Submit To Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-105
Revised March 25, 1999

WELL API NO.
30-015-32184

5. Indicate Type of Lease
STATE ☐ FEE ☒

State Oil & Gas Lease No.

cl sf BLM BLM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER

b. Type of Completion:
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

7. Lease Name or Unit Agreement Name
Parkway ~~West Unit~~

2. Name of Operator
OCEAN ENERGY, INC.

8. Well No.
14

3. Address of Operator
1001 Fannin, Suite 1600, Houston, TX 77002

9. Pool name or Wildcat
Parkway; Morrow

RECEIVED
OCD ARTESIA

4. Well Location
Unit Letter **B** : **660** Feet From The **North** Line and **1980** Feet From The **East** Line

Section **20** Township **19S** Range **29E** NMPM **Eddy** County

10. Date Spudded	11. Date T.D. Reached	12. Date Compl. (Ready to Prod.)	13. Elevations (DF& RKB, RT, GR, etc.)	14. Elev. Casinghead
2/24/02	**3/25/02**	**5/10/02**	**3326'**	

15. Total Depth	16. Plug Back T.D.	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By	Rotary Tools	Cable Tools
11554'	**11430'**	**2 (Wolfcamp&Morrow)**		**11554'**	

19. Producing Interval(s), of this completion - Top, Bottom, Name
12268-11360' - Morrow

20. Was Directional Survey Made
No

21. Type Electric and Other Logs Run
DIL/SFL-SP-GR-CAL, CNL/LDT-GR-CAL

22. Was Well Cored
No

23. **CASING RECORD** (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	**48#**	**350'**	**17-1/2"**	**590 sx Cl C**	
8-5/8"	**32#**	**3206'**	**11"**	**1160 sx Cl C**	
5-1/2"	**17#**	**11554'**	**7-7/8"**	**1275 sx C**	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
5-1/2"		**11306'**

26. Perforation record (interval, size, and number)

11268-11274' - .43" 6 JSPF
11280-11290' - .43" 6 JSPF
11350-11360'

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
11350-360'	**Acidize w/1500 gals 7.5% Morrow Acid + 1000 SCFB N2. Frac w/44500 gals 70 Q Binary Foam w/41,760# 20/40 interprop.**
11268-11290'	**Acidized w/3000 gals ISOTROL acid w/45 tons CO2.**

28. **PRODUCTION**

Date First Production	Production Method *(Flowing, gas lift, pumping - Size and type pump)*	Well Status *(Prod. or Shut-in)*
5/6/02	***Flowing***	***Producing***

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
5/17/02	**24**	**open**		**11**	**529**	**0**	**48.090**

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - *(Corr.)*
350	---		**11**	**529**	**0**	-----

29. Disposition of Gas *(Sold, used for fuel, vented, etc.)*
Sold

Test Witnessed By
Gary Kennedy

30. List Attachments
Logs; deviation survey

31. *I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief*

Signature Jeanie McMillan Printed Name **Jeanie McMillan** Title **Regulatory Specialist** Date **6/10/02**

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico			Northwestern New Mexico		
T. Anhy		T. Canyon	T. Ojo Alamo		T. Penn. "B"
T. Salt		T. Strawn 10225'	T. Kirtland-Fruitland		T. Penn. "C"
B. Salt		T. Atoka 10660'	T. Pictured Cliffs		T. Penn. "D"
T. Yates		T. Miss	T. Cliff House		T. Leadville
T. 7 Rivers 1687'		T. Devonian	T. Menefee		T. Madison
T. Queen		T. Silurian	T. Point Lookout		T. Elbert
T. Grayburg		T. Montoya	T. Mancos		T. McCracken
T. San Andres		T. Simpson	T. Gallup		T. Ignacio Otzte
T. Glorieta		T. McKee	Base Greenhorn		T. Granite
T. Paddock		T. Ellenburger	T. Dakota		T
T. Blinebry		T. Gr. Wash	T. Morrison		T.
T.Tubb		T. Delaware Sand 3358'	T.Todilto		T
T. Drinkard		T. Bone Springs 4950'	T. Entrada		T.
T. Abo		T. Morrow 10775'	T. Wingate		T.
T. Wolfcamp 9132'		T. 1st BS sand 6619'	T. Chinle		T.
T. Penn		T. 2nd BS sand 6885'	T. Permian		T.
T. Cisco (Bough C)		T. 3rd BS sand 7880'	T. Penn "A"		T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....to..... No. 3, from.....to.....

No. 2, from.....to..... No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology

Schlumberger

Absolute Open Flow Test Report New Mexico C-122

Date:	May 31, 2002
Operator:	Ocean Energy
Well:	Parkway West Unit #14
	Unit "B", Sec. 28, T-19S, R-29E
Formation:	Morrow C & D

Conducted By:
Schlumberger Testing
Hobbs, New Mexico
(505) 393-4107

Schlumberger
WCP-T
Hobbs, New Mexico
505-393-4107

Company:Ocean Energy (169355)					Company Representative: Billy Bush					
Lease Name & No.: Parkway #14					Test Date & Time: 5/31/02					
County: Eddy		State: NM			Elevation: 3326		Formation: Morrow C & D			
Unit: B	Section: 28				Township: 19 S			Range: 29 E		
Test Type: Initial_X_ Annual___ Spec.___			Type of Well Tested: Gas							
Completion Date: 5/10/2002	TD @ 11,554		PBTD @ 11,430		Packer Set At: 11,143					
Connection: Sales	Meter Run Size: 2.067				Taps: Flange					
Casing Siz 5.50	Casing Wt. 17/ft		Casing Dia 4.89		Casing Set At: 11,554					
Tubing Siz 2 7/8 N-80	Tubing Wt. 6.5/ft		Tubing Dia 2.44		Tubing Set At:. 11,317					
Perforations From: 11,268 To: 11,360					Meter Type: Tele-Flow					
Producing Through: Tubing					Gas Gravit 0.651		Oil Gravity N/A		H2O Chl.: N/A	

Time Date	Elapse Time	Tubing Pressure	Casing Pressure	W/H Temp. (F)	Meter or Prover Press.	Meter or Prover Diff.	Meter or Prover Temp.	Orfice. Size In.	Choke Size 64ths	MCF Per Day
31-May										
14:00	0.00	2438	N/A	60	279	19	88.9	1	6	504
14:15	0.25	2419	N/A	60	288	9	88.1	1	6	350
14:30	0.50	2399	N/A	60	285	8	88.1	1	6	343
14:45	0.75	2382	N/A	60	282	8.7	87.8	1	6	341
15:00	1.00	2378	N/A	60	281	8.7	88.2	1	6	339
	End 1st. Rate									
15:15	1.25	2366	N/A	60	296	20.5	80.6	1	8	543
15:30	1.50	2359	N/A	60	298	23.7	73.6	1	8	588
15:45	1.75	2348	N/A	60	297	21.5	69.3	1	8	522
16:00	2.00	2342	N/A	60	295	25.3	68.7	1	8	608
	End 2nd. Rate									
16:15	2.25	2212	N/A	60	302	155.7	67.8	1	12	1521
16:30	2.50	2105	N/A	60	308	106.1	57.1	1	12	1287
16:45	2.75	1956	N/A	60	318	118.3	53.1	1	12	1388
17:00	3.00	1909	N/A	60	332	118	66.6	1	12	1395
	End 3rd. Rate									
17:15	3.25	1833	N/A	60	337	181.1	70.8	1	14	1729
17:30	3.50	1791	N/A	60	342	180.5	71.5	1	14	1738
17:45	3.75	1772	N/A	60	336	170.1	71.9	1	14	1672
18:00	4.00	1760	N/A	60	332	155.8	72.2	1	14	1590
	End 4th. Rate and Test, Leave well on production									

Total Flow At Beginning Of Test: 12329.0			Total Flow At End Of The Test: 12500.4	
Total Gas Produced: 171.4	Total Water Produced: 0 BBLS.		Total Oil Produced: 32.97 BBLS	
1st. Drawdown:	2nd Drawdown:	3rd. Drawdown:	4th Drawdown:	5th. Drawdown:
Test Conducted By:				

