 1400 SMITH ST	HOUSTON TX 770027327	LESSEE	100.000000000
Mer Twp Rng Sec SType Nr Suff Subdivision	Serial Number: District/Resource Area	NMNM County	112940 Mgmt Agency
23 0230S 0330E 025 ALL ENTIRE SECTION	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT

			Serial Number:	: NMNM 112940
Act Date	Code	Action	Action Remarks	Pending Office
10/19/2004	299	PROTEST FILED		
10/19/2004	387	CASE ESTABLISHED	200410069;	
10/20/2004	143	BONUS BID PAYMENT RECD	\$1280.00;	
10/20/2004	191	SALE HELD		
10/20/2004	267	BID RECEIVED	\$96000.00;	
11/01/2004	143	BONUS BID PAYMENT RECD	\$94720.00;	
12/17/2004	298	PROTEST DISMISSED		
12/21/2004	237	LEASE ISSUED		
12/21/2004	974	AUTOMATED RECORD VERIF	LBO	
01/01/2005	496	FUND CODE	05;145003	
01/01/2005	530	RLTY RATE - 12 1/2%		
01/01/2005	868	EFFECTIVE DATE		
01/27/2005	963	CASE MICROFILMED		
02/28/2005	140	ASGN FILED	UPLAND/CHESAPEAKE E;1	
04/08/2005	139	ASGN APPROVED	EFF 03/01/05;	
04/08/2005	974	AUTOMATED RECORD VERIF	ANN	
05/17/2006	650	HELD BY PROD - ACTUAL	/1/	
10/11/2006	643	PRODUCTION DETERMINATION	/1/	
10/11/2006	658	MEMO OF 1ST PROD-ACTUAL	/1/#1 BRINSTOOL 25;	
06/11/2008	817	MERGER RECOGNIZED	CHESA LLC/CHESA LP	
08/22/2008	817	MERGER RECOGNIZED		
11/27/2012	140	ASGN FILED	CHESAPEAK/CHEVRON U;1	
04/24/2013	139	ASGN APPROVED	EFF 12/01/12;	
04/24/2013	974	AUTOMATED RECORD VERIF	ANN	

Line Nr	Remarks	Serial	Number:	NMINM	112940
0002	STIPULATIONS ATTACHED TO LEASE:				
0003	SENM-S-22 PRAIRIE CHICKENS				
0004	SENM-S-25 VISUAL RESOURCE MANAGEMENT				
0005	NM-11-LN SPECIAL CULTURAL RESOURCE				
0006	04/24/2013 - OPERATOR BONDED				

NO WARRANTY IS MADE BY BLM FOR USE OF THE DATA FOR PURPOSES NOT INTENDED BY BLM

## BUREAU OF LAND MANAGEMENT CASE RECORDATION (LIVE) SERIAL REGISTER PAGE

Run Date/Time: 01/07/15 01:11 PM

01 12-22-1987;101STAT1330;30USC181 ET SEQ Case Type 312021: O&G LSE COMP PD -1987 Commodity 459: OIL & GAS L Case Disposition: AUTHORIZED Case File Juris:

Total Acres 1,280.000

Serial Number NMNM-- - 114986

Page 1 of 1

#### Serial Number: NMNM-- - 114986

Name & Address				Int Rel	%Interest
CHEVRON USA INC		1400 SMITH ST	HOUSTON TX 770027327	LESSEE	100.00000000
Mer Twp Rng Sec	SType	Nr Suff Subdivision	Serial Number: District/Resource Area	NMNM County	114986 Mgmt Agency
23 0230S 0330E 013	ALIQ	S2;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT
23 0230S 0330E 023	ALIQ	E2;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT
23 0230S 0330E 024	ALL	ENTIRE SECTION	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT

