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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT - 1" (FORM C-101) FOR SUCH PROPOSALS.)		5a. Indicate Type of Lease State ☐ Fee ☒
5. State Oil & Gas Lease No.		
7. Unit Agreement Name		
8. Name of Lease Name Harvey E. Yates Company		Heyco Betenbough
9. Well No. P. O. Box 1933, Roswell, New Mexico 88201		1
10. Field and Pool, or Wildcat C 660 FEET FROM THE North LINE AND 1980 FEET FROM UNIT LETTER West LINE, SECTION 32 TOWNSHIP 13S RANGE 36E N.M.P.M.		Wildcat
15. Elevation (Show whether DF, RT, GR, etc.) 3975' GR		12. County Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
REMEDIAL WORK ☐ TEMPORARILY ABANDON ☐ OR ALTER CASING ☐ OTHER ☐	PLUG AND ABANDON ☐ CHANGE PLANS ☐	REMEDIAL WORK ☐ COMMENCE DRILLING OPNS. ☐ CASING TEST AND CEMENT JOBS ☐ OTHER ☐	ALTERING CASING ☐ PLUG AND ABANDONMENT ☐ OTHER ☒ Progress Report

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. SEE RULE 1105.

- 5/07/80 Depth-12,909'. Ran Caliper Survey for packer seat. PU test tool for DST#2. Hit bridge. Could not get tool to bottom. MISRUN.
- 5/08/80 Depth-12,912'. Conditioned hole. PU test tool for DST#3 from 12,805' to 12,912'. Opened tool, lost Packer Seat. MISRUN.
- 5/09/80 Depth-12,922'. TIH for DST#4 from 12,744' to 12,922'. Loaded DP w/1500 psi N₂. Opened on 1/4" choke; press bled down from 1500 psi to 1400 psi in 10". Opened on 3/8" choke; press bled to 750 psi N₂ @ end of 45" pre-flow. Closed tool @ 8:30 a.m.; bled N₂ off DP; re-opened tool @ 10:00 a.m., w/weak blow; 5 psi; opened on 3/8" choke; press increased to 64 psi @ end of 2nd flow. GTS @ 10:01 a.m. @ 270 MCF/D. POH; rec 900' of gas-cut mud. Sampler: 400 psi, 1.2 CFG and 1000 cc gas-cut mud.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed by Pech J. Lardue TITLE Engineer DATE 5/20/80

Original Signed by Jerry Sexton DATE MAY 22 1980

COPIES OF APPROVAL (IF ANY)

PRESSURES:

THP 6368 psi
45" IF/FF 2267/1184 psi
100" ISIP 4009 psi
60" 2nd IF/FF 308/484 psi
180" 2nd SIP 4009 psi
HPO 6368 psi

5/10/80 Drig @ 12,950'; formation-sh; 28' of progress. Mud Wgt-9.4#; Vls 50; WL-12. 6 hrs-drig; 7 1/4 hrs-trip; 8 1/2 hrs - DST#4; 2 1/4 hrs-LD test tool.

5/11/80 Drig @ 13,090'; formation-sh, 11 and ch; 140' of progress. Mud Wgt-9.5#; Vls-47; WL-12. 23 3/4 hrs-drig; 1/4 hr-service rig.

5/12/80 Drig @ 13,261'; formation-11 and sh; 171' of progress. Mud Wgt-9.5#; Vls-45; WL-12.2. 23 3/4 hrs-drig; 1/4 hr-work BOP and service rig.

5/13/80 Drig @ 13,286'; formation-sh; 25' of progress. Totco: 2 1/2" @ 13,270'. Mud Wgt-9.6#; Vls-50; pH-8.5; WL-12; FC-1/32; CI-34,000. 14 3/4 hrs-drig; 7 1/4 hrs-trip; 1/2 hr-totco; 1/4 hr-service rig; 1/4 hr-work BOP; 1 hr-washing to bottom.

5/14/80 Drig-13,350'; formation-sh; 64' of progress. Mud Wgt-9.6; Vls-50; pH-10.5; WL-11; FC-1/32; CI-34,000; KCl-6%; solids-7%. 23 3/4 hrs-drig; 1/4 hr-service rig and work BOP.

5/15/80 Drig @ 13,540'; formation-11 and sh; 190' of progress. Mud Wgt-9.5#; Vls-53; pH-9; WL-9; FC-1/32; CI-38,000; KCl-6%; solids-7%. 23 3/4 hrs-drig; 1/4 hr-service rig and work BOP.

5/16/80 Depth-13,550'. T1H for DST#5 from 13,381' to 13,550'. Opened tool @ 5:00 a.m. 5/16/80 w/1500 psi N₂ press. Bled N₂ press off through 3/4" choke; bled to 900 psi in 15"; changed choke to 1/2"; bled to 90 psi @ end of 60" preflow. Closed tool @ 6:00 a.m. for 2-hr ISIP; re-opened tool @ 8:00 a.m. w/fair blow; opened on 1/4" choke; decreased to weak blow; 0 psi; continued throughout. Closed tool @ 9:30 a.m. for 3-hr FSIP. Rec: 90' of drig fluid. Sampler: 10 psi; 1400 cc drig fluid; 0 gas, 0 oil.

HPI 6630 psi
60" IF 2180/219 psi
120" ISIP 351 psi
90" FF 88/88 psi
180" FSIP 175 psi
HPO 6586 psi
BHT 184° F.

5/17/80 Drig @ 13,588'; formation-11 and sh; 38' of progress Mud Wgt-9.6#; Vls-53; pH-9.5; WL-10; FC-1/32; CI-37,000; KCl-6%; solids-7%. 5 1/2 hrs-drig; 6 3/4 hrs-trip; 1/4 hr-work BOP; 11 1/2 hrs-DST #5.

5/18/80 Drig @ 13,698'; formation-11 and sh; 110' of progress. Mud Wgt-9.6#; Vls-58; pH-9.5; WL-12; FC-1/32; CI-36,000; KCl-6%; solids-7%. 22 3/4 hrs-drig; 1/4 hr-service rig; 1 hr-repair. NOTE: Bearing out on compound; running on one engine; mechanic on location to repair it.

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