

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ON ORDER N.M. DIV. OF LAND
1301 W. Grand Avenue
Artesia, NM 88210
FORM APPROVED
Bureau No. 1004-0135
Expires: March 31, 1993

C/SF

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 or delete

2. Name of Operator

Ocean Energy Inc.

3. Address and Telephone No.

1001 Fannin, Suite 1600, Houston, TX 77002 (713) 265-6834

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

1980' FSL & 1980' FWL, Sec. 27, T20S, R28E

5. Lease Designation and Serial No.

NM-18219

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Burton Flat Deep Unit

8. Well Name and No.

Burton Flat Deep Unit #41

9. API Well No.

30-015-27800

10. Field and Pool, or Exploratory Area

Burton Flat Deep (Atoka)

11. County or Parish, State

Eddy Co., 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

- | | |
|--|--|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> Change of Plans |
| <input checked="" type="checkbox"/> Recompletion | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Plugging Back | <input type="checkbox"/> Non-Routine Fracturing |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Altering Casing | <input type="checkbox"/> Conversion to Injection |
| <input type="checkbox"/> Other | <input type="checkbox"/> 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.)*

Recomplete per the attached proposal to the Strawn. Attached is a current schematic and a proposed schematic. Plans are to start this work within two weeks. (3 pages attached)

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

Signed

Jeannie McMillan

Title *Regulatory Specialist*

Date *03/25/02*

(This space for Federal or State office use)

Approved by

(ORIG. SGD.) ALEXIS C. SWOBODA

Title *PETROLEUM ENGINEER*

Date

MAR 28 2002

Conditions of approval, if any:

**Burton Flat Deep Unit #41
1980' FSL & 1980' FWL
Sec. 27, T-20-S, R-28-E
Eddy Co., NM**

**March 1, 2002
Recomplete to the Strawn**

Current Production: 30 Mcfpd

Proposed Perfs: Strawn: 10,162-76' (6spf)

Anticipated Production Rate: 300 Mcfpd

- 1) Test anchors and send test results to Midland office.
- 2) MIRU completion rig. Report tbg, csg, intermediate and surface casing pressures.
- 3) Kill well w/2% KCl water. ND tree and NU BOP's. Test BOP's to 2000 psi.
a) Send tree to Wood Group in Odessa to be serviced and tested.
- 4) Release 5-1/2" Elder LokSet pkr at 10,496' & POOH w/tbg & TCP gun assy. Scanalog tbg using Tuboscope while POOH. Lay down all but "yellow band" tbg. RU choke manifold and flow line to open top test tank.
- 5) MIRU WL unit. NU lubricator and test to 2000 psi. MU 5-1/2", 17# CIBP and RIH. Set CIBP above Atoka perfs at +/-10,550'. Dump bail 35' cmt on top of CIBP. Test csg to 1500 psi.
- 6) Remove all nonessential personnel from location. MU 4" csg guns loaded 6 spf. 60 deg. TIH w/4" csg guns and perforate the Strawn from 10,162-76'. POOH and RD WL unit. Report pressure response on csg after perforating.
a) Depth reference: Western Atlas Compensated Z-Densilog CNL log Run #1 dated 2/15/94.
b) We should be overbalanced while perforating. However, if there is a pressure response after perf'ing, be ready to lubricate a pkr in the hole.
- 7) MU 5-1/2" Arrowset 1X pkr w/Weatherford T-2 on/off tool (2.25" "F" profile) and RIH on 2-7/8" tbg. Set pkr at +/-10,100'. Land tbg in 10-12 pts compression. Test annulus to 1500 psi. ND BOP's and NU tree. Hook up flow line.
- 8) RU swab and swab test Strawn.
- 9) Acidize Strawn w/3000 gals of 15% NEFE HCl. Acidize Strawn at a rate of 7-8 bpm down tbg. Report ISIP, 5, 10 and 15 min pressures.
- 10) RU swab and swab/flow back load. Put well through production equipment when load is recovered, or fluid production diminishes. Obtain gas sample for analysis and condensate sample for gravity determination.
- 11) RU SL and set 2.25" FSG blanking plug in profile nipple in on/off tool. ND SL lubricator.
- 12) Bleed pressure from tbg. ND tree & rotate off on/off tool. Circulate packer fluid in the hole. Engage on/off tool. NU tree. Test tree flange to 5000 psi. Swab FL down in tbg to 3500'.
- 13) RU SL lubricator. TIH w/SL and pull equalizing prong from plug. Allow tbg pressure to stabilize. Report pressure. TIH w/pulling tool and pull blanking plug. RD SL unit. Open well and unload remaining fluid in tbg. Swab if necessary.
- 14) RD and release completion rig.
- 15) Turn well over to Production. Obtain 4 pt potential test for NMOCD.

RECEIVED
2002 MAR 26 AM 10:10
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LIBRARY

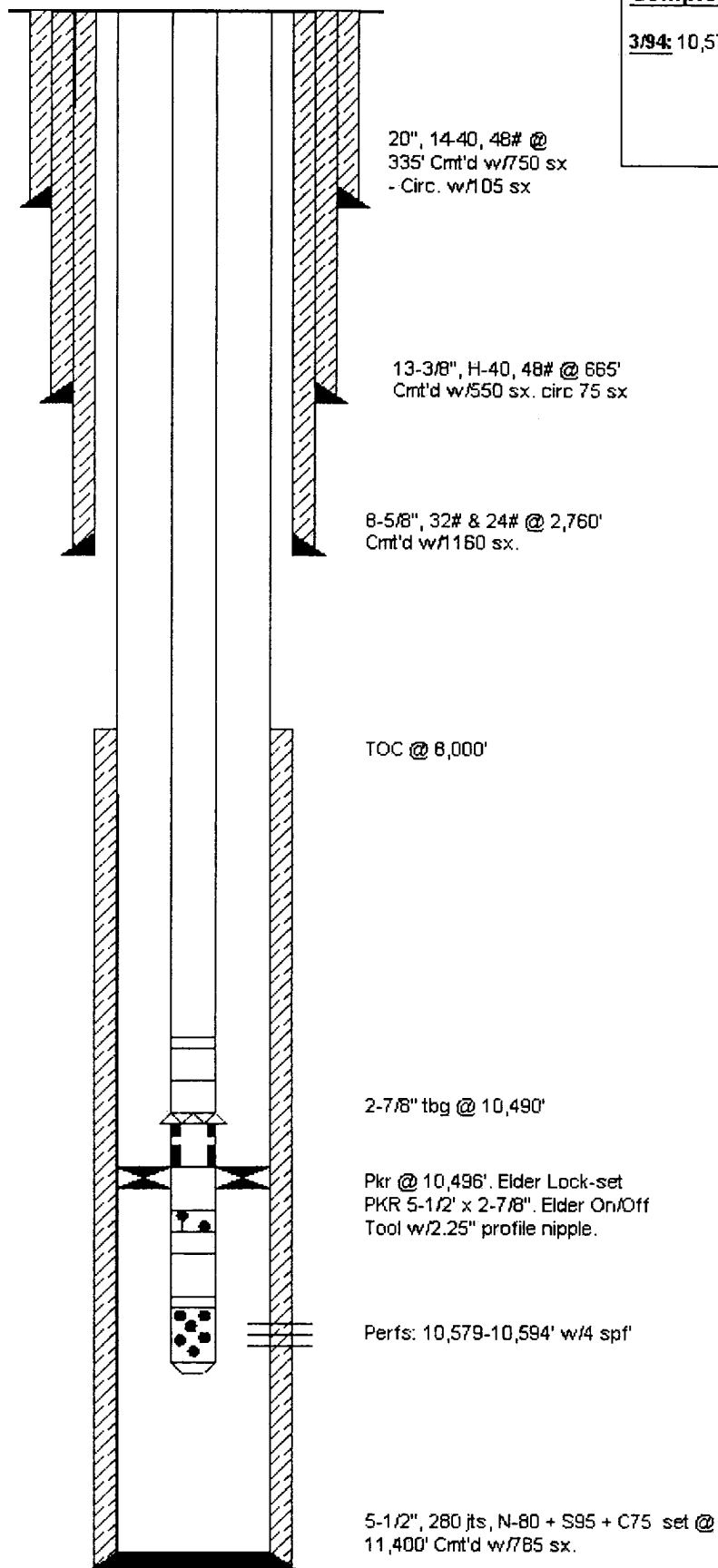
Burton Flat Deep Unit #41
1980' FSL & 1980' FWL
Sec. 27, T-20-S, R-28-E
Eddy Co., NM
Elevation: 3,219' GL, 3,234' KB