			Serial Numbe	r: NMNM 114986
Act Date	Code	Action	Action Remarks	Pending Office
10/04/2005	299	PROTEST FILED	Forest Guardians	
10/18/2005	387	CASE ESTABLISHED	200510049;	
10/19/2005	143	BONUS BID PAYMENT RECD	\$2560.00;	
10/19/2005	191	SALE HELD		
10/19/2005	267	BID RECEIVED	\$544000.00;	
10/31/2005	143	BONUS BID PAYMENT RECD	\$541440.00;	
11/18/2005	298	PROTEST DISMISSED		
11/22/2005	237	LEASE ISSUED		
11/22/2005	974	AUTOMATED RECORD VERIF	GSB	
12/01/2005	496	FUND CODE	05;145003;	
12/01/2005	530	RLTY RATE - 12 1/2%		
12/01/2005	868	EFFECTIVE DATE		
02/21/2006	963	CASE MICROFILMED		
09/14/2006	140	ASGN FILED	CHALFANT/CHESAPEAK;1	
10/20/2006	139	ASGN APPROVED	EFF 10/01/06;	
10/20/2006	974	AUTOMATED RECORD VERIF	MV	
06/11/2008	817	MERGER RECOGNIZED	CHESA LLC/CHESA LP	
08/22/2008	817	MERGER RECOGNIZED		
11/27/2012	140	ASGN FILED	CHESAPEAK/CHEVRON U;1	
04/09/2013	139	ASGN APPROVED	EFF 12/01/12;	
04/09/2013	974	AUTOMATED RECORD VERIF	ANN	
03/17/2014	643	PRODUCTION DETERMINATION	/1/ 30-025-41330;	
03/17/2014	650	HELD BY PROD - ACTUAL	/1/	
04/23/2014	658	MEMO OF 1ST PROD-ACTUAL	/1/ 30-025-41330;	

Line NrRemarksSerial Number: NMNM-- - 1149860002STIPULATIONS ATTACHED TO LEASE:0003NM-11-LN SPECIAL CULTURAL RESOURCE LEASE NOTICE0004SENM-S-19 PLAYAS AND ALKALI LAKES000504/09/2013 - RENTAL PAID 12/01/2013 PER ONRR

NO WARRANTY IS MADE BY BLM FOR USE OF THE DATA FOR PURPOSES NOT INTENDED BY BLM



Cindy Herrera-Murillo Regulatory Specialist Midcontinent BU Chevron North America Exploration and Production Company 1616 W. Bender Blvd Rm #121 Hobbs FMT, Hobbs, NM 88240 Tel 575-263-0431 Fax 575-263-0445 cherreramurillo@chevron.com

August 20,2014

Bureau of Land Management New Mexico State Office 620 E. Greene St. Carlsbad NM 88220

## Application for Amending Surface Commingle, Bone Spring Pool, Lea County, NM (T23S,-R33E, Section 11, 23 & 25) and adding Section 24

Dear Sirs:

Chevron U.S.A. Inc. respectfully requests administrative approval to surface commingle oil, gas and water production from the Bone Spring pool through Chevron's Brininstool Battery Chevron request the approval to minimize surface disturbance and future traffic by concentrating activities at on battery. Wells producing to this battery include the Chevron Brininstool 23 23 33 #1H; Brininstool 23 23 33 #2H, Brininstool 25 23 33 #2H and Limestone 11 23 33 Federal #1. Chevron is requesting to add the Brininstool 24 23 33 #2H to existing Surface Commingle order PLC-393. All wells are completed within the Second Bone Spring sand formation, per attached map. These wells are located in Section 11, 23 & 25 and adding Section 24, T23S-R33E, Lea County, New Mexico.

The working interest and royalties are the same for all 4 leases involved in this request. (100 Chevron). All wells are allocated by monthly well test with coriolis on oil and EFM on gas. A schematic showing this configuration is attached.

