



RAILROAD COMMISSION OF TEXAS

Form G-1

1701 N. Congress
P.O. Box 12967
Austin, Texas 78701-2967

Status: Approved
Date: 04/27/2016
Tracking No.: 145111

GAS WELL BACK PRESSURE TEST, COMPLETION OR RECOMPLETION REPORT, AND LOG

OPERATOR INFORMATION

Operator Name: OXY USA INC. **Operator No.:** 630591
Operator Address: KELLY MONTGOMERY P O BOX 4294 HOUSTON, TX 77024-0000

WELL INFORMATION

API No.: 42-103-30873 **County:** CRANE
Well No.: P 7 **RRC District No.:** 08
Lease Name: BLOCK 31 UNIT **Field Name:** BLOCK 31 (DEVONIAN)
RRC Gas ID No.: 279748 **Field No.:** 09358450
Location: Section: 27, Block: 31, Survey: UNIVERSITY LANDS SURVEY, Abstract:
Latitude: **Longitude:**
This well is located 7 miles in a NW direction from CRANE, which is the nearest town in the county.

FILING INFORMATION

Purpose of filing: Reclass Oil to Gas
Type of completion: Other/Recompletion
Well Type: Producing **Completion or Recompletion Date:** 02/23/1974
Type of Permit **Date** **Permit No.**
Permit to Drill, Plug Back, or Deepen
Rule 37 Exception
Fluid Injection Permit
O&G Waste Disposal Permit
Other:

COMPLETION INFORMATION

Spud date: 01/03/1974 **Date of first production after rig released:** 02/23/1974
Date plug back, deepening, recompletion, or drilling operation commenced: 01/03/1974 **Date plug back, deepening, recompletion, or drilling operation ended:** 02/03/1974
Number of producing wells on this lease in this field (reservoir) including this well: 13 **Distance to nearest well in lease & reservoir (ft.):** 892.0
Total number of acres in lease: 7840.00 **Elevation (ft.):** 8634 GR
Total depth TVD (ft.): 9040 **Total depth MD (ft.):**
Plug back depth TVD (ft.): 8966 **Plug back depth MD (ft.):**
Was directional survey made other than inclination (Form W-12)? No **Rotation time within surface casing (hours):**
Is Cementing Affidavit (Form W-15) attached? No
Recompletion or reclass? Yes **Multiple completion?** No
Type(s) of electric or other log(s) run: None
Electric Log Other Description:
Location of well, relative to nearest lease boundaries **Off Lease:** No
of lease on which this well is located: 2640.0 Feet from the South Line and
2440.0 Feet from the East Line of the
BLOCK 31 UNIT Lease.

FORMER FIELD (WITH RESERVOIR) & GAS ID OR OIL LEASE NO.

Field & Reservoir Gas ID or Oil Lease No. Well No. Prior Service Type

G1: N/A

PACKET BLOCK 31 (DEVONIAN)

00442

P 7

FOR NEW DRILL OR RE-ENTRY, SURFACE CASING DEPTH DETERMINED BY:

GAU Groundwater Protection Determination

Depth (ft.):

Date:

SWR 13 Exception

Depth (ft.):

GAS MEASUREMENT DATA

Date of test: 08/19/2015

Gas measurement method(s):

Gas production during test (MCF): 1012

Orifice Meter, Flange Taps

Was the well preflowed for 48 hours? Yes

Run No.	Line size	Orif. or Choke Size (in.)	24 hr. Coeff. Orif. Or Choke (in.)	Static Pm or Choke (in.)	Diff (hw)	Flow Temp (°F)	Temp. (Ftf)	Gravity (Fg)	Compress (Fpv)	Volume (MCF/day)
1	3.068	1.25	10030.87	59.2	50.0	88.2	0.9780	0.8037	1.012	1.1

FIELD DATA AND PRESSURE CALCULATIONS

Gravity (dry gas): 0.934

Gravity (liquid hydrocarbons) (Deg. API): 42.8

Gas-Liquid Hydro Ratio (CF/Bbl): 306727

Gravity (mixture): Gmix= 0.929

Avg. shut in temp. (°F): 113.6

Bottom hole temp. and depth: 139.0 °F@ 8500.0 FT

Run No.	Time of Run (Min.)	Choke Size (in.)	Wellhead Pressure (PSIA)	Wellhead Flow Temp (°F)
SHUT-IN	1440	1.25	260	88.2
1	4320	1.25	55	88.2

