

OTTO-WHIPPLE 3H UNIT 3H					
API #:	4231137373	GL:	311 ft	Field:	A.W.P.
Operator:	KIMMERIDGE TEXAS GAS, LLC	County:	MCMULLEN (TX)	Survey:	BS&F
Status:	ACTIVE	Lat, Lon:	28.2857171, -98.6774988	Block:	
Completion Type:	OIL	Abstract:	1058	Section:	24
				Spud Date:	06-02-2023
				First Completion Date:	08-31-2023
				Last Completion Date:	08-31-2023
				Wellbore Count:	1

PERMITS

PERMIT # 890768

GENERAL

Operator:	BLACKBRUSH OIL & GAS	Lease Name:	OTTO-WHIPPLE 3H UNIT	Address:	BRENDA GALLEGOS 19026 RIDGEWOOD PKWY STE 220 SAN ANTONIO, TX 78259	Filing Purpose:	NewDrill
TD:	9,610 ft	Received:	05-19-2023	Issued:	05-26-2023	RRC Lease ID #:	21151
Phone:	2102865539	Type:	H				

SURFACE LOCATION & ACREAGE

District:	1	Section:	24	Survey:	BS&F / WEST, T J	County:	MCMULLEN
Block:		Abstract:	1058				

FIELD

Field Name:	A.W.P.	Permit Type:	OIL
-------------	--------	--------------	-----

WELLBORES

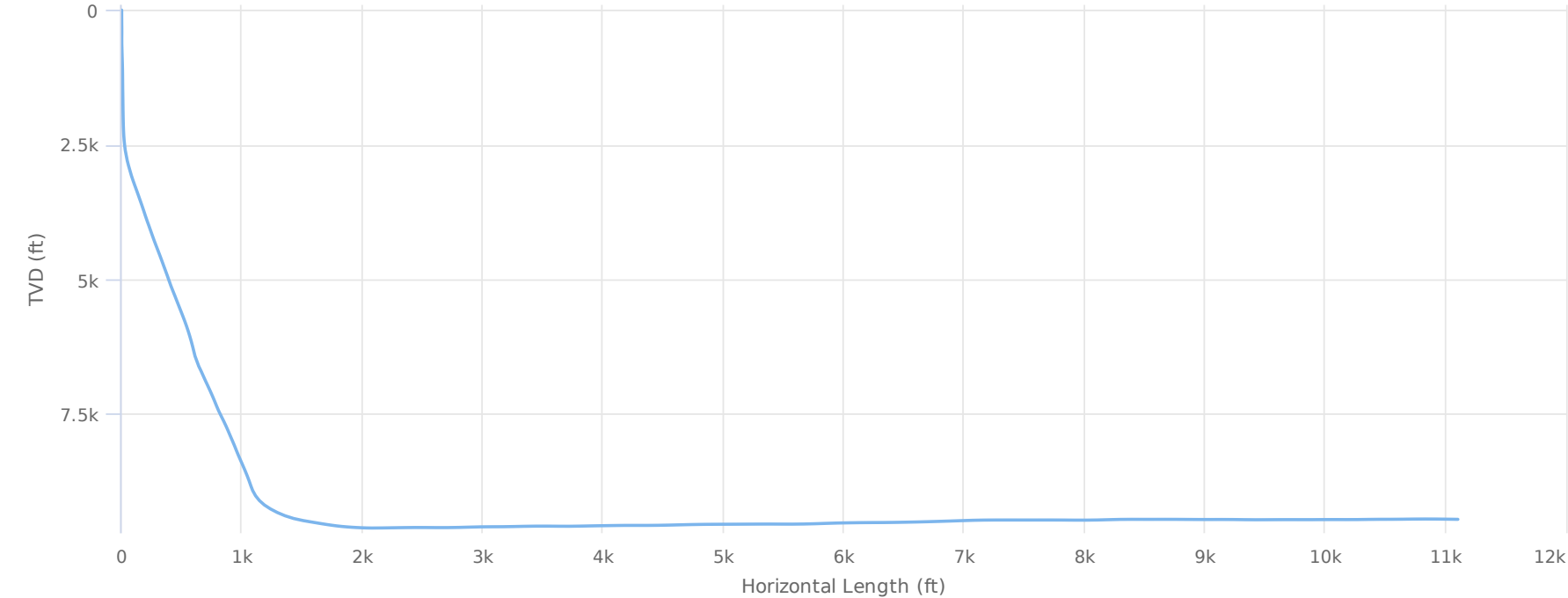
API # 423113737300

WELLBORE

API #:	Formation:	True Vert. Depth:	Horizontal Length:
423113737300	OLMOS	9,616 ft	11,106 ft
Trajectory:	Total Depth:	DI Lateral Length:	Elevation:
H	19,567 ft	9,372 ft	311 ft