Sincerely,

enera-Murillo

Cindy Herrera-Murillo Regulatory Specialist Enclosure

DATE	N SUSPE	NSE	ENGINEER		түре	APP NO.
			XICO OIL CON - Engineerir	INIS LINE FOR DIVISION USE ONLY SERVATION DI 19 Bureau - 19 Santa Fe, NM 8	E C	
		ADMIN	ISTRATIVE	APPLICATIC	n Check	list
		Ŵ		E APPLICATIONS FOR EX SING AT THE DIVISION LI		ION RULES AND REGULATIONS
مر م	[DHC-Dом [ФС-Ро [ФС-Ро	ndard Loca mhole Com col Commin [WFX-Wate [SWD]	mingling] [CTB-L gling] [OLS - Off rflood Expansion] Salt Water Dispose		[PLC-Pool/Le QLW-Off-Lease ( aintenance Exp ressure Increas	ase Commingling] Neasurement] ansion] e]
1]	TYPE OF A [A]		- Spacing Unit - Sir	Which Apply for [A] nultaneous Dedicatio SD		
	Chec [B]		for [B] or [C] gling - Storage - Me C [] CTB []		] ols 🗌 o	LM
	[C]			e Increase - Enhance SWD 🔲 IPI 🗌	- · · ·	PPR
	[D].	Other: Sp	ecify <u>Amend PLC</u>	<u>C 393 to include Bri</u>	ninstool 24 Fed	<u>#2H</u>
2]	NOTIFICAT [A]			k Those Which Appl erriding Royalty Inte		t Apply
	[B]	Offs	et Operators, Leasel	olders or Surface O	wner	
	[C]	🗌 Арр	lication is One Whic	ch Requires Publishe	d Legal Notice	
	[D]			current Approval by ommissioner of Public Lands, S		
	[E]	For	all of the above, Pro	of of Notification or	Publication is At	ttached, and/or,
	[F]	🗌 Wai	vers are Attached			
3]			AND COMPLETE DICATED ABOVE		REQUIRED TO	PROCESS THE TYPE
	val is <b>accurate</b> a cation until the re	nd complet quired infor	e to the best of my k mation and notificat	nowledge. I also un tions are submitted to	derstand that <b>no</b> the Division.	ication for administrative action will be taken on this
	Note	Statement n		n individual with manage	erial and/or supervis	sory capacity.
indu ble	errera-Murillo	}	Under John	n-Mirillo	Permitting Specialist	08/20/2014

·

,

Cherreramurillo@che	vron.com
e-mail Address	

.

۰.

