

Shell Western E&P Inc.

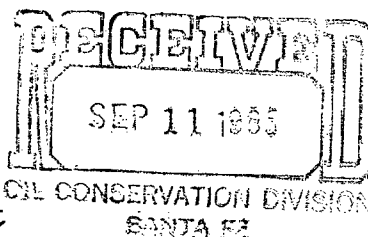
A Subsidiary of Shell Oil Company



P.O. Box 576

Houston, TX 77001

September 6, 1985



State of New Mexico
Energy and Minerals Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, NM 87501

Gentlemen:

APPLICATION TO DOWNHOLE COMMINGLE
SHELL-TAYLOR GLENN NO. 6
4620' FSL AND 1979' FEL, UNIT LETTER "J"
SECTION 3, T21S, R37E
DRINKARD & BLINEBRY OIL AND GAS POOLS
LEA COUNTY, NEW MEXICO

Pursuant to the provisions of Rule 303-C, Shell Western E&P Inc. (SWEPI) respectfully requests administrative approval to commingle production within the wellbore from the Drinkard and Blinebry Oil and Gas pools for the subject well. Taylor Glenn No. 6 was drilled in 1952 as a Drinkard producer. The Drinkard was abandoned in 1962, and the well has since singly produced from the Blinebry zone. With the indicated marginal production, installation of dual equipment cannot be justified. In the interest of conservation and prevention of waste, we now propose to reopen the Drinkard and downhole commingle the production with that of the Blinebry Oil and Gas Pool in the subject well.

This well qualifies for administrative approval in accordance with Statewide Rule 303-C; and in support thereof, the following facts are submitted:

1. The attached plat indicates the Taylor Glenn lease.
2. The latest tests are as follows:

Blinebry: (5-09-85) 6 BO + 1 BW + 56 MCFG
Drinkard: (7-20-85) 12 BO + 12 BW + 44 MCFG

3. Neither zone produces more water than the combined oil limit as determined in Rule 303-C, Section 1, paragraph (1).
4. SWEPI has commingled these fluids at the surface on the subject lease and has encountered no incompatibility problems; therefore, downhole commingling is not expected to result in reservoir damage (surface commingling authority: PC 107).
5. Surface commingling resulted in no reduction of oil value; therefore, downhole commingling will not reduce oil value.

BNA8524802

6. Ownership of the two pools to be commingled is common and correlative rights will not be violated.

7. The bottom-hole pressures at common datum of 6650' are:

Blinebry: 457 psig (24 hrs SI)

Drinkard: 318 psig (24 hrs SI)

We do not anticipate crossflow of fluids since the well will be maintained at pumped off conditions.

8. Commingling will not jeopardize the efficiency of future secondary operations in either zone.

9. Recommended oil and gas allotments would be as follows:

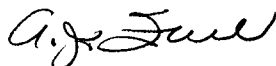
<u>BLINEBRY</u>		<u>DRINKARD</u>
33%	Oil	67%
56%	Gas	44%

10. Copies of this application have been furnished to all offset operators by certified mail.

Other supporting data attached are resume of the well's history, C-116 for each zone, a schematic of the present and proposed downhole configuration, and a production decline curve of the Blinebry zone.

If additional information is required, please advise.

Yours very truly,



A. J. Fore
Supervisor Regulatory and Permitting
Production Administration
Western Division

MW:MM

Attachments

cc: State of New Mexico
Energy and Minerals Department
Oil Conservation Division
P. O. Box 1980
Hobbs, NM 88240

WELL HISTORY
TAYLOR GLENN #6

9/52 Drilled and completed in the Drinkard formation.
11/62 Set CIBP over Drinkard and recompleted in the Blinebry.
2/79 Installed artificial lift.

