

OIL CONSERVATION DIVISION

P. O. BOX 1000

SANTA FE, NEW MEXICO 87501

Form O-100
Revised 10-1-76

TO: ☐ DISTRICT	☐
TO: ☐ FIELD	☐
TO: ☐ OFFICE	☐
TO: ☐ OTHER	☐

State ☐	Field ☒
State & Field Lease No.	

SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR ANY OTHER PURPOSES. IT IS THE PROPERTY OF THE OIL CONSERVATION DIVISION AND IS LOANED TO YOU. IT IS TO BE RETURNED TO THE DIVISION WHEN YOU RETURN THE WELL TO THE DIVISION.

WELL NO. ☐ OTHER ☒

Harvey E. Yates Company

Address of Lessee

P. O. Box 1933 Roswell, NM 88201

1. Unit Agreement Name Duncan Unit
2. Well No. 2
3. Field Name Wildcat
4. County Lea

Section **F** 1980 North 1980
West 26 13S 32E

4019.6 GR

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

NOTICE OF INTENTION TO:

WELL INCIDENT REPORT ON:

PERMANENT ABANDON WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐

PLUG AND ABANDON ☐
CHANGE PLAYS ☐

REINFORCE WORK ☐
REINFORCE CASING ☐
OTHER ☐

ACTIVATING Casing ☐
PLUG AND ABANDONMENT ☐

Plug back & recompleate in Atoka Zone ☒

JA

When making a report on this form, you must clearly state all pertinent facts, and give pertinent data, including estimated date of shut-in and production. SEE NOTE 1105.

- 9-4-81 SICP 0#. PU Geo Vann Tbg conveyed perf'g guns, firing head, tbg release, PAVA, Baker Loc-Set pkr w/EL Receptacle (4-1/2" X 2-3/8" X 1.81" profile), 1 jt 2-3/8" N-80 tbg, 6' tbg swb w/Key Locator Collar w/RA Marker & RIH to 12,790'. Ran GR-CL to position guns. Spaced out; removed BOP, set pkr @ 12,845' & NU Tree & Flare Line. Dropped detonating bar. Guns fired @ 3:30 PM. Perf'd 5-1/2" csg (Atoka) fr 12,901' to 12,915' (14') & fr 12,934' to 12,939' (5') w/4 spf. Total 76-1/2" diameter holes. Tbg has fair blow @ surf. GTS in 40 mins. Have sm gas flare, 0 surf press. Closed well in @ 4:30 PM for BU.
- 9-8-81 SITP 125 psi. IFL 8500', swbd est 10 BW. FFL 12,500'. RU Jarra Wireline Service. Att to release guns. Unable to rel guns.
- 9-9-81 RU McCullough. TIH w/chemical tbg cutter. Made cut @ 12,991'. Tbg cutter ruptured & stuck in tbg. (Tool 8' long) Top of tool @ 12,983'. Guns did not fall off. Reran tbg cutter & tagged up @ 12,983'. PU to 12,973' & made cut. Tagged fish @ 12,992'. Pulled line OOH & RD McCullough.
- 9-10-81 SITP 50 psi. IFL 8000'. Rec 16 BW. FFL 12,000'. LD swb. RU Halliburton & acidized w/2000 gals 15% Morrow Flo BC. Form brk @ 4400 psi. Max press 8000#, avg press 7400#, final press 8000#. Max rate 5.2 BPM, avg rate 4.8 BPM, final rate 5.0 BPM. ISIP 4200#, 5" 2600#, 10" 1900#, 15" 1400#. RU swb. IFL @ surf. Swb 55 BLW. FFL 10,000'. Slight gas show on last run. (cont on back)

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

SIGNED *Paul J. Hardee* TITLE **Engineer**

DATE **11/13/81**

APPROVED BY *[Signature]* TITLE **Engineer**

DATE **NOV 18 1981**

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Expires 11/18/82

9-14-81 SITP 125 psi. RI 5000', swbd 15 BW, load tbg, u at pkr & POH. SDFN.

9-15-81 PU OS & jars on 2-3/8" tbg. Caught fish & POH. Rec 6' tbg & top part of tbg. Rel tool. PU OS to fish for btm part of tbg. Rel tool. Lack 60 stds to reach fish. SDFN.

9-16-81 Fin GIH w/OS, caught fish & POH w/2-3/8" tbg, jar OS, lower tbg release tool & perf guns. PU pkr & GIH w/2-3/8" tbg. SDFN.

9-17-81 SITP 0 psi. RU Vann, tagged PBTD 13,205'. Perf'd fr 12,934' to 12,939' w/4 spf. RD Vann. GIH w/Baker Loc-Set Pkr On-Off Tool w/1.81 profile on 2-3/8" tbg. SDFN.

