

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

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>		8. Farm or Lease Name W.D. Grimes NCT-A	
2. Name of Operator Chevron U.S.A. Inc.		9. Well No. 1	
3. Address of Operator P.O. Box 670, Hobbs, NM 88240		10. Field and Pool, or Wildcat Byers Yates Gas	
4. Location of Well UNIT LETTER <u>D</u> LOCATED <u>330</u> FEET FROM THE <u>North</u> LINE AND <u>330</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>32</u> TWP. <u>18S</u> RGE. <u>38E</u> NMPM		12. County Lea	
19. Proposed Depth		19A. Formation Yates Gas	20. Rotary or C.T.
21. Elevations (Show whether DF, RT, etc.) 3642	21A. Kind & Status Plug. Bond blanket	21B. Drilling Contractor NYK	22. Approx. Date Work will start ASAP

23. PROPOSED CASING AND CEMENT PROGRAM

No change

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
	15 1/2"	70	242	850	
	9 5/8"	36	2733	527	
	6 5/8"	24	3933	200	
	4 1/2"		4259	70	

It is proposed to abandon the existing Queen pay and recomplete in the Yates gas pool as follows: GIH w/ CICR and set at 3640', pump cement and cap CICR w/35' cement. Load hole and test to 1000#. Log well w/cased hole neutron log. Dependent on results, perforate 6 5/8" w/4" guns, 1 SPF, 180° phasing. Acidz across perfs w/ 15% NEFE. Put spot away, frac perfs w/N2 foam system. Flow back, RD and turn over to production.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed M. E. Akin Title Staff Drilling Engineer Date August 1, 1988

(This space for State Use)

Orig. Signed by
Paul Kautz
Geologist

APPROVED BY _____ TITLE _____ DATE SEP 16 1988

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway
Workover

7182 527 as amended