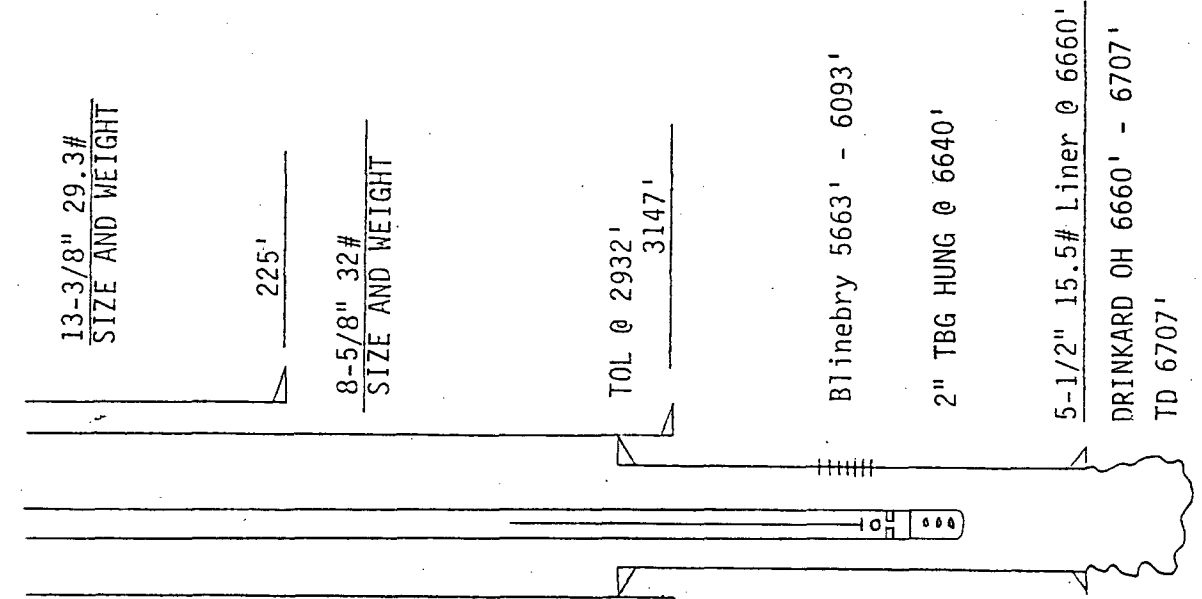
MECHANICAL CONFIGURATION

WELL TAYLOR GLENN #6

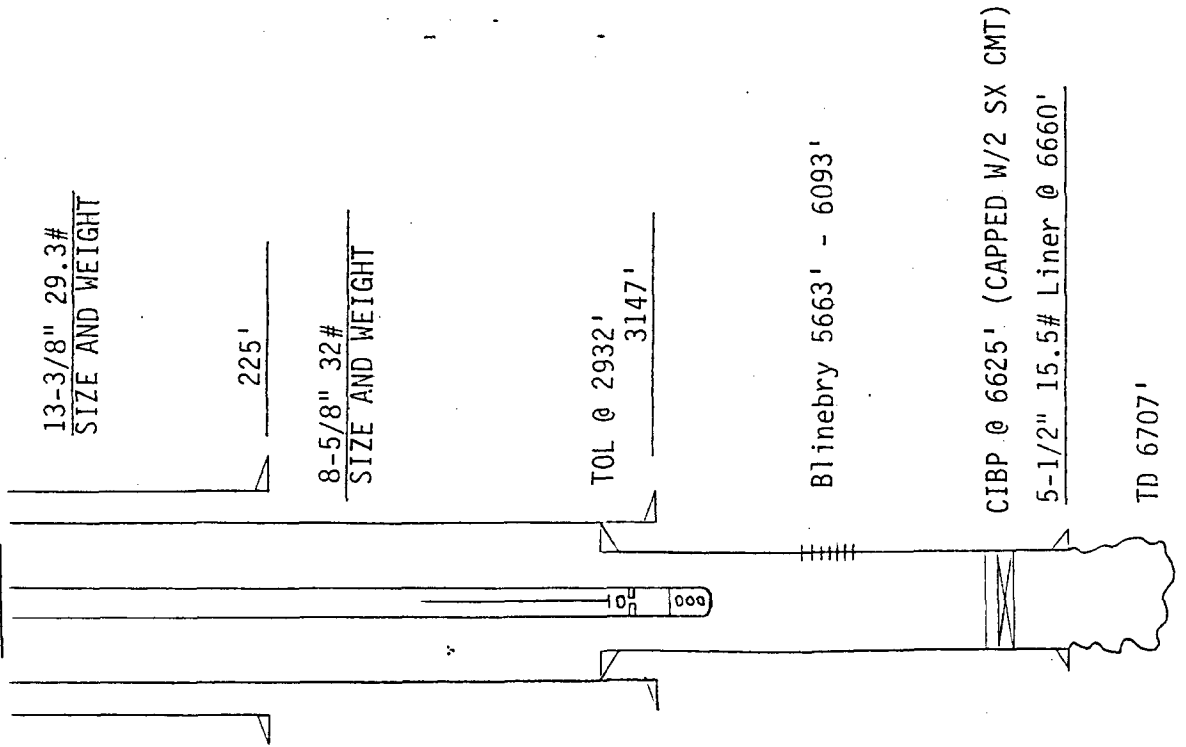
FIELD DRINKARD

DATE JUNE, 1985

PROPOSED



PRESENT



GAS-OIL RATIO TESTS

SHELL WESTERN E&P INC.		Pool	DRINKARD & BLINEBRY OIL AND GAS POOLS		County	LEA												
P. O. BOX 576, HOUSTON, TEXAS 77001		TYPE OF TEST - (X)		Scheduled	Completion	(COMBING TEST) Special												
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	WATER PRODUCTION	PROD. DURING TEST		GAS - OIL RATIO CU.FT/B						
		U	S	T						R	WATER BBL/D		GAS MCF/D					
TAYLOR GLENN	6	J	3	21S 37E	7-20-85	P	40	12 BOPD 6 BOPD 18 BOPD	24	13	36.2	18	100	5556				
															DRINKARD BLINEBRY	67% 33% 100%	44% 56% 100%	44 MCF/D 56 MCF/D 100 MCF/D

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 33 percent. Operator is encouraged to take advantage of this 33 percent tolerance in order that well can be assigned increased allowable when authorized by the District.

Gas volume must be reported in MCF measured at a pressure base of 14.7 psia and a temperature of 60° F. Specific gravity base 0.80.

Report testing pressure in lieu of tubing pressure for any well producing through casing.

Must originate one copy of this report to the district office of the New Mexico Oil Conservation Division in accordance with 301 and appropriate Pool Rules.

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


 SUPERVISOR REG. & PERMITTING
 (Signature)
 (Title)

