

95F

### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reenter a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

### SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

type other description  
OCT 2002 RECEIVED  
OCD - ARTESIA

2. Name of Operator

Ocean Energy, Inc.

3. Address and Telephone No.

1001 Fannin, Suite 1600, Houston, Texas 77002 (713) 265-6834 or 6000

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1980' FSL & 1800' FEL, Sec. 21, T18S, R31E

5. Lease Designation and Serial No.

NM 12212

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Shugart "21" Federal #1

9. API Well No.

30-015-30906

10. Field and Pool, or Exploratory Area

Shugart-Avalon

11. County or Parish, State

Eddy County, NM

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☒ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Ocean proposes to P&A this well according to the rules and regulations of the BLM. Attached is a P&A procedure, a "as is" wellbore schematic and a "proposed" wellbore schematic.

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

APPROVED

OCT 10 2002

LES BABYAK  
PETROLEUM ENGINEER

14. I hereby certify that the foregoing is true and correct

Signed

*Jeannie McMillan*

Title Regulatory Specialist

Date 09/26/02

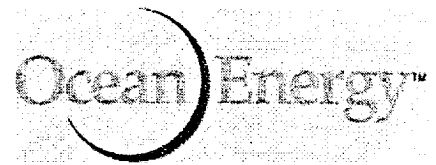
(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:



## MEMORANDUM

**To:** JEANIE MCMILLIAN (REGULATORY AFFAIRS)  
VICKIE FREDERICK (REGULATORY AFFAIRS)

**FROM:** DAVID DOLAND (PRODUCTION ENGINEERING)  
ROBERT RIPKOWSKI (PRODUCTION ENGINEERING)

**RE:** SHUGART 21 FEDERAL #1 PLUG AND ABANDONMENT REQUEST  
Eddy County, NM.

**DATE:** **SEPTEMBER 20, 2002**

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### CASING CEMENTING DETAILS:

13-3/8" SET AT 660'. CEMENTED TO SURFACE WITH CIRCULATION AND TOP JOB.

8-5/8" SET AT 4005' CEMENTED WITH 1800 SXS, REPORTS INDICATE CEMENT RETURNS TO SURFACE

5-1/2" SET AT 12075' MD. CEMENTED WITH 718 SXS. ETOC 8200. PERFED AT 6550 AND SQUEEZED WITH 235 SXS, ETOC 4900'.

### PROCEDURE

Mobilize P&A equipment to location. Pull rods and pump. ND tree and NU BOPE. Pick up on tubing and circulate hole with 9.5 ppg (12.5 lbs / bbl gel). TOH with tubing and anchor assembly.

Rig up e-line. RIH and set CIBP at 6400'. RIH and dump bail 35' of cement on bridge plug.

**Zone plug:** ETOC = 6365'  
EBOC = 6500'

RIH and perforate 5-1/2' casing at 4055'. TIH with tubing to 3900'. Establish circulation down 5-1/2" casing and up 8-5/8" X 5-1/2" annulus. Mix and pump 5.5 bbls (29 sxs Class "H" 1.08 ft3/sx) 16.4 ppg cement. Displace. Circulate out. WOC as per cement recommendation. TIH and tag TOC.

**8-5/8" shoe plug:** ETOC = 3955'  
EBOC = 4055'

TOH with tubing. Rig up e-line, RIH and cut 5-1/2" casing at 3900'. TOH with casing. TIH with tubing to 710'. Mix and pump 6.1 bbls (32 sxs Class "H" 1.08 ft3/sx) 16.4 ppg cement. Displace. WOC as per cement recommendation. TIH and tag TOC.

**13-3/8" shoe plug:** ETOC = 610'  
EBOC = 710'

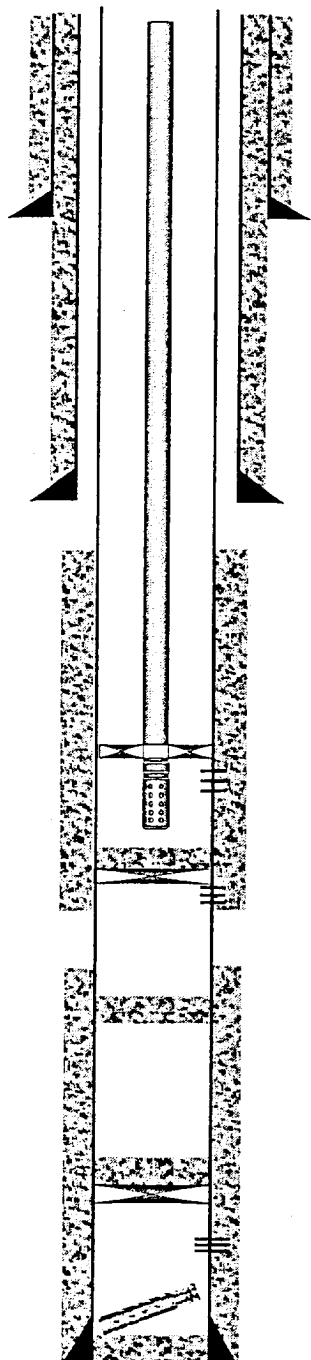
TOH with tubing to 65'. Mix and pump 3.7 bbls (20 sxs Class "H" 1.08 ft3/sx) 16.4 ppg cement. Displace. TOH. WOC as per cement recommendation.

**Surface plug:** ETOC = 5'  
EBOC = 65'

Cut and cap well 4' below ground level.

**As is**

SHUGART 21 FEDERAL #1  
EDDY CO., NM.



	Size	Wt.	Grde	Thrd	Depth	(E)TOC	Sks/Cmt
CONDUCTOR	13-3/8"	48	H-40	ST&C	660	SURF	
SURFACE	8-5/8"	32	HCN-80	ST&C	4005	SURF	1800
PRODUCTION	5-1/2"	17	L80/P110		12075	8200	718
						4900	235
TUBING	2-7/8"	6.5	L-80	8rd			

Description	OD	ID	Depth
Rod detail: 1.5" Polished rod, 6' & 4' 7/8" D pony rod			
82 7/8" D rods, 173 3/4" D rods, 3' 3/4" pony rod,			
2-1/2" X 1-1/2" X 22" RHBP pump			
TAC set with 14K tension			6340
Seating Nipple			
Avalon Perfs 6412' to 6433'			
End of tubing			6440
Cement retainer with 20' of cement ETOC 6480'			6500
Squeeze perfs 6550' to 6554' Squeezed with 235 sxs			
Cement plug 8320' to 8559'			
CIBP with 46' of cement ETOC 11104'			11150
Atoka perfs 11202' to 11222'			
TCP gun shifted off tubing, Mech firing head, Loaded with 6 spf			

Directional Data	
KOP	deg@
Max Dev	deg@
Max Dev/Perfs	deg@

Wrkg Interest		Location
Rev Interest		1980 FSL 1800 660 FEL
Spud Date		SEC 21, T18S, R31E
Lease #		

PBTD MD	
TVD	
T DPTH MD	
TVD	
FLUID LIH	
DATE LIH	
PREPARED BY:	
Doland	
DATE:	09/19/02