9-18-81 SITP 50 psi. RIH w/Baker Loc-Set On-Off Tool w/1.81 profile to 12,943' to spot. RU Halliburton to spot w/250 gals 15% MCA. Pull pkr to 12,788' to brk dn form. Max press 5300#, avg press 5150#, final press 5300#. Max rate 4.2 BPM, avg rate 3.7 BPM, final rate 3.3 BPM. ISIP 3600#, 5" 1000#. RD Halliburton. TLTR 60 bbls. RU swb. IFL 1000', FFL 5000'. Rec 25 bbls, no show of gas.

9-21-81 SITP 50 psi. RU to swb. IFL 5000', FFL 10,000'. Rec 20 BW, gas on swb. RU Halliburton & Sonny's to acidize w/4000 gals 7-1/2% MCA w/120 ball sealers & 2% KCL wtr for flush. Max press 7300#, avg press 6500#, final press 7300#. Max rate 5.5 BPM, avg rate 5.1 BPM, final rate 5.3 BPM. ISIP 4500#, 5" 3300#. TLTR 148 bbls (good ball action). RD Halliburton & Sonny's. RU to flow & swb. IFL 100', FFL 6000'. Rec 75 BLW, tr of gas on swb. SDFN.

9-25-81 SITP 125 psi. IFL 5000'. RD Tree, RU BOP. Unseat pkr & POH. RU Howco Cmt retainer & GIH. SDFN.

9-26-81 Set Howco retainer @ 12,655'. RU Halliburton & tstd tbg to 5000 psi. Lost all tbg press. RD Howco. SOH w/tbg. SD.

9-28-81 Fin POH w/tbg. GIH w/Slick Stinger & tag up on retainer. Open retainer valve & POH. RU CRC & set Howco retainer @ 12,557' on wireline. RD CRC. SDFN.

9-29-81 GIH w/Stinger & 2-3/8" tbg. RU Howco & I&W & brk circ w/2% KCL. Stung into retainer & estab inj rate w/2% KCL. Sqz perf's @ 12,901' to 12,939' w/200 sx Class "H" plus 5% Halid 22 & 4% CFR2. Sqz to 5400 psi. POO retainter & rev out 15 sx to pit (185 sx under retainter). RD Howco & POH w/tbg. SDFN.

9-30-81 RU Geo Vann & perf 12,382' to 12,380' w/2 spf (16 holes). RD Geo Vann. SIH w/Baker Loc-Set On-Off Tool (1.81 ID) & 2-3/8" tbg. RU Howco & spot 250 gals 15% MCA @ 12,390'. PU & set pkr @ 12,265'. Brk dn perf's @ 2800 psi; avg press 3900# @ 2.4 BPM. Final press 5000 @ 3.8 BPM. ISIP 2900#, 5" 2600#. TLTR 62 bbls. RD Howco, RD BOP, RU Tree. SDFN.

10-2-81 SITP 50 psi, good gass. RU to swb, IFL 12,000'. Rec 1 BW w/tr of gas. RU Howco & Knox to acidize w/2000 gals 7-1/2% MCA plus 24 ball sealers & flush w/2% KCL. Max press 9000#, avg press 6500#, final press 5000 psi. Max rate 6 BPM, avg rate 4.9 BPM, final rate 3.6 BPM. ISIP 3300#, 5" 3000#. Balled out. TLTR 98 bbls RD Howco & Knox.

10-7-81 SITP 250 psi, good gas. RU I & W Kill Truck to kill well w/2% KCL. RD Tree, RU BOP. Unseat pkr & POH. RU Geo Vann. GIH w/Howco Retainer on wireline & set @ 12,360'. RD Geo Vann. RU Bo Monk to tst tbg. GIH w/Howco retainer stinger & 2-3/8" tbg. SDFN.

10-8-81 RIH w/Halliburton stinger on 2-3/8" tbg to 12,360'. RU Halliburton & I & W. Sqz perf's fr 12,372' to 12,380' w/200 sx Class "H" plus 5/10% Halad 22 & 4/10% CFR-2. Est pmp rate 2 BPM @ 3200 psi. Max sqz press 5300 psi. Pmpd 188 sxs cmt below retainer, rev 12 sx to pit. RD Halliburton & I & W. POH w/2-3/8" tbg & stinger. WOC. SDFN.

10-9-81 Fin POH. RU Geo Vann to perf Upper Atoka @ 12,330' to 12,350' w/2 spf. RD Geo Vann. SIH w/Baker Loc-Set Pkr, SN & 2-3/8" tbg. RU Howco & spot 250 gals 15% MCA @ 12,352'. PU to 12,225' & set pkr. Strt brk dn w/2% KCL wtr. Form brk @ 1800#, final PIP @ 4900# @ 2.5 BPM. ISIP 3800#, 5" 3600#. CP incr fr 500 psi to 1000 psi during 5 min reading. Pull pkr back to 12,193' & re-set. SDFN. TLTR 58 bbls.

10-10-81 SITP 25 psi. RU to swb. IFL @ surf, back side holding. RD BOP, RU Tree. FFL @ 10,500'. Rec 38 BW, no show of gas. SDFN.

(see next page)

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NOV 17 1981

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