Submit To Appropriate District Office State of New Mexico Form C-105 State Lease - 6 copies Energy, Minerals and Natural Resources Revised March 25, 1999 Fee Lease - 5 copies WELL API NO. District I 1625 N. French Dr., Hobbs, NM 88240 30-015-32685 OIL CONSERVATION DIVISION District II 5. Indicate Type of Lease 811 South First, Artesia, NM 88210 2040 South Pacheco District III STATE 🔀 FEE Santa Fe, NM 87505 1000 Rio Brazos Rd., Aztec, NM 87410 State Oil & Gas Lease No. District IV 2040 South Pacheco, Santa Fe, NM 87505 L3100 WELL COMPLETION OR RECOMPLETION REPORT AND LOG la. Type of Well: 7. Lease Name or Unit Agreement Name GAS WELL ☑ DRY ☐ OTHER OIL WELL b. Type of Completion: Parkway NEW WORK **PLUG** DIFF. 2. Name of Operator **OVER** DEEPEN BACK RESVR OTHER 8. Well No. RECEIVED OCEAN ENERGY, INC. 20 OCD - ARTES 3. Address of Operator 9. Pool name or Wildcat Rattlesneke 1001 Fannin, Suite 1600, Houston, TX 77002 Parkway, Bone Spring 4. Well Location 0£ 5 B Unit Letter 1980 North 1980 Feet From The Feet From The East Line Section 29E **NMPM** Township 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 3319' GR 3/28/03 18. Intervals 16. Plug Back T.D. 17. If Multiple Compl. How Many 15. Total Depth Rotary Tools Cable Tools Zones? Drilled By 7141 7253 7253' 19. Producing Interval(s), of this completion - Top, Bottom, Name 20. Was Directional Survey Made 6924-7062' Bone Spring 21. Type Electric and Other Logs Run 22. Was Well Cored Triple Combo 23. CASING RECORD (Report all strings set in well) CEMENTING RECORD **CASING SIZE** WEIGHT LB./FT. **DEPTH SET** HOLE SIZE AMOUNT PULLED 13-3/8" 352' 17-1/2" 400 sx 48# 11" 8-5/8" 32# 3306 1400 sx 5-1/2" 17# 7253' 7-7/8" 730 sx LINER RECORD TUBING RECORD 25. TOP SACKS CEMENT | SCREEN SIZE BOTTOM SIZE DEPTH SET PACKER SET 2-7/8 6891' 26. Perforation record (interval, size, and number) 27, ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 6924-6934' - 2 SPF 20 hole, 120 deg phasing, .43 - 37" pen. 6924-7062 Acidized each set of perfs separately w/1000 gals 15% 6988-6998' - 2 SPF 20 holes, 120 deg phasing, .43 - 37" pen. HCL NEFE acid. 7052-7062' - 2 SPF 19 hole, 120 deg phasing, .43-37" pen. 6924-70621 Frac w/156954 gals 30# Viking via 5-1/2", 361,160# 20/40 Ottawa sd / 24260# Flex sand. PRODUCTION **Date First Production** Production Method (Flowing, gas lift, pumping - Size and type pump) Well Status (Prod. or Shut-in) 4/28/03 Flowing **Producing** Date of Test Hours Tested Choke Size Prod'n For Oil - Bbl Gas - MCF Water - Bbl. Gas - Oil Ratio Test Period 1548 70 24 hr 516. 3 5/15/03 Flow Tubing Casing Pressure Calculated 24-Oil - Bbl Gas - MCF Water - Bbl. Oil Gravity - API - (Corr.) Press. Hour Rate 1548 SICP 550 psi 260 29. Disposition of Gas (Sold, used for fuel, vented, etc.) Test Witnessed By Gary Kennedy Sold 30. List Attachments Logs; deviation survey; wellbore schematic

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 Printed Signature Name Jeanie McMillan Title Regulatory Specialist Date 6/20/03

## **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.

IND	ICAT		TION TOPS IN CONFORMA		Nort	APHICAL SECTION OF STATE hwestern New Mexico
T. Anhy	, .		T. Canyon	T. Ojo Alam	0	T. Penn. "B"
T. Salt			T. Strawn	I. Kirtland-F	ruitland	T. Penn. "C"
B. Salt			T. Atoka	T. Pictured C	Cliffs .	T. Penn. "D"
T. Yate	S	1606'	T. Miss	T. Cliff Hous	se	T. Leadville
T. 7 Riv	ers	1606,	T. Devonian_	T. Menefee_		T. Madison
T. Ouee	n		T. Silurian	T. Point Loo	kout	T. Elbert
T. Grav	burg		T. Montoya	T. Mancos		T. McCracken
T. San A	Andres		T. Simpson	T. Gallup		T. Ignacio Otzte
T. Glori	eta		T. McKee	Base Greenh	orn	T. Granite
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## **INCLINATION REPORT**

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5/20/2003

WELL NAME AND NUMBER PARKWAY BONE SPRINGS #20

LOCATION:

SEC. 28, T19S, R29E EDDY CO. NM

**OPERATOR:** 

OCEAN ENERGY, INC.