CASING RECORD

Row	Type of Casing	Casing Size (in.)	Hole Size (in.)	Setting Depth (ft.)	Multi - Stage Depth (ft.)	Multi - Stage Shoe Depth (ft.)	Cement Class	Cement Amount (sacks)	Slurry Volume (cu. ft.)	Top of Cement (ft.)	TOC Determined By
1	Surface	8 5/8	11	2592			C	1000	1180.0	0	Circulated to Surface
2	Conventional Production	5 1/2	7 7/8	9040			C	1200	1416.0	0	Calculation

LINER RECORD

Row	Liner Size (in.)	Hole Size (in.)	Liner Top (ft.)	Liner Bottom (ft.)	Cement Class	Cement Amount (sacks)	Slurry Volume (cu. ft.)	Top of Cement (ft.)	TOC Determined By
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N/A

TUBING RECORD

Row	Size (in.)	Depth Size (ft.)	Packer Depth (ft.)/Type
1	2 7/8	8967	8161 /

PRODUCING/INJECTION/DISPOSAL INTERVAL

Row	Open hole?	From (ft.)	To (ft.)
1	No	L 8230	8952

ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC.

Was hydraulic fracturing treatment performed? No

Is well equipped with a downhole actuation sleeve? No If yes, actuation pressure (PSIG):

Production casing test pressure (PSIG) prior to hydraulic fracturing treatment: Actual maximum pressure (PSIG) during hydraulic fracturing:

Has the hydraulic fracturing fluid disclosure been reported to FracFocus disclosure registry (SWR29)? No

<u>Row</u>	<u>Type of Operation</u>	<u>Amount and Kind of Material Used</u>	<u>Depth Interval (ft.)</u>
------------	--------------------------	-----------------------------------------	-----------------------------

N/A

FORMATION RECORD

<u>Formations</u>	<u>Encountered</u>	<u>Depth TVD (ft.)</u>	<u>Depth MD (ft.)</u>	<u>Is formation isolated?</u>	<u>Remarks</u>
BARNETT	No	7641.0		No	
WOODFORD	No	7960.0		No	
DEVONIAN 31	No	8164.0		No	

Do the producing interval of this well produce H2S with a concentration in excess of 100 ppm (SWR 36)? No

Is the completion being downhole commingled (SWR 10)? No

REMARKS

RRC REMARKS

PUBLIC COMMENTS:

CASING RECORD :

TUBING RECORD:

PRODUCING/INJECTION/DISPOSAL INTERVAL :

ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC. :

GAS MEASUREMENT DATE REMARK:

OPERATOR'S CERTIFICATION

Printed Name: DeLoren Escobedo

Title: Regulatory Tech

Telephone No.: (713) 366-5919

Date Certified: 04/21/2016

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

GAS WELL
CLASSIFICATION REPORT

Form G-5

This facsimile G-5 was generated electronically from data submitted to the RRC.

Tracking No.: 145111

1. OPERATOR NAME (Exactly as shown on Form P5 Organization Report) OXY USA INC.		3. RRC DISTRICT NO. 08	4. OIL LEASE NO OR GAS WELL ID NO. 279748
2. MAILING ADDRESS KELLY MONTGOMERY P O BOX 4294 HOUSTON, TX 77024		5. WELL NO. P 7	6. API NO. 42- 103-30873
		7. COUNTY OF WELL SITE CRANE	

8. FIELD NAME (as per RRC Records) BLOCK 31 (DEVONIAN)	9. LEASE NAME BLOCK 31 UNIT
-----------------------------------------------------------	--------------------------------

10. LOCATION (Section, Block and Survey) 27 , 31 , UNIVERSITY LANDS SURVEY	11. PIPELINE CONNECTION OR USE OF GAS
-------------------------------------------------------------------------------	---------------------------------------