District I		e of New Mexico			Form C-107
1625 N. French Drive, Hobbs, NM 88240 District II	Encrgy, Minerals an	d Natural Resources D	epartment	Revised	August 1, 20
811 S. First St., Artesia, NM 88210					
District III 1000 Rio Brazos Road, Aztec, NM 87410		RVATION DIVIS	SION		the original
District IV	1	5. St Francis Drive New Mexico 87505		application to office with one	
1220 S. St Francis Dr. Santa Fe, NM 87505	Sana i c,			appropriate Di	
APPLICATIO	N FOR SURFACE	COMMINGLING	G (DIVERSE	OWNERSHIP)	
OPERATOR NAME: CHI	VRON USA INC				
	5 W. BENDER BLVD HO	OBBS, NM 88240			
APPLICATION TYPE:	ingling Pool and Lease Co	ommingling Doff-Lease	Storage and Measur	ement (Only if not Surfac	e Commingled
LEASE TYPE: Thee	State S Fede				
Is this an Amendment to existing (			the appropriate C	order No. PLC 393	
Have the Bureau of Land Manager					ningling
		DL COMMINGLIN ts with the following in			
	Gravities / BTU of Non-Commingled	Calculated Gravities / BTU of Commingled	1	Calculated Value of	
(1) Pool Names and Codes	Production	Production		Commingled Production	Volumes
			†	······	
		-			
	+· +	4			
	· † ·   · · · · · · · · · · · · · · · ·	1			
<ul> <li>(3) Has all interest owners been notif</li> <li>(4) Measurement type: Meterin</li> </ul>	field by certified mail of the prog		Yes No.	ng should be approved	
<ul> <li>(3) Has all interest owners been notif</li> <li>(4) Measurement type: Meterin</li> </ul>	Tied by certified mail of the program of the program of the production?	No If "yes", descri	ibe why commingli	ng should be approved	
<ul> <li>(3) Has all interest owners been notif</li> <li>(4) Measurement type: Meterin</li> </ul>	Tied by certified mail of the pride of the p	□No If "ycs", descri	ibe why commingli	ng should be approved	
<ul> <li>(3) Has all interest owners been notified.</li> <li>(4) Measurement type: Meterini</li> <li>(5) Will commingling decrease the v</li> <li>(1) Pool Name and Code. BONE SP</li> <li>(2) Is all production from same source</li> </ul>	ied by certified mail of the pride         g       Other (Specify)         alue of production?       Yes         (B)       LEA:         Please attach sheet         RING       MYes         e of supply?       MYes	□No If "yes", descri SE COMMINGLIN is with the following in	ibe why commingli IG aformation		
<ul> <li>(3) Has all interest owners been notified.</li> <li>(4) Measurement type: Meterinied.</li> <li>(5) Will commingling decrease the visual commingling decrease the visual commingling decrease the visual commingling decreases the visual commingling decreases</li></ul>	ied by certified mail of the program         g       Other (Specify)         alue of production?       Yes         (B) LEA:         Please attach sheet         RING       of supply?       Xes       In         d by certified mail of the program	□No If "yes", descri SE COMMINGLIN is with the following in	ibe why commingli		
<ul> <li>(3) Has all interest owners been notified.</li> <li>(4) Measurement type: Meterinied.</li> <li>(5) Will commingling decrease the visual commingling decrease the visual commingling decrease the visual commingling decreases the visual commingling decreases</li></ul>	Tied by certified mail of the pro g  Other (Specify) alue of production? Yes (B) LEA: Please attach sheet RING e of supply? Yes N to by certified mail of the prop	□No If "yes", descri SE COMMINGLIN is with the following in	ibe why commingli IG aformation		
<ul> <li>(3) Has all interest owners been notified.</li> <li>(4) Measurement type: Meterin</li> <li>(5) Will commingling decrease the v</li> <li>(1) Pool Name and Code. BONE SP</li> <li>(2) Is all production from same source</li> <li>(3) Has all interest owners been notified.</li> </ul>	The d by certified mail of the program of the program of the production? The second se	□No If "yes", descri SE COMMINGLIN is with the following in	ibe why commingli IG nformation XYes. []No		
<ul> <li>(3) Has all interest owners been notified.</li> <li>(4) Measurement type: Meterining (5) Will commingling decrease the v</li> <li>(5) Will commingling decrease the v</li> <li>(1) Prool Name and Code. BONE SP</li> <li>(2) Is all production from same source</li> <li>(3) Has all interest owners been notified</li> <li>(4) Measurement type: Metering</li> </ul>	Tied by certified mail of the pro g □ Other (Specify) alue of production? □Yes (B) LEA: Please attach sheet RING e of supply? ⊠Yes □N e of supply? ⊠Yes □N Other (Specify) (C) POOL and	No If "yes?, description No If "yes?, descri	ibé why commingli IG aformation ØYes DN GLING		
<ul> <li>(3) Has all interest owners been notified.</li> <li>(4) Measurement type: Meterin</li> <li>(5) Will commingling decrease the v</li> <li>(1) Pool Name and Code. BONE SP</li> <li>(2) Is all production from same source</li> <li>(3) Has all interest owners been notified.</li> <li>(4) Measurement type: Metering</li> </ul>	Tied by certified mail of the pro g □ Other (Specify) alue of production? □Yes (B) LEA: Please attach sheet RING e of supply? ⊠Yes □N e of supply? ⊠Yes □N Other (Specify) (C) POOL and	□No If "yes", descri	ibé why commingli IG aformation ØYes DN GLING		
