

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division APPROVED  
1625 N. Ranch Dr. Budget Bureau No. 1004-0135  
Hobbs, NM 88240 Expires: March 31, 1993  
5. Lease Designation and Serial No.  
68240 B

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Novy Oil & Gas, Inc.

3. Address and Telephone No.

125 N. MARKET ST., SUITE 1230, WICHITA, KS 67202 (316) 265-4651

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

510' FSL & 1980' FWL SEC. 34-T8S-R35E

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

WILL 693 LTD #3

9. API Well No.

30-041-20257

10. Field and Pool, or Exploratory Area

VADA PENN/MILNESAND ABO

11. County or Parish, State

ROOSEVELT COUNTY, NEW MEXICO

12. CHECK APPROPRIATE BOX(s) 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)\*

SEE ATTACHED REPORT

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

Signed

*Frank E. Novy*

Title PRESIDENT

Date

8/10/00

(This space for Federal or State office use)

Approved by

(ORIG. SGD.) GARY GOURLEY

Title PETROLEUM ENGINEER

Date

AUG 25 2000

Conditions of approval, if any:

NOVY OIL & GAS, INC.

WELL REPORT

Completion

X Workover

POOL Milnesand Abo - Vada Penn

LEASE # NMNM-4039B

WC

AFE #

LEASE Will 693 LTD #3 Sec. 34 Twp. 8S Rge. 35E Spot Approx. SE SE

ZERO POINT 12' AGL ELEV. 4194' KB CO. Lea STATE New Mexico

OPERATOR Novy Oil & Gas, Inc. RTD 9825' PBD 9792'

CONTRACTOR Key Well Service CSG. SIZE & DEPTH SET 5 1/2" @ 9823' WT. 23#, 20# 17#

NEW OIL WELL Perfs. Zone

NEW GAS WELL Perfs. Zone

B.P.

OLD OIL WELL X Perfs. 8924-34' & 8938-48' Zone Abo

OLD GAS WELL Perfs. 9760-9774' Zone Bough "C" (Penn)

B.P.

REMARKS: Casing repair.

REPORT

7/11/00 MIRU Key WS. POOH w/rods & tbg. Install BOP & SDFN.

7/12/00 PU 5 1/2" RBP, packer & tbg. TIH w/2 3/8" EUE tbg. Test to 70000#. Run tools to 6500' & sat down solid. Work & spud bridge plug 1 hr. w/no progress. POOH w/tbg. packer & RBP. SDFN.

7/13/00 PU 4 1/2" cone bit & tbg. TIH to 7000' w/no problem. POOH w/tbg. & bit. SDFN.

7/14/00 PU 5 1/2" RBP & packer & TIH. Set RBP @ 8800'. Raise packer to 8500' & set same. Test RBP to 1500# - held ok. Spot 2 sx. frac sand on RBP. POOH to 6000'. Pressure tbg. to 1500# - cannot pump in. Pressure csg. to 1500# - cannot pump in. Left 1100# on tbg. & csg. SDFN.

7/15/00 SICP - SITP - 1100# - no wtr. bleed off overnight. Bleed off pressure - run swab to swab down. Swab down to 1500' & cannot lower fluid level. Water black - iron sulfide - very salty San Andres water. Raise & lower packer - testing. Have 3 leaks - @ 5000', @ 4800' & csg. bowl @ 4200'. Will circulate fluid between holes but cannot pump in @ 2000# psi.

7/16/00 SD for Sunday.

7/17/00 .Lower packer to 4500' & set. Swab tbg. to determine if fluid entering bottom leaks. Swab 22 BFP w/ fluid level @ 2300'. Fluid coming through lower holes. release packer & POOH w/tbg. & packer. Prepare to run free-point on csg. Pick up spear - set spear in 5 1/2" csg. Pick up csg. @ 110,000#. Pull & remove csg. slips. Free-point csg. - 100% free to 5500'. POOH w/ tool. SDFN.