PRODUCTION TEST AT RATE ELECTED BY OPERATOR (data on 24-hour basis)		A.S.T.M. DISTILLATION OF LIQUID SAMPLE. Distillation test is required for gas wells ONLY if the producing gas-liquid hydrocarbon ratio is less than 100,000 CF/barrel.	
A. Date of Test <u>08/19/2015</u> B. Gas Volume <u>1.1</u> (Mcf) C. Oil or Condensate Volume <u>1.1</u> (Bbl) D. Water Volume <u>0.2</u> (Bbl) E. Gas/Liquid Hydrocarbon Ratio <u>306727</u> (Cf/Bbl) F. Flowing Tubing Pressure <u>55</u> (psia) G. Choke Size <u>1.25</u> (in.) H. Casing Pressure <u>0.1</u> (psia) I. Shut-in Wellhead Pressure-- Tubing <u>260</u> (psia) J. Separator Operating Pressure <u>260.0</u> (psia) K. Color of Stock Tank Liquid <u>Brown</u> L. Gravity of Separator Liquid <u>42.8</u> °API M. Gravity of Stock Tank Liquid <u>42.8</u> °API N. Specific Gravity of the Gas (Air = 1) <u>0.934</u>		Date Liquid Sample Obtained _____ Where Obtained: <input type="checkbox"/> Separator <input type="checkbox"/> Stock Tank % Over Temp. (deg. F) _____ % Over Temp. (deg. F) _____ Initial Boiling Temp. _____ 60 _____ 10 _____ 70 _____ 20 _____ 80 _____ 30 _____ 90 _____ 40 _____ 95 _____ 50 _____ End Point _____ Total Recovery _____ percent Residue _____ percent Loss _____ percent	

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete to the best of my knowledge. <u>10/27/2015</u> DATE	<u>OXY USA INC.</u> NAME (Type or Print)	RRC USE ONLY
	<u>DeLoren Escobedo</u> SIGNATURE	
	<u>Regulatory Tech</u> TITLE	
	<u>(713) 366-5919</u> PHONE NUMBER	
	CONTACT PERSON	

Tracking No.: 145111

OPERATOR NAME AND ADDRESS including city, state and zip
 OXY USA INC.
 KELLY MONTGOMERY
 P O BOX 4294
 HOUSTON, TX 77024

GAS WELL STATUS REPORT

RAILROAD COMMISSION OF TEXAS
 Oil and Gas Division
 P.O. Box 12967
 Austin, Texas 78711-2967

*This facsimile G-10 was generated electronically
 from data submitted to the RRC.*

Reason for Filing	Operator P-5 Organization No.	RRC Dist. No.	G-10
<input type="checkbox"/> Survey <input checked="" type="checkbox"/> Initial Test	<input type="checkbox"/> Retest <input type="checkbox"/> Correction	630591	08
Test Period: Due Date: Effective Date:			

FIELD NAME * LEASE NAME	RRC IDENT NO.	DATE TESTED MO/DAY/YR	GAS PRODUCED MCF/DAY **	CONDENSATE PRODUCED	WATER PROD BBL/DAY	***SIWH PRESSURE PSIA
	WELL NO.	MARK X FOR SHUT-IN WELL	GAS SPEC. GRAVITY	CONDENSATE GRAVITY (API)	X BOTTOMHOLE PRESSURE PSIA	***FLOWING PRESSURE PSIA
BLOCK 31 (DEVONIAN)	279748	08/19/2015	1 MCF	1.1 BBL	0.2 BBL	260
BLOCK 31 UNIT	P 7		0.934	42.8	905	55
			MCF	BBL	BBL	
			MCF	BBL	BBL	
			MCF	BBL	BBL	
			MCF	BBL	BBL	
			MCF	BBL	BBL	
			MCF	BBL	BBL	
			MCF	BBL	BBL	

CERTIFICATION: I declare under penalties prescribed in Texas Natural Resources Code, Sec. 91.143, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated herein are true, correct, and complete to the best of my knowledge.