<ul> <li>(3) Has all interest owners been notified.</li> <li>(4) Measurement type: Meterining (5) Will commingling decrease the v</li> <li>(5) Will commingling decrease the v</li> <li>(1) Prool Name and Code. BONE SP</li> <li>(2) Is all production from same source</li> <li>(3) Has all interest owners been notified</li> <li>(4) Measurement type: Metering</li> </ul>	ied by certified mail of the prog         B       Other (Specify)         aluc of production?       Yes         (B) LEA:         Please attach sheet         RING         c of supply?         Other (Specify)         Other (Specify)         (C) POOL and         Please attach sheet         (C) POOL and         Please attach sheet         (D) OFF-LEASE ST	□No If "yes", descri SE COMMINGLIN is with the following in posed commingling? LEASE COMMIN is with the following in ORAGE and MEA	ibé why commingli IG nformation IGLING IGLING Iformation		
<ul> <li>(3) Has all interest owners been notified.</li> <li>(4) Measurement type: Meterining</li> <li>(5) Will commingling decrease the volume of the second secon</li></ul>	ied by certified mail of the prog         B       Other (Specify)         aluc of production?       Yes         (B) LEA:         Please attach sheet         RING         e of supply?         Other (Specify)         Other (Specify)         (C) POOL and         Please attach sheet         (D) OFF-LEASE ST         Please attached sheet	□No If "yes", descri SE COMMINGLIN is with the following in posed commingling? LEASE COMMIN is with the following in ORAGE and MEA ets with the following	ibé why commingli IG nformation IGLING IGLING Iformation		
<ul> <li>(3) Has all interest owners been notified.</li> <li>(4) Measurement type: Metering.</li> <li>(5) Will commingling decrease the volume and Code. BONE SP</li> <li>(1) Pool Name and Code. BONE SP</li> <li>(2) Is all production from same source.</li> <li>(3) Has all interest owners been notified.</li> <li>(4) Measurement type: Metering.</li> <li>(1) Complete Sections A and E.</li> <li>(1) Is all production from same source.</li> </ul>	ied by certified mail of the prog         B       Other (Specify)         aluc of production?       Yes         (B) LEA:         Please attach sheet         RING         e of supply?         Other (Specify)         Other (Specify)         (C) POOL and         Please attach sheet         (D) OFF-LEASE ST         Please attached sheet	□No If "yes", descri SE COMMINGLIN is with the following in posed commingling? LEASE COMMIN is with the following in ORAGE and MEA ets with the following	ibé why commingli IG nformation IGLING IGLING Iformation		
<ul> <li>(3) Has all interest owners been notified.</li> <li>(4) Measurement type: Meterining</li> <li>(5) Will commingling decrease the viscon will comming the second se</li></ul>	ied by certified mail of the prog         B       Other (Specify)         aluc of production?       Yes         (B) LEA:         Please attach sheet         RING         e of supply?         Other (Specify)         Other (Specify)         (C) POOL and         Please attach sheet         (D) OFF-LEASE ST         Please attached sheet	□No If "yes", descri SE COMMINGLIN is with the following in posed commingling? LEASE COMMIN is with the following in ORAGE and MEA ets with the following	ibé why commingli IG nformation IGLING IGLING Iformation		
<ul> <li>(3) Has all interest owners been notified.</li> <li>(4) Measurement type: Meterining.</li> <li>(5) Will commingling decrease the volume of the second seco</li></ul>	ied by certified mail of the prog         g       Other (Specify)         alue of production?       Yes         (B) LEA:         Please attach sheet         RING         colspan="2">Colspan="2"         (C) POOL and Please attach sheet       Colspan="2"         CONFF-LEASE ST         Please attach sheet       Colspan="2"         CONFF-LEASE ST       Please attach sheet       Colspan="2"         CONFF-LEASE ST       Please attached sheet       Colspan="2"         CONFF-LEASE ST       Please attached sheet       Colspan="2"         CONFF-LEASE ST       Please attached sheet       Colspan="2"         ADDITIONAL INFO       ADDITIONAL INFO	□No If "yes", descri SE COMMINGLIN is with the following in posed commingling? LEASE COMMIN is with the following in ORAGE and MEA is with the following o	ibe why commingli IG IG IG Iformation IGLING Iformation SUREMENT Information		
<ul> <li>(3) Has all interest owners been notified.</li> <li>(4) Measurement type: Meterining.</li> <li>(5) Will commingling decrease the volume of the second seco</li></ul>	ied by certified mail of the prog         g       Other (Specify)         alue of production?       Yes         (B) LEA:       Please attach sheet         RING       (B) LEA:         e of supply?       Yes         Other (Specify)       Other prog         Other (Specify)       Other (Specify)         (C) POOL and       Please attach sheet         Please attach sheet       Other (Specify)         (D) OFF-LEASE ST       Please attached sheet         ADDITIONAL INFO       Please attach sheet         netuding legal location.       Please attach sheet	□No If "yes", description SE COMMINGLIN Is with the following in the following in Swith the following in CORAGE and MEA is with the following in PRMATION (for all s with the following in	ibé why commingli IG IG IG Iformation IGLING Iformation SUREMENT Information	pes)	