7/18/00 Rig up csg. crew & wire line. Run string shot to 5113' & back off 5 1/2" csg. Pipe loose - lay dn. 129 jts. 5 1/2" = 5082' KB. Recovered casing bowl & 1 split 5 1/2" collar below casing bowl - did not find 3<sup>rd</sup> known casing leak. Several jts. badly pitted. Order 1300' of 5 1/2" 17# N-80 casing for replacement. SDFN.

7/19/00 Exchange 1265' of casing. Pick up 7 5/8" skirt welded on bottom jt. & TIH w/32 jts. tested 5 1/2" 17# N-80 csg. & 96 old jts. 17# N-80 csg. Lower skirt over collar & screw pipe together. Torque up csg. & land in slips w/95,000#. RD csg. crew. Cut 30' of csg. jt. & flange up well head @ 4:30 p.m. Install 5 1/2" x 2" swadge in csg. & load csg. Pressure to 500#. Pump in @ 2-3 BPM @ 500#. Still have 3<sup>rd</sup> leak. SDFN.

7/20/00 Pick up 5 1/2" pkr. & TIH to 5164'. Set packer - pressure to 1000#. Held ok. Bleed off - raise packer to 5104' & set packer. Pump in @ 2 BPM @ 500#. Close BOP. Pressure csg. annulus to 750#. No bleed off. Lower pkr. to 5134' & set. Pressure tbg. to 750# - no bleed off. Leak between 5104' & 5134'. Pick up packer to 4835'. SDFN.

7/21/00 Set pkr. @ 4835'. RU Halliburton. Cement squeeze w/20 bbl. wtr. w/15% CaCl - 150 sx. 60-40 poz cmt. w/2% CaCl & 100 sx. 60-40 neat cmt. down tbg. Squeeze to 1000#. SDF cement.

7/22/00 WOC. Est. cmt. top @ 4000'. (@ base of int. - 8 5/8" csg.)

7/23/00 WOC.

7/24/00 PU bit, 6 drill collars & TIH on tbg. Tag top of cmt. @ 4990' - drill cmt. to 5134' & fell free. Last 20' cement soft & mushy - suspect split csg. collar @ 5114 - probably split w/string shot when backing off csg. Ran 2 stands tbg. - close BOP. Test squeeze to 800#. Held 15 min. - no bleed off. POOH w/ drill collars & bit. Pick up BP retrieving tool, 6 drill collars, bumper sub & jars & TIH. SDFN.

7/25/00 Lower tbg. to top BP & circ. off sand. Attempt to latch on but cannot. Work 1 hr. w/no success. POOH w/tbg. & work string. PU short catch overshot, work string & TIH to 8750' & SDFN.

7/26/00 Attempt to latch on to RBP - circulate, rotate, latch on & jar for 2 hrs. to 80,000#. Overshot slipped off. POOH w/work string & short catch overshot. Pick up heavier overshot w/smaller grapple, accelerator sub, & work string & TIH. SDFN.

7/27/00 Latch on to RBP - start jarring - work 1 hr. & RBP turned loose. POOH w/20,000# drag. Did not recover RBP. Came free on trip out of hole. TIH to find RBP & SDFN.

7/28/00 Latch on to RBP @ 6400'. POOH w/plug hanging up in csg. collars. Lay down 5 1/2" RBP & all work string. Pick up new 5 1/2" RBP & 5 1/2" packer & TIH. Push scale below Abo perms for 60' to 9030'. Attempt to set RBP - plug would not set. SDFN.

7/29/00 Work tbg. for 4 hrs w/no success. packer will set but RBP will not set. Start POOH - dragging 10,000# to 20,000# above tbg. wt. SDFN.