WELLBORE TRAJECTORY

Chart Type: Total distance from well head



WELL DESIGN

CASING

API #	Casing Type	Casing Size (in)	Top Depth (ft)	Bottom Depth (ft)	Hole Size (in)	Casing Weight (lb/ft)	Casing Grade	Slurry Volume (cu ft)	Cement Amount (sacks)	Cement Class	Cement Top (ft)
42311373730000	SURFACE CASING	9.625	0	6,347	12.25			3,489	1,440	TYPE 1	0
42311373730000	PRODUCTION CASING	5.5	0	19,547	8.75			4,112	2,670	CLASS H	6,069

LINER

No liner data available for this well.

TUBING

API #	Tubing Size (in)	Tubing Depth (ft)
42311373730000	2.875	8,988

WELL LOGS

RASTER LOGS

No raster logs available for this well.

COMPLETION

API # 42311373730000

COMPLETION SUMMARY

API #:	Completion Date:	Upper Perf:	Lower Perf:
42311373730000	08-31-2023	10,183 ft	19,494 ft

TREATMENT JOB #1 - 42311373730000

Source:	Additive Summary	Job Start Date:	08-10-2023	Job End Date:	08-17-2023	Treatment Top:
Treatment Bottom:		Treatment Formation:		Stage Count:		Total Proppant: 7,766,560 lbs
Total Fluid:	202,129 bbl	Total Additive:	66,229 lbs	Max Treatment Rate:		Max Treatment Pressure:
Frac Vendor:		Treatment Type:	SLICKWATER HC	Remarks:		

TREATMENT DETAIL FOR JOB #1 - 42311373730000

API #	Source	Purpose	Material Name	Trade Name	Material Amount	Material Unit	Material Mass Concentration (%)	Supplier Name	Proppant Type	Proppant Mesh Size	Sand Quality	Cement Class
42311373730000	Additive Summary	BASE FLUID	Water		70,645,873	lbs	90.42					
42311373730000	Additive Summary	BASE FLUID		FRESH WATER		lbs		BLACKBRUSH OIL & GAS				
42311373730000	Additive Summary	BIOCIDES		DCUSA-DDAC10%		lbs		DYNACHEM INC				
42311373730000	Additive Summary	BREAKERS AND BREAKER CATALYSTS	Peroxydisulfuric acid [(HO)S(O)2O2], ammonium salt (1:2)		1,724	lbs	0					
42311373730000	Additive Summary	BREAKERS AND BREAKER CATALYSTS		DCUSA AP Breaker		lbs		DYNACHEM INC				
42311373730000	Additive Summary	CLAY CONTROL		DCUSA-CS-100		lbs		DYNACHEM INC				
42311373730000	Additive Summary	FRICTION REDUCERS	Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-omega-hydroxy-, branched		2,090	lbs	0					

4231137373 0000	Additive Summary	FRICTION REDUCERS		DCUSA- HVFR-100		lbs		DYNACHEM INC				
4231137373 0000	Additive Summary	PROPPANTS	Phenol, polymer with formaldehyd e		132,495	lbs	0.17		SAND			
4231137373 0000	Additive Summary	PROPPANTS	Quartz (SiO2)		7,634,065	lbs	6.37		SAND			
4231137373 0000	Additive Summary	PROPPANTS		Frac Sand		lbs		BLACKBRUS H OIL & GAS	SAND			
4231137373 0000	Additive Summary	PROPPANTS		Super LC		lbs		FAIRMOUNT SANTROL	SAND			
4231137373 0000	Additive Summary	SURFACTANT S		DCUSA- SURF-100		lbs		DYNACHEM INC				
4231137373 0000	Additive Summary	UNKNOWN	1- Decanaminu m, N-decyl- N,N- dimethyl-, chloride (1:1)		2,049	lbs	0					
4231137373 0000	Additive Summary	UNKNOWN	Alcohols, C10-16, ethoxylated		1,676	lbs	0					
4231137373 0000	Additive Summary	UNKNOWN	Amines, polyethylene poly-		11,173	lbs	0.01	DYNACHEM				
4231137373 0000	Additive Summary	UNKNOWN	Benzenesulfo nic acid, 4- dodecyl-, compd. with 2- aminoethano l (1:1)		3,352	lbs	0					
4231137373 0000	Additive Summary	UNKNOWN	Benzenesulfo nic acid, dodecyl-, calcium salt (2:1)		8,939	lbs	0.01	DYNACHEM				
4231137373 0000	Additive Summary	UNKNOWN	Distillates (petroleum), hydrotreated light		31,362	lbs	0.04					
4231137373 0000	Additive Summary	UNKNOWN	Ethanol		512	lbs	0					
4231137373 0000	Additive Summary	UNKNOWN	Oxirane, 2- methyl-, polymer with oxirane		3,352	lbs	0					