<ul> <li>(3) Has all interest owners been notified.</li> <li>(4) Measurement type: Meterining (5) Will commingling decrease the visual commingling decrease the visual community of the second communi</li></ul>	ied by certified mail of the prog         B       Other (Specify)         alue of production?       Yes         (B)       LEA:         Please attach sheet         RING       of supply?         aby certified mail of the prog         Other (Specify)         (C)       POOL and         Please attach sheet         (D)       OFF-LEASE ST         Please attached sheet         (D)       OFF-LEASE ST         Please attached sheet         ADDITIONAL INFO         Please attach sheet         netuding legal location.         ring all well and facility location.	□No If "yes", description SE COMMINGLIN Is with the following in the following in Swith the following in CORAGE and MEA is with the following in PRMATION (for all s with the following in	ibé why commingli IG IG IG Iformation IGLING Iformation SUREMENT Information	pes)	
<ul> <li>(3) Has all interest owners been notified.</li> <li>(4) Measurement type: Meterining</li> <li>(5) Will commingling decrease the viscon will commingling decrease the viscon will comming the second second</li></ul>	ind by certified mail of the prog         B       Other (Specify)         alue of production?       Yes         (B)       LEA:         Please attach sheet         RING       Image: Specify and the prog         colspan="2">of supply?         Q       Please attach sheet         (C)       POOL and         Please attach sheet         (D)       OFF-LEASE ST         Please attached sheet         (D)       OFF-LEASE ST         Please attached sheet         ADDITIONAL INFO         Please attach sheet         neluding legal location.         ring all well and facility location.         mbcrs, and API Numbers.	□No If "yes", descri SE COMMINGLIN is with the following in to posed commingling? LEASE COMMIN s with the following in ORAGE and MEA is with the following o PRMATION (for all s with the following in ions. Include lease number	ibé why commingli IG IG IG IG IVes IN GLING Iformation SUREMENT Information application ty Iformation	pes)	
<ul> <li>(3) Has all interest owners been notified.</li> <li>(4) Measurement type: Meterining.</li> <li>(5) Will commingling decrease the volume of the second seco</li></ul>	ind by certified mail of the prog         B       Other (Specify)         alue of production?       Yes         (B)       LEA:         Please attach sheet         RING       Image: Specify and the prog         cof supply?       Yes         Dother (Specify)         id by certified mail of the prog         Other (Specify)         id by certified mail of the prog         Other (Specify)         (C)         POOL and         Please attach sheet         (D)       OFFF-LEASE ST         Please attached sheet         e of supply?       Yes         ADDITIONAL INFO         Please attach sheet         neluding legal location.         ying all well and facility location.         we is true and complete to the	□No If "yes", descri SE COMMINGLIN is with the following in to posed commingling? LEASE COMMIN s with the following in ORAGE and MEA is with the following o PRMATION (for all s with the following in ions. Include lease number	ibé why commingli IG IG IG IGLING IGLING Iformation SUREMENT Information Application ty Iformation	pes)	
<ul> <li>(3) Has all interest owners been notified.</li> <li>(4) Measurement type: Meterining (5) Will commingling decrease the visual commingling decrease the visual communication from same source (3) Has all interest owners been notified.</li> <li>(4) Measurement type: Metering (4) Measurement type: Metering (4) Measurement type: Metering (5) Is all production from same source (2) Include proof of notice to all interest (2) A schematic diagram of facility, is (2) A plat with lease boundaries show</li> </ul>	Image: Constraint of the program of the production?       Image: Constraint of the program of the pro	☐No If "yes", description SE COMMINGLIN Is with the following in Second commingling?  LEASE COMMIN Is with the following in ORAGE and MEA Second MEA Second MEA TORAGE and MEA Second MEA	ibé why commingli IG nformation QYes DM GLING nformation SUREMENT information application ty nformation is if Federal or Sta d belief. PECIALIST	D         D         pes)         te lands arc involved.         DATE:       08/20/2014	
<ul> <li>(3) Has all interest owners been notified.</li> <li>(4) Measurement type: Meterinic</li> <li>(5) Will commingling decrease the viscon service of the service of th</li></ul>	Image: Constraint of the property of the production?       Image: Constraint of the property of the pr	☐No If "yes", description SE COMMINGLIN Is with the following in Second commingling?  LEASE COMMIN Is with the following in ORAGE and MEA Second MEA Second MEA TORAGE and MEA Second MEA	ibé why commingli IG nformation QYes DM GLING nformation SUREMENT information application ty nformation is if Federal or Sta d belief. PECIALIST	D         D         pes)         te lands arc involved.         DATE:       08/20/2014	