7/30/00 Complete POOH - recover packer & RBP - something not right w/RBP. Release Parker Tool and call Baker Tool for RBP & packer. Pick up 5 1/2" csg. scraper & TIH to 9200' w/no resistance. POOH w/tbg. & scraper. Remove scraper. Pick up Baker Tool 5 1/2" RBP & 5 1/2" packer, 2 3/8" tbg. & TIH. Set RBP @ 9031'. Pick tbg. up 1 std. & set packer @ 8969'. Test RBP to 1000#. Held ok. Raise packer to 8864' & set 5 1/2" packer. Load csg. annulus w/KCL wtr. & pressure to 500#. Ready to acidize Abo perms.

7/31/00 RU Cudd nitroge service to treat well. Run b - IFL - 5500'. Made 3 swab runs from 8000'. Fluid level each run @ 5500'. Swab back dirty, iron sulfide water. No show oil or gas.

11:00 am - Cudd treat well w/10,000 gal. 20% NE-FE acid using total 605,000 SCF N2. Acid contains 1500 SCF N2 per barrel. Treat zone @ 5 BPM @ 5500#. ISIP - 2200#. 5 min. - 1900#. 10 min. - 1750#. 15 min. - 1600#. RD Cudd & prepare to blow back. 1 hr. SITP - 1350#. Total load = 450 bbl.

5:30 pm - start flow back on 20/64" choke to stock tanks. FTP - 1100#.

6:30 pm - FTP 600#. Rec. 75 bbl. fluid - trace oil @ end of 1 hr.

7:30 pm - FTP 600#. Rec. 55 bbl. fluid - 1% oil. Switch fluid to swab tank.

9:00 pm - FTP 500#. Rec 55 bbl. fluid - 10% oil. Slight show natural gas.

10:00 pm - FTP 350#. Rec. 30 bbl. fluid - 45% oil. Strong blow natural gas.

8/1/00 1:00 am FTP - 200#. Rec. 30 bbl. fluid - 33% oil. Strong natural gas.

7:00 am - FTP - 0#. Rec 30 bbl. fluid - 55% oil. Strong natural gas.

Total fluid recovered - 275 bbl. - lack 175 bbl. for total load. Well flowing in heads - prepare to swab.

12:00 pm - Start swabbing - IFL 2000'.

1:00 pm - Rec. 10 bbl. fluid - 100% oil. Strong gas ahead, during & behind swab run. Rig starter out - repair.

4:00 pm - Run swab - IFL - 3000'.

5:00 pm - Rec. 15 bbl. - 100% oil. Strong gas. SDFN. Total cum recovery - 300 bbl. - lack 150 bbl. for load.

8/2/00 8:00 am - 0# tbq. press. - run swab. IFL 4000'.

9:00 am - Rec. 15 BO. Strong gas. 4 swab runs - FL steady @ 4000'. Cum recovery 315 bbl. - lack 135 bbl. for load.

9:30 am - Drop standing valve down tbq. - RU Rotary Wireline Service - TIH w/1 11/16" tbq. punch. Tag SN. Pick up 10' & fire 6 shot tbq. punch. POOH & RD Rotary Wireline Service. RU swab. Run swab - IFL - 700'. Swab casing annulus load water until 2:00 pm. Oil cut increased from 10% to 95%.

2:00 pm - Release packer - lower to RBP - release RBP & POOH. Lay down packer & plug. Pick up bull plugged tubing tension anchor, bottom hole assembly & TIH on 2 3/8" & 2 7/8" tubing. Set anchor @ 9030' w/12,000#. SDFN.

8/3/00 Pick up pump & run on rods. Seat pump. Hang on beam. Job complete. RDMO Key WS. Mechanic working on engine - won't start.

8/4/00 12:00 pm - Start well pumping.

8/5/00 0 BO, 54 BW. 20# HT pressure.

8/6/00 30 BO, 74 BW. Gas venting on HT.

8/7/00 50 BO, 25 BW. Gas venting on HT.

8/8/00 52 BO, 30 BW. Gas venting on HT. Start gas test.

**DROP FROM REPORT**