TREATMENT JOB #2 - 42311373730000

Source:	State Agency	Job Start Date:	Job End Date:	Treatment Top:	10,183 ft
Treatment Bottom:	19,494 ft	Treatment Formation:	Stage Count:	Total Proppant:	7,647,315 lbs
Total Fluid:	201,684 bbl	Total Additive:	Max Treatment Rate:	Max Treatment Pressure:	8,544 psi
Frac Vendor:	Treatment Type:	FRACTURE STIMULATION	Remarks:	7,647,315 LBS PROPPANT; 201,684 BBLS WATER	

TREATMENT DETAIL FOR JOB #2 - 42311373730000

API #	Source	Purpose	Material Name	Trade Name	Material Amount	Material Unit	Material Mass Concentation (%)	Supplier Name	Proppant Type	Proppant Mesh Size	Sand Quality	Cement Class
42311373730000	State Agency	PROPPANT	7,647,315 LBS PROPPANT		7,647,315	LBS						
42311373730000	State Agency	WATER	201,684 BBLS WATER		8,470,728	GALS						

FORMATIONS

FORMATIONS

Formation	Top (ft)
YEGUA - DISPOSAL	476
WILCOX - DISPOSAL	5,581
NAVARRO	6,768
ESCONDIDO	8,121
OLMOS	9,441

WELL TESTS

PRODUCTION

API12	Test Date	Hours Tested	GOR	Casing Pressure (psi)	Flowing Tubing Pressure (psi)	Initial Shut In Pressure (psi)	Choke Size	Oil/Liquid Gravity	Gas Gravity	Oil Volume (bbl)	Gas Volume (Mcf)	Water Volume (bbl)	Test Type	Production Method	Top Depth (ft)	Bottom Depth (ft)	Test Formation
423113737300	09-13-2023	24		850	3,350		15.00	47		550	1,330	791	InitialPotentialTest	FLOWING	10,183	19,494	

DRILL STEM TESTS

No drill stem test data available for this well.

DRILL STEM TEST PIPE RECOVERY

No pipe recovery data data available for this well.

DRILL STEM TEST FLOW PERIODS

No flow period data available for this well.