OXY USA INC

Signature: NATHAN WOODS Title: _____ Phone: (432) 558-4878 Date: 10/27/2015

* AN ASTERISK PREPRINTED ON A SURVEY IDENTIFIES WELL SUBJECT TO COMMINGLING TEST REQUIREMENT

** GAS PRODUCTION RATE, IN MCF, IS TO BE REPORTED FULL-WELL STREAM, INCLUDING CONDENSATE *** PRESSURE FOR THE TEXAS HUGOTON FIELD IS REPORTED IN PSIG

X AN 'X' PREPRINTED ON A SURVEY IN THE BOTTOMHOLE PRESSURE BOX INDICATES A BOTTOMHOLE PRESSURE MUST BE REPORTED FOR THE WELL

**CERTIFICATE OF COMPLIANCE
 AND TRANSPORTATION AUTHORITY**

This facsimile P-4 was generated electronically from data submitted to the RRC.
 A certification of the automated data is available in the RRC's Austin office.

Tracking No.: 145111

1. Field name exactly as shown on proration schedule BLOCK 31 (DEVONIAN)		2. Lease name as shown on proration schedule BLOCK 31 UNIT					
3. Current operator name exactly as shown on P-5 Organization Report OXY USA INC.		4. Operator P-5 no. 630591	5. Oil Lse/Gas ID no 279748	6. County CRANE	7. RRC district 08		
8. Operator address including city, state, and zip code KELLY MONTGOMERY P O BOX 4294 HOUSTON, TX 77024		9. Well no(s) (see instruction E) P 7					
12. Purpose of Filing. (Complete section a or b below.) (See instructions B and G) a. Change of: <input type="checkbox"/> operator <input type="checkbox"/> oil or condensate gatherer <input type="checkbox"/> gas gatherer <input type="checkbox"/> gas purchaser <input type="checkbox"/> gas purchaser system code <input type="checkbox"/> field name from _____ <input type="checkbox"/> lease name from _____ ----- OR b. New RRC Number for: <input type="checkbox"/> oil lease <input checked="" type="checkbox"/> gas well Due to: <input type="checkbox"/> new completion or recompletion <input checked="" type="checkbox"/> reclass oil to gas <input type="checkbox"/> reclass gas to oil <input type="checkbox"/> other well (specify) _____ <input type="checkbox"/> consolidation, unitization, or subdivision (oil lease only)		10. Classification <input type="checkbox"/> Oil <input checked="" type="checkbox"/> Gas <input type="checkbox"/> Other (see instruction A)			11. Effective Date 02/23/1974		
13. Authorized GAS WELL GAS or CASINGHEAD GAS Gatherer(s) and/or Purchaser(s). (See instruction G).							
Gatherer	Purchaser	Name of GAS WELL GAS or CASINGHEAD GAS Gatherer(s) or Purchaser(s) As Indicated in Columns to the Left <i>(Attach an additional sheet in same format if more space is needed)</i>			Purchaser's RRC Assigned System Code	Percent of Take	Full-well stream
	X	OCCIDENTAL ENERGY MARKETING, INC.(617543)			0001	100.0	
	X	OXY USA INC.(630591)				100.0	
14. Authorized OIL or CONDENSATE Gatherer(s). (See instruction G).							
Name of OIL or CONDENSATE Gatherer(s) - List Highest Volume Gatherer First <i>(Attach an additional sheet in same format if more space is needed)</i>						Percent of Take	
ENTERPRISE CRUDE PIPELINE LLC(253136)						100.0	
RRC USE ONLY: Reviewer's initials: <u>RRC Staff</u> Approval date: <u>04/27/2016</u>							
15. PREVIOUS OPERATOR CERTIFICATION FOR CHANGE OF OPERATOR P-4 FILING. Being the PREVIOUS OPERATOR, I certify that operating responsibility for the well(s) designated in this filing, located on the subject lease has been transferred in its entirety to the above named Current Operator. I understand, as Previous Operator, that designation of the above named operator as Current Operator is not effective until this certificate is approved by the Commission.							
Name of Previous Operator _____ Name (print) _____ Title _____				Signature <input type="checkbox"/> Authorized Employee of previous operator <input type="checkbox"/> Authorized agent of previous operator (see instruction G) _____ Date _____ Phone with area code _____			
16. CURRENT OPERATOR CERTIFICATION. By signing this certificate as the Current Operator, I certify that all statements on this form are true and correct and I acknowledge responsibility for the regulatory compliance of the subject lease including plugging of well(s) pursuant to Rule 14. I further acknowledge that I assume responsibility for the physical operation, control, and proper plugging of each well designated in this filing. I also acknowledge that I will remain designated as the Current Operator until a new certificate designating a new Current Operator is approved by the Commission.							
OXY USA INC. _____ Name (print) <u>Regulatory Tech</u> Title <u>deloren_escobedo@oxy.com</u> E-mail Address (optional)				DeLoren Escobedo _____ Signature <input checked="" type="checkbox"/> Authorized Employee of current operator <input type="checkbox"/> Authorized agent of current operator (see instruction G) _____ Date <u>04/06/2016</u> Phone with area code _____ _____			

