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NEW MEXICO OIL CONSERVATION COMMISSION

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

5a. Indicate Type of Lease
State ☐ Fee ☒

5. State Oil & Gas Lease No.

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 TO DRILL" (FORM C-101) FOR SUCH PROPOSALS.)

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 NMPM.

7. Unit Agreement Name

8. Farm or Lease Name
Heyco Betenbough

9. Well No.
1

10. Field and Pool, or Wildcat
Wildcat

11. 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:

FORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PROBABLY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPS. <input checked="" type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER <input type="checkbox"/>		OTHER <u>DST #1</u> <input type="checkbox"/>	

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

- 4-23-80 Depth-11,320'; drlg w/Navidril. 64°N & 1°W @ 11,293'.
- 4-24-80 Depth-11,342'; drlg w/Navidril. 2°S & 15°W @ 11,318'.
TOH & LD Navidril TIH w/hole opener.
- 4-25-80 Drlg @ 11,560' li & sh. Totcos 2 3/4° @ 11,384', 2 3/4° @ 11,455', 3 3/4° and 43°E @ 11,515'.
- 4-29-80 Drlg @ 12,235' li & sh. Totco 3° @ 12,228'.
- 5-01-80 Results of DST #1 from 12,275' to 12,347' - Upper Atoka):
Loaded DP w/1500 psi of N₂. Set pkr and opened tool @ 7:20 p.m. 4/30/80 for 45" PF on 1/4" choke; bled N₂ from 1500 psi to 500 psi. Closed tool for 90" ISIP. Opened tool @ 9:35 p.m. w/1 psi, increased to 10 psi in 5"; opened on 3/8" choke, press increased steadily to 14 psi in 90". GTS in 27". Rec 558' of gas-cut drlg fluid w/trace of distillate. Sampler: 100 psi, .6 CFG, 400 cc drlg fluid w/trace of distillate

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

Signed by Peter J. Sander TITLE Engineer DATE 5/7/80

Orig. Signed by Jerry Sexton TITLE Dist. 1, Supv. DATE MAY 12 1980

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

PRESSURES

IHP	5799 psi
45" PF	2137/989 psi
90" ISIP	3878 psi
90" PF	110/154 psi
240" FSIP	3943 psi
RHP	5799 psi
BHT	174° F

5-02-80

Drig @ 12,455'; formation-sh; 108' of progress. Mud Wgt-9.1#; Vis-36; WL-10. 15 1/2 hrs-drig; 5 hrs-trip; 3 1/2 hrs-finishng DST #1.

5-03-80

Drig @ 12,579'; formation-l and sh; 124' of progress. Mud Wgt-9.1#; Vis-36; WL-10. 23 3/4 hrs-drig; 1/4 hr-work BOP.

5-04-80

Depth-12,674' on trip. Formation-l and sh. Mud Wgt-9.2#; Vis-35; WL-10; 95' of progress. 21 3/4 hrs-drig; 1 1/2 hrs-trip; 1/4 hr-totco; 1/4 hr-service rig; 1/4 hr-work BOP.

5-05-80

Drig @ 12,820'; formation-l and sh; 146' of progress. Mud Wgt-9.3#; Vis-37; WL-11.4. Totco: 2 1/4 @ 12,694'. 17 1/2 hrs-drig; 6 hrs-trip; 1/4 hr-service rig; 1/4 hr-work BOP.

5-06-80

Depth-12,909'. PU test tool for DST #2. Formation-l and sh; 89' of progress. Mud Wgt-9.3#; Vis-38; WL-10. Totco: 3 1/4 @ 12,909'. 9 3/4 hrs-drig; 4 1/4 hrs-trip; 1/4 hr-totco; 1/4 hr-service rig; 4 hrs-circulating; 1/4 hr-work BOP; 5 1/4 hrs-running Caliper.

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OIL ☐ GAS ☒ OTHER ☐

6. Name of Operator Harvey E. Yates Company	7. Unit Agreement Name
8. Address of Operator P. O. Box 1933, Roswell, N. M. 88201	8. Farm or Lease Name HEYCO Betenbough
9. Location of Well UNIT LETTER C, 660 FEET FROM THE North LINE AND 1980 FEET FROM West THE LINE, SECTION 32 TOWNSHIP 13S RANGE 36E NMPM.	9. Well No. 1
10. Elevation (Show whether DF, RT, GR, etc.) 3975' GR	10. Field and Pool, or Wildcat Wildcat
11. County Lea	

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

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER Progress report <input checked="" type="checkbox"/>

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

3-9-80 thru 4-13-80 Waiting on rotary rig.
4-14-80 RU rotary rig. NU BOP. Yellow Jacketed BOP stack and casing. PU and ran 8-3/4" bit, drill collars and drill pipe.
4-15-80 Drilled cement plugs at 6100' and 8150' and cleaned out to 8550'.
4-16-80 Circulated and cleaned out to 12206'. POH and RIH w/OE drill pipe. Mixed and spotted 175 Sx Cl H cement w/5# sand and .5% Halad 22/Sx from 12206' to 11800'. WOC. POH and ran Eastman Whipstock Gyroscopic Multiple Shot survey from 12080' to surface w/shots taken every 100'. At 12080' drift angle was 3/4° S. 65° W. True verticle depth - 12077.56'; vertical section - 167.24'; North 111.10' East 125.42'. Closure section N 48° 28" E Closure distance 167.55'.
4-17-80 WOC. TIH to dress off plug. Plug not firm enough for kick-off.
4-18-80 Depth 12037'. Set new cement plug w/280 Sx Cl H w/10# sand and .5% CFR-2, preceded cement w/1000 gal mud flush.
4-19-80 WOC. TIH to dress off plug.
4-20-80 Depth 11828'. TOH to set cement plug. Mixed 300 Sx Cl H w/6% CFR-2, 5# No. 3 sand, and 1# mud kill per Sx.
4-21-80 WOC. Depth 9986'. Mixing mud and conditioning hole. (OVER)

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

SIGNED Paul J. Sandoz TITLE Engineer DATE 4-28-80

APPROVED BY [Signature] TITLE [Signature] DATE APR 30 1980

CONDITIONS OF APPROVAL: [Signature]

OIL CONSERVATION DIV.

APR 29 1980

RECEIVED

PB depth 11293'. Conditioning hole at run Eastman Whipstock
Navi-Drill.

4-22-80

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

PLUG AND ABANDON ☐
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOB ☐
OTHER MI, Drill surface plugs, test casing, RD ☒
ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

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

- 6-80 Installed cellar and prep location. Removed DH marker and drilled surface plug w/rat hole machine.
- 7-80 MI & RU well service and reverse drilling units. Welded 13-3/8" OD casing stub to 9-5/8" casing. Installed 9-5/8" WO X 10" - 900 casinghead.
- 8-80 PU and ran 8-3/4" rock bit, 6 3-1/2" OD drill collars on 2-3/8" EUE N-80 tubing to cement plug at 4508' KB. Circulated hole clean and tested 9-5/8" casing to 2000 psi - 30 min. Held OK. Drilled out cement plug from 4508' to 4608' and cleaned out to 4700' KB. Circulated hole clean. Pulled and LD tubing, DC's and bit. Bolted a 1/2" thick steel plate on top of casinghead. Released rental equipment and well service unit.

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

Signed By Peck Hardie TITLE Engineer DATE 3-14-80

APPROVED BY MAK TITLE MAK DATE 3-14-80

CONDITIONS OF APPROVAL, IF ANY: