

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form -
Revised 10-1

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

SUNDY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG WELL TO A DIFFERENT RESERVOIR.
USE APPLICATION FOR PERMIT (FORM C-101) FOR SUCH PROPOSALS.

5a. Indicate Type of Lease
State ☐ Fee ☒
5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

Heyco Betenbough

9. Well No.

1

10. Field and Pool, or Wildcat

Wildcat

12. County
Lea

OIL WELL ☐ GAS WELL ☒ OTHER ☐
Name of Operator
Harvey E. Yates Company

Address of Operator
P. O. Box 1933, Roswell, New Mexico 88201

Location of Well
UNIT LETTER C 660 FEET FROM THE North LINE AND 1980 FEET FROM
THE West LINE, SECTION 32 TOWNSHIP 13S RANGE 36E

15. Elevation (Show whether DF, RT, GR, etc.)
3975' GR

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:
SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
FULL OR ALTER CASING ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

REMEDIAL WORK ☐
COMMENCE DRILLING OPS. ☐
CASING TEST AND CEMENT JOB ☐
OTHER Log, Perforate, Acidize

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting work; SEE RULE 1103.)

5/19/80

TD-13,698' LOGGING. Formation-11 and sh. Mud Wgt-9.6#; Vis-64; WL-14. 5 1/4 hrs-trip; 5 hrs-directional survey; 12 hrs-circulating; 1 3/4 hrs-logging.

5/20/80

TD-13,698' LOGGING. 24 hrs-logging.

5/21/80

TD-13,698' circulating 5 1/2" csg. 3 hrs-trip; 3 hrs-circulating; 18 hrs-finish logging, running 5 1/2" csg, LD DP and DCs.

Ran 331 jts of 5 1/2" csg and set @ 13,150'- 111 jts of 20#, N-80 LT&C (4415') and 220 jts 17# N-80 LT&C (8735'). 1st mkr jt 12,280 to 12,300'; 2nd mkr jt 9657' to 9686'; float collar @ 13,106'.

Cemented w/2100 sx 50/50 Poz-H w/.6% of 1% Halad 22-A and 5# KCl/sx. PD w/2700 psi @ 8:50 a. am. 5/21/80. Plug held o. k.

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

Paul T. Sander

Engineer

Orig. Signed by
Jerry Sexton
Dist. 1, Supv.

APPROVED BY
INDICATE OF APPROVAL, IF ANY

RD. RR @ 4:00 p.m. 5/21/80. 2 hrs-cementing csq; 6 3/4 hrs-setting slips and RD. 5/22/80

Bennett Wireline ran Temp Survey; found TOC @ 8640'; reached TD @ 13,063' 5/23/80

Waiting on Completion Unit. 5/24/80

RU Well Service Unit. Set pipe racks and unloaded csq and NU tbg spool and hydraulic BOP. Set frac tank and filled w/3% KCl water. SD. 5/26/80

Ran bit and csq scraper and 402 lbs. 2 3/8" N-80 tbg; hung tbg @ 12,959'. SD. 5/27/80

RU Western Company; displaced fresh water out of csq w/3% KCl water. Spotted 600 gal 10% acetic acid from scraper and bit. SDFN. 5/28/80

RU CRC Wireline. Ran Gamma Ray Correlation Log from 13,050' to 12,050'. Perf 5 1/2" csq from 12,315' to 12,331' (17' - 68 shots), 12,538' to 12,553' (16' - 64 shots), 12,637' to 12,642' (6' - 24 shots), 12,855' to 12,860' (6' - 24 shots) and 12,873' to 12,900' (28' - 112 shots). On last perf run, gun hung in csq collar @ 12,538'; unable to move gun up or down. Pulled out of rope socket w/5000# pull. RD CRC and closed in well. 5/29/80

Ran Bowen overshot w/3 1/8" grapple, jars, bumper sub and two 3 1/2" OD DCS on 2 3/8" OD N-80, EUE tbg. Latched onto fish @ 12,538' and POH. Rec wireline rope socket and collar locator. The 4" x 16' steel carrier gun had unscrewed from collar locator and was left in hole. SDFN. 5/30/80

TIH w/Bowen overshot w/2 3/8" grapple, DCS and tbg. Latched onto fish and POH; bottom 4' of gun had fired; balance (12') had misfired. Closed well in and SDFN. 5/31/80

SD. 6/01/80

RU CRC Wireline. Re-perf 5 1/2" csq from 12,538' to 12,549' w/4JSPF (total 44 shots). RD CRC; ran Baker RBP and pkt. Set RBP @ 12,966'. Closed well in and SD. 6/02/80

6/03/80

6/04/80 RU Western Company. Set pkr @ 12,918'. Acidized perfs 12,873' to 12,900' and 12,855' to 12,860' w/1000 gal 7 1/2% MS acid. Formation broke @ 3000 psi, back to 2700 psi. SI. Max press 4400 psi; ATP-4000 psi @ 1.8 BPM. Instant SI press 3700 psi; 5" SIP-1900 psi. Released press; set RBP @ 12,680' and pkr @ 12,613'. Acidized perfs from 12,637' to 12,642' w/500 gal 7 1/2% MS acid; formation broke @ 4200 psi to 4000 psi. Max press-4400 psi w/5 BBL acid formation. Pkr started leaking; released press and reset pkr @ 12,508'. Finished flush w/avg press of 4100 psi @ .6 BPM. ISIP-4000 psi; 5" SIP-3400. PU and set RBP @ 12,292' and pkr @ 12,257'. Tested RBP and pkr in blank pipe to 4400 psi - held O. K. Reset RBP @ 12,363' and pkr @ 12,290'. Acidized perfs from 12,315' to 12,331' w/1000 gallons 7 1/2% MSR acid. Formation started feeding @ 3200 psi @ .8 BPM. Increased rate, treated @ 4500 psi @ 2.4 BPM. ISIP-3400 psi; 5" SIP-2600 psi. 208 BBL L&A water to rec. SD 2 hrs; changed out tbg line; began pulling tbg, pkr and RBP OOH.

6/05/80 Finished POH w/tbg. LD retrievematic pkr and RBP. Ran Baker LOK-SET pkr and ON-OFF tool w/1.81" profile on 379 jts of 2 3/8" OD N-80 tbg. Set pkr @ 12,257' KB w/12,000# compression. Removed BOP and NU X-tree. SDFN.

6/06/80 RU swab; 1st FL-2000' from surface. Swbd 40 BBL fluid in 10 hrs into test tank; good gas flow after each swab; FL-10,000' from surface. Lack 200 BL&AW to rec.

6/07/80 SITP-15 psi (12 hrs); IFL-4300' from surface. Swbd 50 BL&AW in 8 hrs. Lack 150 BL&AW to rec. RD Well Service Unit and RU Swab Unit.

6/08/80 SITP-1500 psi (12 hrs); CP-0 psi. Opened well; blew down in 28"; flwd est 1 BLW. IFL-5200'; swbd dry in 6 1/2 hrs; making 1 swab run/hr; pulled 800' of fluid. Rec 35 1/2 BLW; have continuous gas flow; 10 to 20 psi through 3/4" choke. Shut well in @ 6:00 p. m. 115 BLW to rec.

6/09/80 SITP-2450 psi (13 hrs). Blew well down in 60". Flwd 1 BBL fluid. Ran swab; IFL-10,500'. Swbd 22 BL&AW; FFL-scattered fluid from 10,000' to 12,250'. Shut well in @ 6:00 p. m.