RAILROAD COMMISSION OF TEXAS

OIL AND GAS DIVISION

Gas Well Allowable Supplement

The allowable set forth below supersedes all previous allowables set for this well irrespective of the manner in which such previous allowables were set, unless otherwise noted under "Remarks."

This instrument constitutes authority to produce the well described in compliance with the Statutes of Texas, and the Rules, Regulations and Orders of the Commission applicable thereto from the effective date shown below until the issuance of a new schedule in which the allowable for this well is included.

All gas produced from gas wells must be measured by recording meters. All Gas Volumes are in Thousands of Cubic Feet (MCF) at 14.65 Lbs. Per Sq. In. Pressure, and Flowing Temperature of 60° Fahrenheit.

OPERATOR

GATHERER

OXY USA INC.
KELLY MONTGOMERY
P O BOX 4294
HOUSTON TX 77024

OXY USA INC.
KELLY MONTGOMERY
P O BOX 4294
HOUSTON TX 77024

DIST. NO. 08	RRC IDENT. NO. 279748	COUNTY NAME CRANE	SUPPLEMENT NO. 812649	DATE OF ISSUANCE 04/27/2016	CURRENT STATUS	STATUS DATE 03/01/2016	OPERATOR NO. 630591		
FIELD NAME BLOCK 31 (DEVONIAN)		FIELD TYPE: AF		FIELD NUMBER 09358450	LEASE NAME BLOCK 31 UNIT			WELL NO. P 7	
MONTH DAY YEAR	PREVIOUS ALLOWABLE	NEW ALLOWABLE	†	POTENTIAL	DELIVERABILITY	BHP OR SIWHP	ACRES	ACRE-FEET	PRODUCTION
10/01/2015	0	31X			1	260	40.000		
11/01/2015	0	30X			1	260	40.000		
12/01/2015	0	31X			1	260	40.000		
01/01/2016	0	31X			1	260	40.000		
02/01/2016	0	29X			1	260	40.000		
03/01/2016	0	31X			1	260	40.000		
REMARKS: TRK #145111, RECLASS EFF 8/19/15 ** OPERATOR COPY **									

- * INDICATES CHANGE AND REASON FOR SUPPLEMENT
† SEE REASON BELOW
- 1 - INITIAL ALLOWABLE ASSIGNMENT
 - 2 - REVISED ALLOWABLE DUE TO OVERPRODUCED LIMITED WELL
 - 3 - CHANGE OF @ LIMITATION
 - 4 - CHANGE OF @ LIMITATION - BUT RESTRICTED TO TEST
 - 5 - SUBMIT AVERAGE PRODUCTION ON FORM G-10

By order of the Railroad Commission of Texas
SEND INQUIRIES TO:
DIRECTOR, PRODUCTION and PRORATION
Oil and Gas Division

RAILROAD COMMISSION OF TEXAS

OIL AND GAS DIVISION

Gas Well Allowable Supplement

The allowable set forth below supersedes all previous allowables set for this well irrespective of the manner in which such previous allowables were set, unless otherwise noted under "Remarks."

This instrument constitutes authority to produce the well described in compliance with the Statutes of Texas, and the Rules, Regulations and Orders of the Commission applicable thereto from the effective date shown below until the issuance of a new schedule in which the allowable for this well is included.

All gas produced from gas wells must be measured by recording meters. All Gas Volumes are in Thousands of Cubic Feet (MCF) at 14.65 Lbs. Per Sq. In. Pressure, and Flowing Temperature of 60° Fahrenheit.