PRODUCTION

API # 42311373730000

SUMMARY

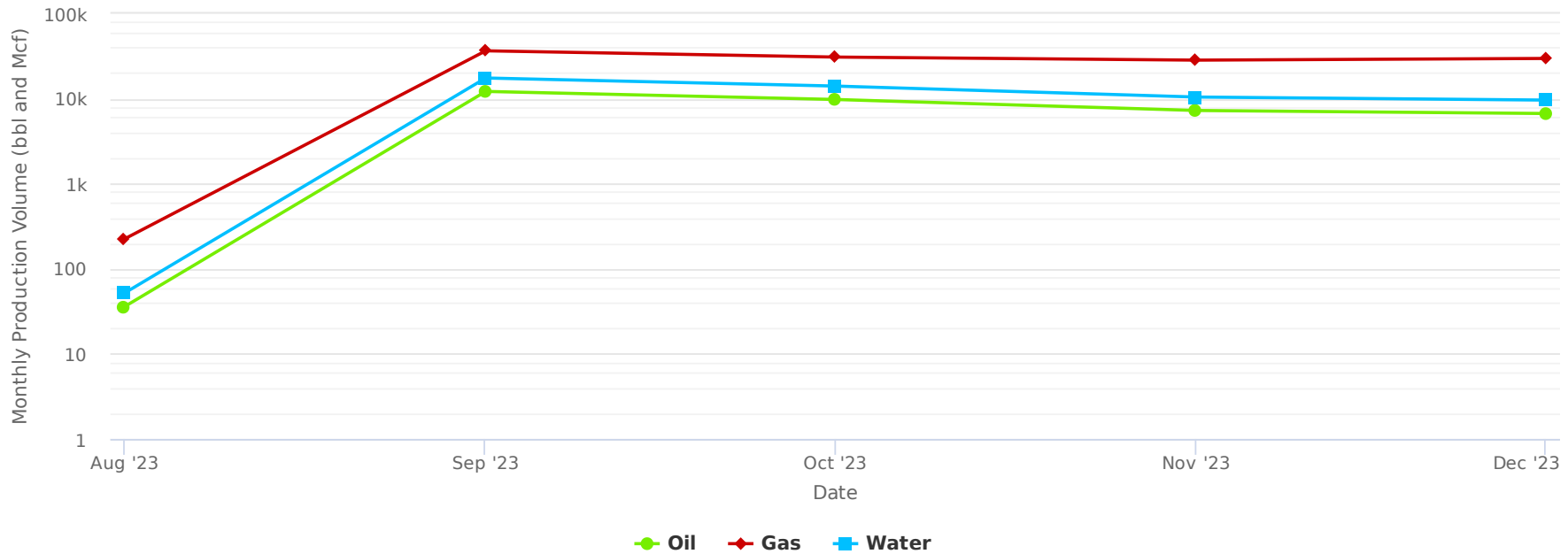
Producing Entity:	COM	Max Active Wells:	1	Cumulative Gas:	125,742	Oil EUR:	233,559
Reservoir:	OLMOS	First Prod Date:	08-01-2023	Peak Oil:	12,174	Gas EUR:	2,107,096
District:	01	Last Prod Date:	12-01-2023	Peak Gas:	36,545	Oil Gatherer:	SHELL TRADING (US) COMPANY
Lease:	OTTO-WHIPPLE 3H UNIT	Months Producing:	5	Daily Oil:	235	Gas Gatherer:	
Latest Well Count:	1	Cumulative Oil:	35,965	Daily Gas:	822		

PRODUCTION

Date	Monthly Oil (bbl)	Monthly Gas (Mcf)	Monthly Water (bbl)	Avg Daily Oil (bbl)	Avg Daily Gas (Mcf)	Avg Daily Water (bbl)	Wells	Days
08-01-2023	36	225	52	1.16	7.26	1.68	1	
09-01-2023	12,174	36,545	17,509	406	1,218	584	1	
10-01-2023	9,789	30,856	14,078	316	995	454	1	
11-01-2023	7,270	28,395	10,456	242	947	349	1	
12-01-2023	6,696	29,721	9,630	216	959	311	1	

CHART

Monthly Production



API # 42311373730000

SUMMARY

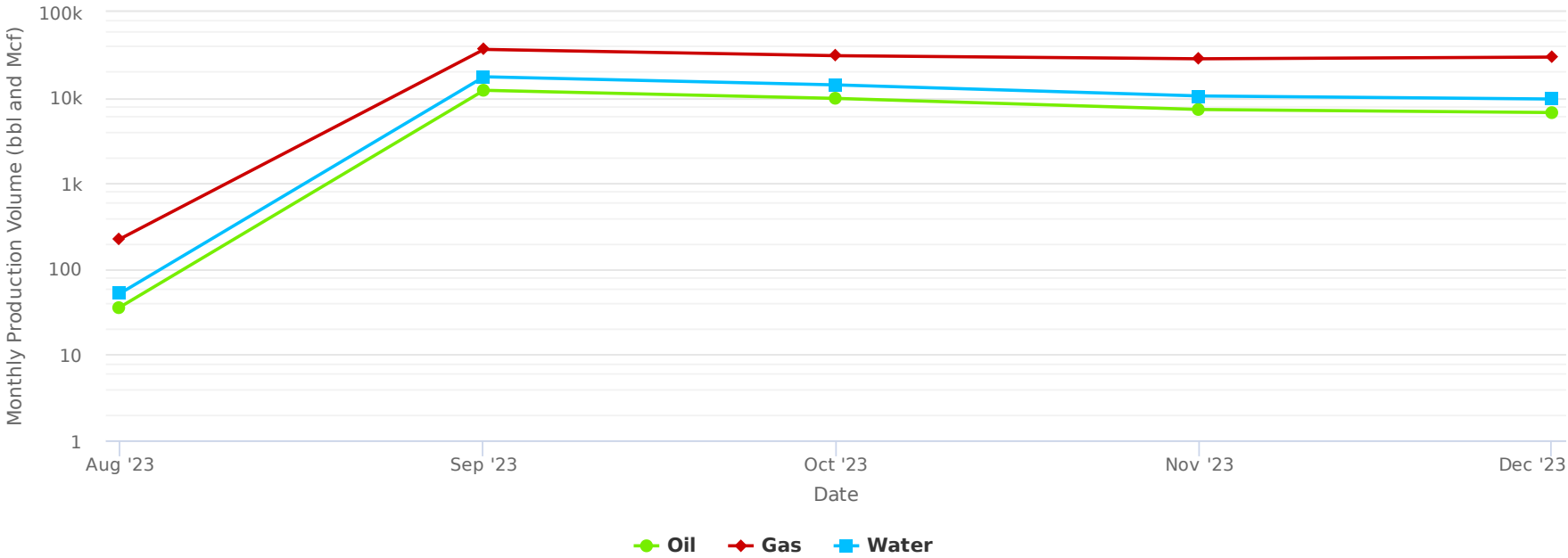
Producing Entity:	LEASE	Max Active Wells:	1	Cumulative Gas:	125,742	Oil EUR:	
Reservoir:	OLMOS	First Prod Date:	08-01-2023	Peak Oil:	12,174	Gas EUR:	
District:	01	Last Prod Date:	12-01-2023	Peak Gas:	36,545	Oil Gatherer:	SHELL TRADING (US) COMPANY
Lease:	OTTO-WHIPPLE 3H UNIT	Months Producing:	5	Daily Oil:	235	Gas Gatherer:	
Latest Well Count:	1	Cumulative Oil:	35,965	Daily Gas:	822		