Absolute Open Flow
Field Data Sheet

Submit in duplicate to appropriate district office
See Rule 401 & Rule 1122

State of New Mexico
Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-122
Revised 4-1-1991

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator					Lease or Unit Name	
Ocean Energy					Parkway West Unit	
Test Type ☒ Initial ☐ Annual ☐ Special					Test Date: 5/31/02	Well No.: 14
Completion Date: 5/10/02	Total Depth: 11554		Plug Back TD: 11,430		Elevation	Unit Ltr - Sec - TWP - Rge.: Sec.28, T-19S, R-29E
Csg. Size: 5.500	Wt.: 17.000	d: 4.890	Set At: 11554	Perforation: From 11268 To 11360		County: Eddy
Tbg. Size: 2.825	Wt.: 6.500	d: 2.440	Set At: 11317	Perforation: From To		Pool
Type Well-Single-Bradenhead-G.G. oG.O. Multiple: Single					Packer Set At: 11,143	Formation: Morrow C & D
Producing Thru: Tubing	Reservoir Temp.F: 182		Mean Annual Temp.F: 94		Baro. Pressure: 13.20	Connection

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps
11554	11554	.651					2.067	Flange

Flow Data					Tubing Data		Casing Data		SIP/Flow Duration (HRS.)
No.	(Prover) Line Size x Orifice Size	Press. PSIG	Diff. h_w	Temp. F	Press. PSIG	Temp. F	Press. PSIG	Temp. F	
Shut-in Pressure					2438	60			72
1.	2.07 x 1.00	279.00	8.70	88	2378	60			1
2.	2.07 x 1.00	295.00	25.30	69	2342	60			1
3.	2.07 x 1.00	332.00	118.00	67	1909	60			1
4.	2.07 x 1.00	332.00	155.80	72	1760	60			1

RATE OF FLOW CALCULATIONS

No.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P_m	Flow Temp. FACTOR F_t	Gravity FACTOR F_g	Super Compress. FACTOR F_{pv}	Rate of Flow (Q) MCFD
1.	6.549	50.420	292.2	.9741	1.2394	1.0236	408.1
2.	6.549	88.303	308.2	.9915	1.2394	1.0282	730.7
3.	6.549	201.826	345.2	.9933	1.2394	1.0322	1679.8
4.	6.549	231.910	345.2	.9887	1.2394	1.0312	1919.1

No.	P_r	TEMP.	T_r	Z
1.	.436	548	1.472	.9544
2.	.460	529	1.421	.9458
3.	.515	527	1.416	.9385
4.	.515	532	1.429	.9405

Gas-Liquid Hydrocarbon Ratio	4.4	Mcf/bbl	
API Gravity of Liquid Hydrocarbons	36.0	Deg.	
Specific Gravity Separator Gas	.651		
Specific Gravity Flowing Fluid		1.359	
Critical Pressure	670 PSIA	635	PSIA
Critical Temperature	372 R	597	R

P_C = 2451.2 P_C^2 = 6008.4

No.	Pw	Pw^2	$Pc^2 - Pw^2$
1.	2392.2	5722	285.564
2.	2358.2	5561	447.316
3.	1936.5	3750	2258.380
4.	1791.7	3210	2798.283

(1) $\frac{P_C^2}{P_C^2 - P_W^2} = 2.147$ (2) $\left[\frac{P_C^2}{P_C^2 - P_W^2}\right]^n = 1.639$

$AOF = Q\left[\frac{P_C^2}{P_C^2 - P_W^2}\right]^n = 3145$

Absolute Open Flow: 3145 Mcfd @ 15.025	Angle of Slope: 57.1	Slope, n: .647
Remarks: Test conducted through customer production equipment		
Gas rates taken from sales Total-Flow		

Approved By Division:	Conducted By:	Calculated By:	Checked By:
	Schlumberger	BPT System	B. Fowler

WELL TESTER: Schlumberger

GAS WELL BACK PRESSURE CURVE

TEST DATE: 5/31/02