OPERATOR

GATHERER

OXY USA INC.
KELLY MONTGOMERY
P O BOX 4294
HOUSTON TX 77024

OXY USA INC.
KELLY MONTGOMERY
P O BOX 4294
HOUSTON TX 77024

DIST. NO. 08	RRC IDENT. NO. 279748	COUNTY NAME CRANE	SUPPLEMENT NO. 812650	DATE OF ISSUANCE 04/27/2016	CURRENT STATUS	STATUS DATE 03/01/2016	OPERATOR NO. 630591	
FIELD NAME BLOCK 31 (DEVONIAN)		FIELD TYPE: AF		FIELD NUMBER 09358450	LEASE NAME BLOCK 31 UNIT			WELL NO. P 7
MONTH DAY YEAR	PREVIOUS ALLOWABLE	NEW ALLOWABLE	POTENTIAL	DELIVERABILITY	BHP OR SIWHP	ACRES	ACRE-FEET	PRODUCTION
04/01/2016	0	30X		1	260	40.000		
05/01/2016	0	31X		1	260	40.000		
REMARKS: TRK #145111, RECLASS EFF 8/19/15 ** OPERATOR COPY **								

- * INDICATES CHANGE AND REASON FOR SUPPLEMENT
- † SEE REASON BELOW
- 1 - INITIAL ALLOWABLE ASSIGNMENT
- 2 - REVISED ALLOWABLE DUE TO OVERPRODUCED LIMITED WELL
- 3 - CHANGE OF @ LIMITATION
- 4 - CHANGE OF @ LIMITATION - BUT RESTRICTED TO TEST
- 5 - SUBMIT AVERAGE PRODUCTION ON FORM G-10

By order of the Railroad Commission of Texas
SEND INQUIRIES TO:
DIRECTOR, PRODUCTION and PRORATION
Oil and Gas Division

STATEMENT OF PRODUCTIVITY OF ACREAGE
ASSIGNED TO PRORATION UNITS

Form P-15

Tracking No.: 145111

This facsimile P-15 was generated electronically
from data submitted to the RRC.

The undersigned states that he is authorized to make this statement; that he has knowledge of the facts concerning the OXY USA INC. _____ ,

BLOCK 31 UNIT _____ , No. P 7 _____ ; that such well is
LEASE OPERATOR WELL

completed in the BLOCK 31 (DEVONIAN) Field, CRANE County,

Texas and that the acreage claimed, and assigned to such well for proration purposes as authorized by special rule and as shown on the attached certified plat embraces _____

40.0 _____ acres which can reasonably be considered to be productive of hydrocarbons.

- CERTIFICATE -

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge,

Date 02/04/2016 Signature DeLoren Escobedo

Telephone (713) 366-5919 Title Regulatory Tech
AREA CODE

Groundwater
Advisory Unit

GROUNDWATER PROTECTION DETERMINATION

Date **November 6, 2013**

GAU File No.: SC- **7948**

API Number **10303019**

Attention: **MARY MARR**

RRC Lease No. **000442**

SC_630591_10303019_000442_7948.pdf

**OXY USA INC
P O BOX 50250
MIDLAND TX 79710-0250**

**--Measured--
660 ft FWL
1980 ft FNL
MRL:SECTION**

Digital Map Location:	
X-coord/Long	102.45994
Y-coord/Lat	31.46585
Datum	27
Zone	

P-5# 630591

County **CRANE** Lease & Well No. **BLOCK 31 UNIT #A4A&ALL** Purpose **H1**

Location **SUR-UL, BLK-31, SEC-27, -- [TD=9000] , [RRC 8] ,**

To protect usable-quality groundwater at this location, the Groundwater Advisory Unit of the Texas Railroad Commission recommends:

The interval from land surface to the base of the SANTA ROSA, which is estimated to occur at a depth of 650 feet, must be protected.

The BASE OF UNDERGROUND SOURCES OF DRINKING WATER (USDW) is estimated to occur at a depth of 700 feet at the site of the referenced well.

This recommendation is adequate for wells drilled in this section 27.