PRODUCTION

Date	Monthly Oil (bbl)	Monthly Gas (Mcf)	Monthly Water (bbl)	Avg Daily Oil (bbl)	Avg Daily Gas (Mcf)	Avg Daily Water (bbl)	Wells	Days
08-01-2023	36	225	52	1.16	7.26	1.68	1	
09-01-2023	12,174	36,545	17,509	406	1,218	584	1	
10-01-2023	9,789	30,856	14,078	316	995	454	1	
11-01-2023	7,270	28,395	10,456	242	947	349	1	
12-01-2023	6,696	29,721	9,630	216	959	311	1	

CHART

Monthly Production



HISTORY

HISTORY		
Effective Date	Operator	Activity
09-13-2023		Well Test
08-31-2023	KIMMERIDGE TEXAS GAS, LLC	Completion
08-31-2023	KIMMERIDGE TEXAS GAS, LLC	Production
08-01-2023	KIMMERIDGE TEXAS GAS, LLC	Production
06-02-2023	KIMMERIDGE TEXAS GAS, LLC	Spud
05-26-2023	BLACKBRUSH OIL & GAS	Permit

TX MINERAL OWNERSHIP

2023 APPRAISAL YEAR

TX MINERAL OWNERSHIP

Some wells may relate to a large number of ownership records. This report will show a maximum of 500 ownership records.

No mineral ownership data available for this well and year.

FILINGS

FILINGS

Date Received By State Agency	Filing Type	Document Type
05-26-2023	APPLICATION FOR PERMIT TO DRILL	PDF
05-26-2023	PLAT MAP	PDF
05-26-2023	PLAT MAP	PDF
05-26-2023	PLAT MAP	PDF
05-26-2023	PLAT MAP	PDF
05-26-2023	DIRECTIONAL SURVEY	PDF
11-15-2023	APPLICATION FOR PERMIT TO DRILL	PDF
11-21-2023	COMPLETION REPORT	PDF
11-21-2023	DIRECTIONAL SURVEY	PDF
11-21-2023	DIRECTIONAL SURVEY	PDF
11-21-2023	GROUNDWATER ADVISORY UNIT	PDF
11-21-2023	L 1 ELECTRIC LOG STATUS REPORT	PDF
11-21-2023	OTHER	PDF
11-21-2023	OTHER	PDF
11-21-2023	OTHER	PDF
11-21-2023	OTHER	PDF
11-21-2023	OTHER	PDF
11-21-2023	P 12 CERTIFICATE OF POOLING AUTHORITY	PDF
11-21-2023	P 16 ACREAGE DESIGNATION	PDF
11-21-2023	P 4 CERT OF COMPLIANCE & TRANSPORTATION AUTHORITY	PDF
11-21-2023	PLAT MAP	TIF
11-21-2023	SWR 13 LETTER	PDF
11-21-2023	W 15 CEMENTING REPORT	PDF