DRILLING CONTRACTOR: GREY WOLF DRILLING



The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

DEGREE	DEPTH	DEGREE	DEPTH	DEGREE	DEPTH	DEGREE	DEPTH
				•			
0.50	341	3.00	6027				•
2.00	932	2.50	6529		<del></del>		· · · · · · · · · · · · · · · · · · ·
3.50	1516	2.00	7004				
4.50	1990						
2.75	2465						
1.50	2874			:			
1.50	3195			<u> </u>			
1.00	3685						
1.00	4160						
1.25	4668						
2.75	5023						
2.75	5520						

Drilling Contractor:

Grey Wolf Drilling Company, LP

By: Scar Bradley, District Manager

Subscribed and sworn to before me on this	20#	day of	May	, 2003.
		-		

My Commission Expires:

J. KAY LEESON

Hotary Public, State of Texas
My Commission Expires

My Commission Expires

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DRILLING FLUID:

DRILLING FLUID:

DRILLING FLUID:

COMPLETION FLUID: PACKER FLUID:

OPERATOR:

OCEAN ENERGY, INC.

9.00 ppg - (Bone Springs)

LEASE / WELL:

**PARKWAY WEST UNIT 20** 

SURVEY LOCATION: Sec. 28 - T19S - R29E SURFACE LOCATION:

WELL SKETCH: **CURRENT COMPLETION** 

FIELD:

DRILLING RIG: COMPLETION RIG:

**GREYWOLF 76** LUCKY 21

COUNTY/STATE:

EDDY COUNTY, NEW MEXICO

1980' FNL & 1980' FEL

PARKWAY WEST UNIT

DIRECTIONAL DATA							
KOP: STRAIGHT HOLE							
MAX DEV:	3.00	deg 🕲	6,027	MD			
DEV @ PERFS:		deg 🕏	0	MD			
DEV @ PERFS:	-	deg @	0	MD			
DEV @ PERFS:	1.00	deg @	7,201	MD			

DRILLING / COMPLETION FLUID

0.00 ppg -

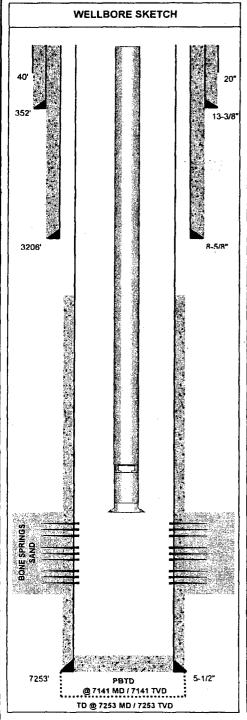
0.00 ppg -

8.30 ppg - 2% KCI

TUBULAR DATA									
Tubulars Size Weight Grade Thread MD T									
DRIVE PIPE	1								
CONDUCTOR	20.000				40	40			
SURFACE	13.375	48.000	H-40	STC	352	352			
INTERMEDIATE	8.625	32.000	J-55	LTC	3,206	3,206			
PRODUCTION	5.500	17.000	L-80	LTC	7,253	7,253			
TUBING	2.875	6.500	L-80	EUE Brd	6,891	6,891			

CEMENTING DATA: 13-3/8" cemented with 400 sacks. Full returns reported to surface. 8-5/8" cemented with 1400 sacks. Full returns to surface. 5-1/2" cemented with 730 sacks with no returns to surface reported although good returns reported during job.

WELLHEAD DATA					
TYPE		CAMERON			
WP		5,000 psi			
T	FLAMGE				
R A	}	2-7/16™ 5M			
E P	THRÆAD:				
E	2-7/8" 8rd LIFT				
TUBING H	ANGER:	ASP 7-1/16" TC BOWL			
BTM F	LANGE:	7" 5M			
BPV PF	ROFILE:	2.5" TYPE H			
ELEVAT	IONS:	GROUND			
RKB:	3340'	ELEVATION			
RKB-ELEV:	217	3319'			



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RKB ELEVA	TION				22.00
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ETOC at +/-5	500° based on CBL dated 04/13/03				
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210 Tubing I	oints: 2-7/8" 6.5 lb/ft L-80 EUE 8rd	2.875	2.441	6,855.91	0.93
2-7/8" Seatin	a Minnia	2.875	2.441	1.25	6,856.84
	nt: 2-7/8" 6.5 lb/ft L-80 EUE 8rd	2.875	2.441	32.41	6,858.09
Wireline Ree		2.875	2.441	0.50	6,890.50
Bottom of As		2.070	2.771	0.00	6,891.00
Bottom or rio	0011019	+	<del></del>	-	0,001.00
		+			
BONE SPR	INGS SAND				
	onsi: 6924' - 6934' (10' @ 2 spf - 20 Holes) 04-15-03	SICP=85 psi.	Frac Bone	Springs perfs 69	24°-7062' Apri
	6988' - 6998' (10' @ 2 spf - 20 Holes) 04-15-03			30 lb VIIKING via	
	7052' - 7062' (20' @ 2 spf - 19 Holes) 04-15-03			Sand / 224,260 lbs	
TITAN 22.7 ara	am charge loaded at 2 SPF, 120 degree phasing			Press≈2070 psi.	
	manice: EHD=0.43" and Penetration=37.00"			1. ISIP≔1670 5 r Frac Grad=0.673	
		Pnet=318 psi		riac Gsadu-0.073	psent.
	· · · · · · · · · · · · · · · · · · ·	7			
OMMENTS:	Drilled to TD 04/08/03 API # 3 0 - 0 1 5 - 3 2 6 8 5	PLUG BACK	DEPTH:		7,141.00
	Completed 04/15/03	TOTAL WEL			7,253.00
	25p.2,34 01/10/00	PREPAR		DA:TE:	
RAWING NOT	TO SICALE	ENOS J.		June 23	3. 2003
	- <del> </del>			30,10 20	,