Current Completion

Spud Date: 1/19/94
Completion Date: 3/23/94

Completion

~~3/94~~ 10,579-10,594' w/4 spf. For Tbg detail, see attached sheet.



TD: 11,400'
PBTD: 11,320'

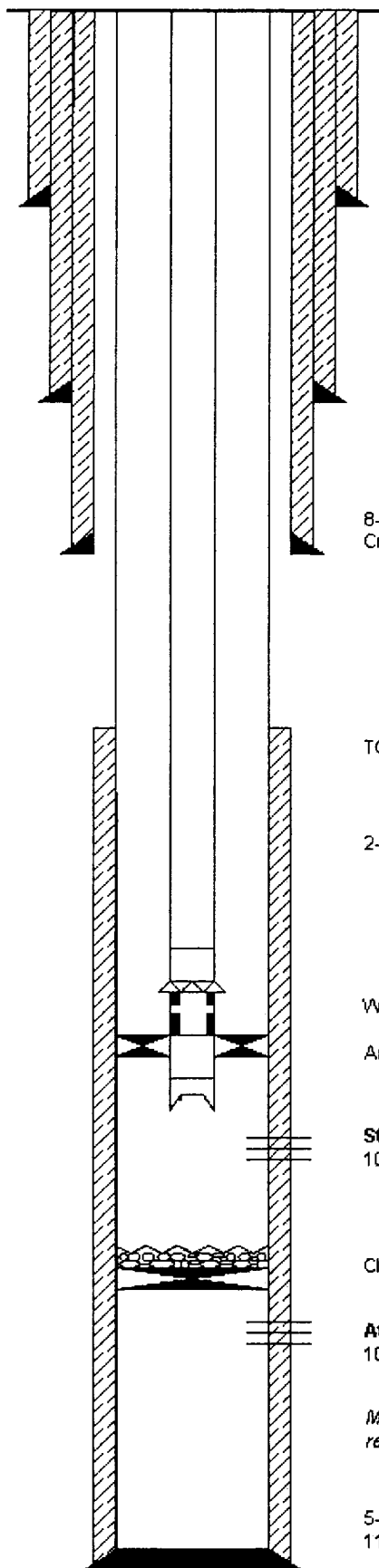
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Proposed Completion

Spud Date: 1/19/94
Completion Date: 3/23/94

Completion

3/94: 10,579-10,594' w/4 spf. For Tbg detail, see attached sheet.



20", 14-40, 48# @
335' Cmt'd w/750 sx
- Circ. w/105 sx

13-3/8", H-40, 48# @ 665'
Cmt'd w/550 sx. circ 75 sx

8-5/8", 32# & 24# @ 2,760'
Cmt'd w/1160 sx.

TOC @ 8,000'

2-7/8" tbg

Weatherford T-2 on/off tool w/2.25" "F" profile

Arrowset 1-X packer @ 10,100'

Strawn Perfs:
10,162-76'

CIBP @ 10,550' w/35' cmt

Atoka Perfs
10,579-10,594' w/4 spf

*Morrow potential 11,150-58' not tested. DST showed low
reservoir pressure.*

5-1/2", 280 jts, N-80 + S95 + C75 set @
11,400' Cmt'd w/785 sx.

TD: 11,400'
PBTD: 11,320'