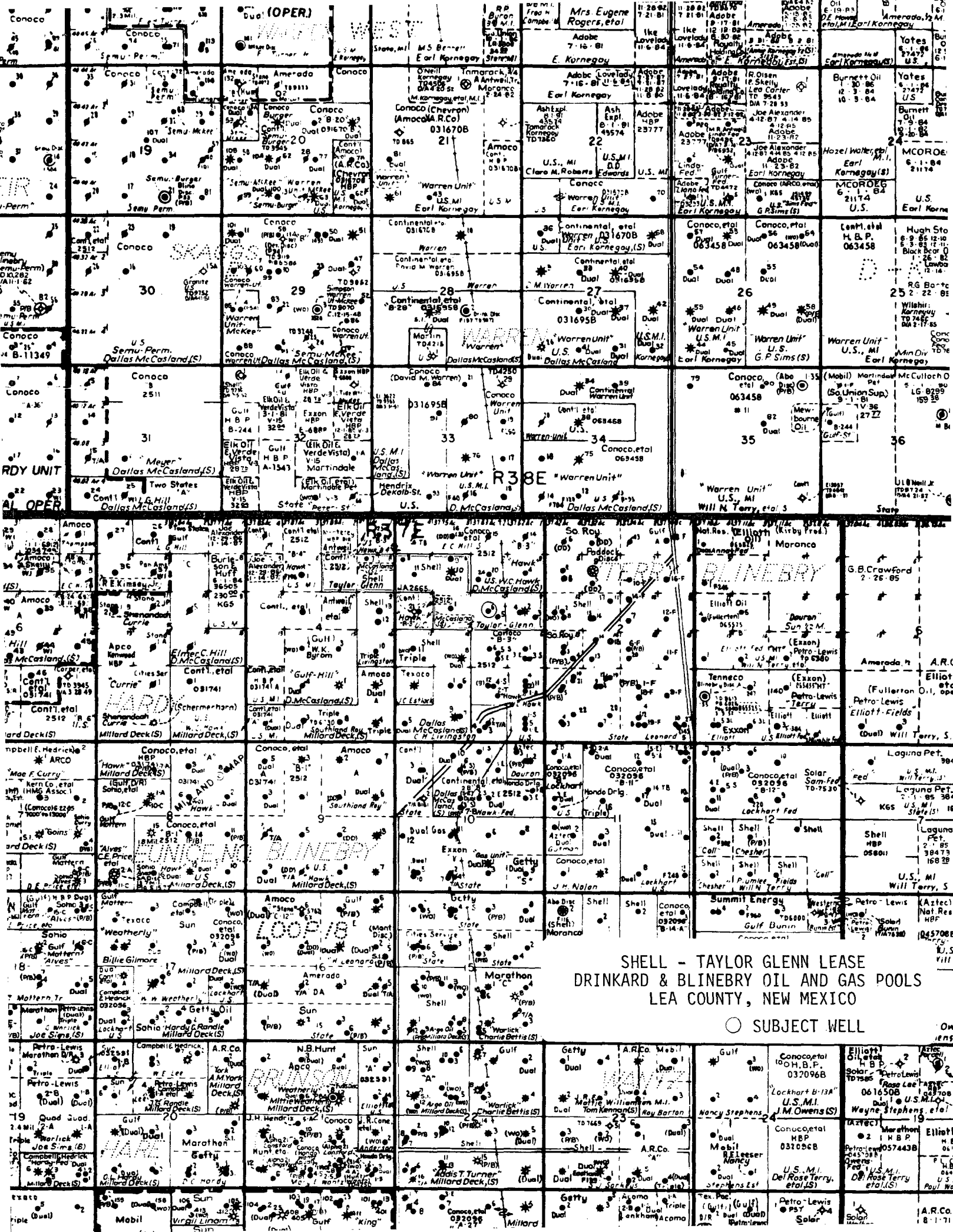
OFFSET OPERATORS

SHELL - TAYLOR GLENN LEASE

ANTWEIL OIL CO.
P.O. BOX 2010
HOBBS, NM 88240

CONOCO INC.
P.O. BOX 460
HOBBS, NM 88240

SOUTHLAND ROYALTY COMPANY
21 DESTA DR.
MIDLAND, TX 79701





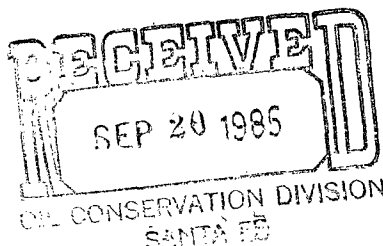
STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

September 16, 1985

TONEY ANAYA
GOVERNOR

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88240
(505) 393-6161

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



RE: Proposed:

MC	_____
DHC	_____ X _____
NSL	_____
NSP	_____
SWD	_____
WFX	_____
PMX	_____

Gentlemen:

I have examined the application for the:

Shell Western E&P Inc.	Taylor Glenn	No. 6-J	3-21-37
Operator	Lease & Well No.	Unit	S-T-R

and my recommendations are as follows:

O.K. ----J.S.

Yours very truly,

Jerry Sexton
Supervisor, District 1

/mc