Note: Unless stated otherwise, this recommendation is intended to apply only to the subject well and not for area-wide use. This recommendation is intended for normal drilling, production, and plugging operations only. It does not apply to saltwater disposal operation into a nonproductive zone (RRC Form W-14).

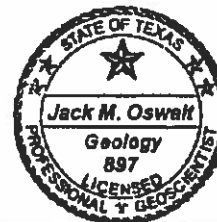
If you have any questions, please contact us at 512-463-2741, gau@rrc.state.tx.us, or by mail.

Sincerely,

 Digitally signed by Jack Oswalt
DN: cn=US, st=TEXAS, le=Austin, ou=Railroad
Commission of Texas, ou=Groundwater
Advisory Unit, cn=Jack Oswalt,
email=jack.oswalt@rrc.state.tx.us
Date: 2013.11.06 08:36:44 -06'00'

Jack M. Oswalt, P.G.

GEOLOGIST SEAL



Geologist, Groundwater Advisory Unit
Oil & Gas Division

The seal appearing on this document was authorized by Jack M. Oswalt on 11/6/2013
Note: Alteration of this electronic document will invalidate the digital signature.

UNIVERSITY
BLOCK 31

WALSH &
WATTS, INC.

WALSH &
WATTS, INC.

HENRY
RESOURCES

HENRY
RESOURCES

LINN
SBJ OIL
& GAS

MERIT

CHEVRON
O & O
OPERATORS

LINN
FOREST OIL

APACHE

TEXAS
VANGUARD
OIL

CHANEY OIL

APACHE

LEASE ACREAGE = 7840+ AC.

LEASE BOUNDARY - - - - -

PRODUCING WELL - - - - - ●

INJECTION WELL - - - - - ●

WELL LOCATIONS - - - - - ○ ○

PROPOSED CONVERSION - - - - - ○_{PC}

I, DENNIS W. HUGHES hereby certify that this plot,
drawn to the scale indicated, accurately represents
conditions as they actually exist on the property
on which permit to drill is sought and correctly
reflects all pertinent data required to be shown on
such plot by orders of the Railroad Commission of Texas.

Dennis W. Hughes

Date: 11/4/2013



OXY USA INC.

Lease Plot

BLOCK 31

Lease Map

Crane County, Texas

Scale: 1" = 2000' 11-4-2013 466/block_31.DGN
Plat prepared by MML
Horizon Survey, Inc.

UNIVERSITY LAND SURVEY
Block 31

A14A

A17A
A24A

A7AL

A15A

A11A

A4A

OXY USA, INC
BLOCK 31

7903' FNL UNIT

A10A A12A

A13A

27 26

FIF

A6A

A3A

6106' to CORNER

7755' FEL UNIT

Y10

P7

P13

A8A

PIT

40 AC.

01

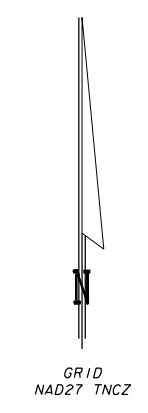
BLOCK 31 (DEVONIAN) FIELD
LEASE ACREAGE = 7840± AC.

- LEASE BOUNDARY - - - - -
- PRODUCING WELL - - - - - ●
- INJECTION WELL - - - - - ⊙
- WELL LOCATIONS - - - - - ⊙ ○
- PROPOSED CONVERSION - - - - - ⊙_{PC}

I, DENNIS W. HUGHES hereby certify that this plat, drawn to the scale indicated, accurately represents conditions as they actually exist on the property on which permit to drill is sought and correctly reflects all pertinent data required to be shown on such plat by orders of the Railroad Commission of Texas.

Dennis W. Hughes

Date: 4-11-2016



40 AC.

P16

P10L

P14L

P18

P2

P15

34

05

010

04

08

02C

40 AC.

06

K10

KIL
S.I.

28



Partial Unit Plat
"Entity for Density"
ORDER NO. 8-66872

BLOCK 31 UNIT

Well No. P7
Crane County, Texas

Scale: 1" = 500' 4-11-2016 466/block_31.DGN
Plat prepared by BWB
Horizon Survey, Inc.