### Bureau of Land Management Carlsbad Field Office 620 East Greene Street Carlsbad, New Mexico 88220 575-234-5972

sl

Limestone 11 23 33 #1, Lease: NM114985 Brininstool 23 23 33 #1H, Lease: NM114986 Brininstool 23 23 33 #2H, Lease: NM114986 Brininstool 25 23 33 #2H, Lease: NM112940 Brininstool 24 23 33 #2H, Lease: NM114986 Chevron USA Inc. January 7, 2015

## **Condition of Approval**

Commingling of lease production and off lease measurement, storage and sales

- 1. This approval is subject to like approval by the New Mexico Oil Conservation Division.
- 2. This agency shall be notified of any spill or discharge as required by NTL-3A.
- 3. This agency reserves the right to modify or rescind approval whenever it determines continued use of the approved method may adversely affect the surface or subsurface environments.
- 4. This approval does not constitute right-of-way approval for any off-lease activities. Within 30 days, an application for right-of-way approval must be submitted to the Realty Section if not already done.
- 5. Approval for combining production from various sources is a privilege which is granted to lessees for the purpose of aiding conservation and extending the economic life of leases. Applicants should be cognizant that failure to operate in accordance with the provisions outlined in the Authorized Officer's conditions of approval and/or subsequent stipulations or modifications will subject such approval to revocation.
- 6. Gas measurement for allocation must be measured as per Onshore Order #5 for sales meters.
- 7. All gas and oil subject to royalty shall be measured as per federal regulations and shall be reported to ONRR as required. All gas which is vented, flared or used on lease shall be reported as per NTL-4A to ONRR. All gas which is vented or flared shall be subject to royalty, unless prior approval was given by the authorized officer.
- 8. This agency shall be notified of any change in sales method or location of sales point.
- 9. Additional wells and/or leases require additional commingling approvals.
- 10. Notify this office 24 Hrs. prior to any meter proving to allow time for an inspector to witness.
- 11. Variance to Onshore Order #4 oil measurement to use Coriolis meters is approved with this approval.
- 12. Need to provide actual Gravity and BTU values for each well. (see highlighted area in approval)