

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

NO. OF COPIES RECEIVED	5
DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.G.S.	
LAND OFFICE	
OPERATOR	1

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-78

RECEIVED

AUG 26 1980

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> For <input type="checkbox"/>
5. State Oil & Gas Lease No. B-11594-3

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

O.C.D.  
ARTESIA, OFFICE

OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>
Name of Operator Harvey E. Yates Company		
Address of Operator P.O. Box 1933, Roswell, New Mexico 88201		
Location of Well UNIT LETTER F, 1980 FEET FROM THE North LINE AND 1980 FEET FROM THE West LINE, SECTION 13 TOWNSHIP 18S RANGE 28E N.M.P.M.		

7. Unit Agreement Name
8. Farm or Lease Name Travis 13 State
9. Well No. 1
10. Field and Pool, or Wildcat So. Empire Morrow
11. County Eddy

15. Elevation (Show whether DF, RT, GR, etc.)  
3604.5 GL

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"/>	DSTs & Core <input checked="" type="checkbox"/>

7. 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.

8/10/80 - Depth-9355' on DST #1

8/11/80 - Results of DST #1 from 9260' to 9355'. Opened tool @ 5:15 a.m. 8/10/80 w/fair blow, increasing to good; 5:25 a.m. 2 psi; opened on 3/8" choke; 5:35 a.m. 1 psi; 5:45 a.m. 1 psi; Closed tool for 60" SIP. 6:45 a.m. opened tool w/weak blow w/0 psi on 3/8" choke; decreased to very weak blow @ end of 60". No GTS. 10:45 a.m. POH after 180" FSIP. Rec 388' of drlg fluid, plus 150' of gas-cut drlg fluid. Sampler: 700 psi, 1900 cc drlg fluid, 7.006 cu ft of gas.

PRESSURES:	TOP CHART	BOTTOM CHART
IHP	4352 psi	4384 psi
30" PF	46-185 psi	92-220 psi
60" ISIP	2251 psi	2410 psi
60" FFP	93-185 psi	275-367 psi
180" FSIP	2297 psi	2366 psi
FHP	4352 psi	4429 psi
BHT		185° F

8. 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 August 22, 1980

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT 11 DATE AUG 28 1980

CONDITIONS OF APPROVAL, IF ANY:

8/12/80 - Depth-9806' PU Core Barrel. Core #1 from 9806' to 9866'; rec. only 24'.

8/14/80 - Depth-9950' on DST #2.

Results of DST #2 from 9780' to 9950'. Tool opened @ 4:15 a.m. 8/14/80 w/good blow, increasing to strong; surface press increased to 8 psi for 10"; opened on 3/8" choke; press decreased to 1 psi for rest of FP. Had GTS in 21" w/6' gas flare. Closed tool @ 4:45 a.m. for 60" SIP. Reopened tool 5:45 a.m. w/good blow; 2 psi in 2", increasing to 8 psi in 10" and decreasing to 3 psi after 25"; continued decreasing and blow died. Shut well in @ 7:45 a.m. for 4-hr FSIP. Released pkr @ 11:45 a.m. and TOH. Rec 562' of condensate. Sampler: 250 psi, 450 cc fluid, 1.93 CFG.

<u>PRESSURES:</u>	<u>TOP CHART</u>	<u>BOTTOM CHART</u>
IHP	4492 psi	4630 psi
30" IF/FF	127-127 psi	231/219 psi
60" ISIP	1962 psi	2003 psi
2 hr 2nd IF/FF	127/254 psi	243/336 psi
4 hr FSIP	1962 psi	2051 psi
FHP	4556 psi	4611 psi
BHT		185° F

8/20/80 - Depth-10,835' on TIP for DST #3

Results of DST #3 from 10,740' to 10,835'. Opened tool @ 10:00 a.m. 8/20/80 w/weak blow; 0 psi; 10:10 a.m. increased to good blow; 0 psi. Closed tool @ 10:30 a.m. w/good blow for 60" ISIP. Opened tool @ 11:30 a.m. for 60" FF; very weak blow continued throughout; increasing slightly; 0 psi. Closed tool @ 12:30 p.m. for 180" FSIP. Released pkr @ 3:30 p.m. and TOH. Rec 1350' of drlg fluid; Cl-80,625 ppm; mud pit cl-98,000. Sampler: 0 psi; 0 gas.

<u>PRESSURES:</u>	<u>TOP CHART</u>	<u>BOTTOM CHART</u>
IHP	5315 psi	5336 psi
30" IF-FF	134-201 psi	150-257 psi
60" ISIP	313 psi	386 psi
60" 2nd IF-FF	313-380 psi	386-450 psi
180" FSIP	515 psi	578 psi
FHP	5315 psi	5338 psi
BHT		160° F

No GTS. Test called a misrun due to leak in DP.