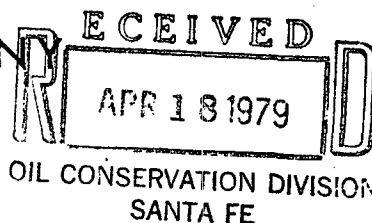




SHELL OIL COMPANY

PETROLEUM BUILDING
P.O. BOX 1509
MIDLAND, TEXAS 79702

APR 12 1979



Subject: Application to Downhole Commingle
for Shell Taylor-Glenn Well No. 10,
Unit Letter F, Located 1980' FNL
and 1980' FWL Section 3, T-21-S,
R-37-E, Lea County, New Mexico
Drinkard Field

DHC-279
Due-5/8/79

State of New Mexico (3)
Energy and Minerals Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, NM 87501

Attention Mr. J. D. Ramey, Secretary-Director

Gentlemen:

Shell Oil Company requests administrative approval under the provisions of Rule 303-C to commingle within the wellbore production from the Tubb and Drinkard pools in its Taylor-Glenn Well No. 10, located in Unit F of Section 3, T-21-S, R-37-E, Lea County, New Mexico.

The subject well has been flowing from the Drinkard zone at a rate of 12 BOPD + 8 BWPD + 145 MCFGPD with a GOR of 12,083 CF/B. The Tubb zone was recently reclassified as an oil zone (effective March 1, 1979) showing a test of 1 BOPD + 2 BWPD + 295 MCFGPD, GOR 295,000 CF/B.

Production from the Tubb and Drinkard formations have been surface commingled at the Taylor-Glenn Battery without any indication of fluid incompatibility. Since the crudes are commingled at the Battery before being sold, no difference in value will result by commingling within the wellbore of the subject well.

The static BHP for the Tubb was 776 PSIG, and the Drinkard is 684 PSIG.

Tubb - 180.89% 295 mcf 67%
Dr - 1280.92% 145 mcf 33%
13 440

GOR
Tubb - 2000
Drinkard - 6000

Battery pf 6758'

A copy of this application is being sent to all offset operators. Your further handling and approval of this application will be sincerely appreciated.

Yours very truly,

ORIGINAL SIGNED BY

R. J. COENEN

W. T. Weller, Jr.
Operations Manager-Midland
Mid-Continent Division

JWH:JAH

Attachments

cc - Offset Operators

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

OFFSET OPERATORS

SECTION 3, T-21-S, R-37-E
LEA COUNTY, NEW MEXICO

CONTINENTAL OIL COMPANY
P. O. BOX 460
HOBBS, NM 88240

M. R. ANTWEIL
P. O. BOX 2010
HOBBS, NM 88240

EXXON COMPANY - U.S.A.
P. O. BOX 1600
MIDLAND, TX 79702

AZTEC OIL & GAS COMPANY
P. O. BOX 337
HOBBS, NM 88240

GAS-OIL RATIO TESTS

Downhole Commingle Permission

Operator	Shell Oil Company	Pool	Tubb - Drinkard	County	Lea
Address	P. O. Box 576, Houston, TX 77001				
TYPE OF TEST - (X)		SCHEDULED		Completion	
TEST - (X)		SCHEDULED		SPECIAL	

LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU.FT/BBL
		U	S	T	R					WATER BBL.S.	GRAV. OIL	OIL BBL.S.	GAS M.C.F.
Taylor Glenn (Tubb)	10	F	3	21	37	3-11-79	F 24/64	100	24	2	40.7	1	295
Taylor Glenn (Drinkard)	10	F	3	21	37	3-13-79	F 64/64	95	24	8	36.8	12	145
													295,000
													12,083

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 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

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

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

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

A. Ramirez A. Ramirez
Supervisor Oil Accounting

3-28-79 (Title)

(Date)

SURVEYOR

SHELL OIL COMPANY
SUBSURFACE PRESSURE SURVEY

CC-W. Moore, Ron Holsey

1-File

cc: Cy, W, I

Company Shell Oil Company
Lease Taylor - Glenn Well No. 10
Field Driest and State N.M.
Test Date 2-21-79

upper zone - Tubb

Producing Formation _____
Elevation (CHF, DF, KB, etc.) _____
Datum _____ subsea, or _____
Tubing Obstruction at _____
Production Packer at _____
Perforations _____

Instrument Data

Company Running Survey
Element—Range & No.
Clock — Range & No.
Calibration Date

Shell O.L.G.
2812/2500
4810/3HR
2-30-79

Static Pressure Data

Test Depth	6155'	ft
Pressure at Datum (6155')	776	psig
Shut-in Time	static	hrs
P _i at Datum		psig
Shut-in Tubing Pressure	600	psig
Shut-in Casing Pressure	600	psig
Top of Oil	~	
Top of Water	~	
Temperature at _____ feet	N/T	°F
Date of Last Test	None	
Pressure @ Datum, Last Test	}	psig
Shut-in Time, Last Test	}	

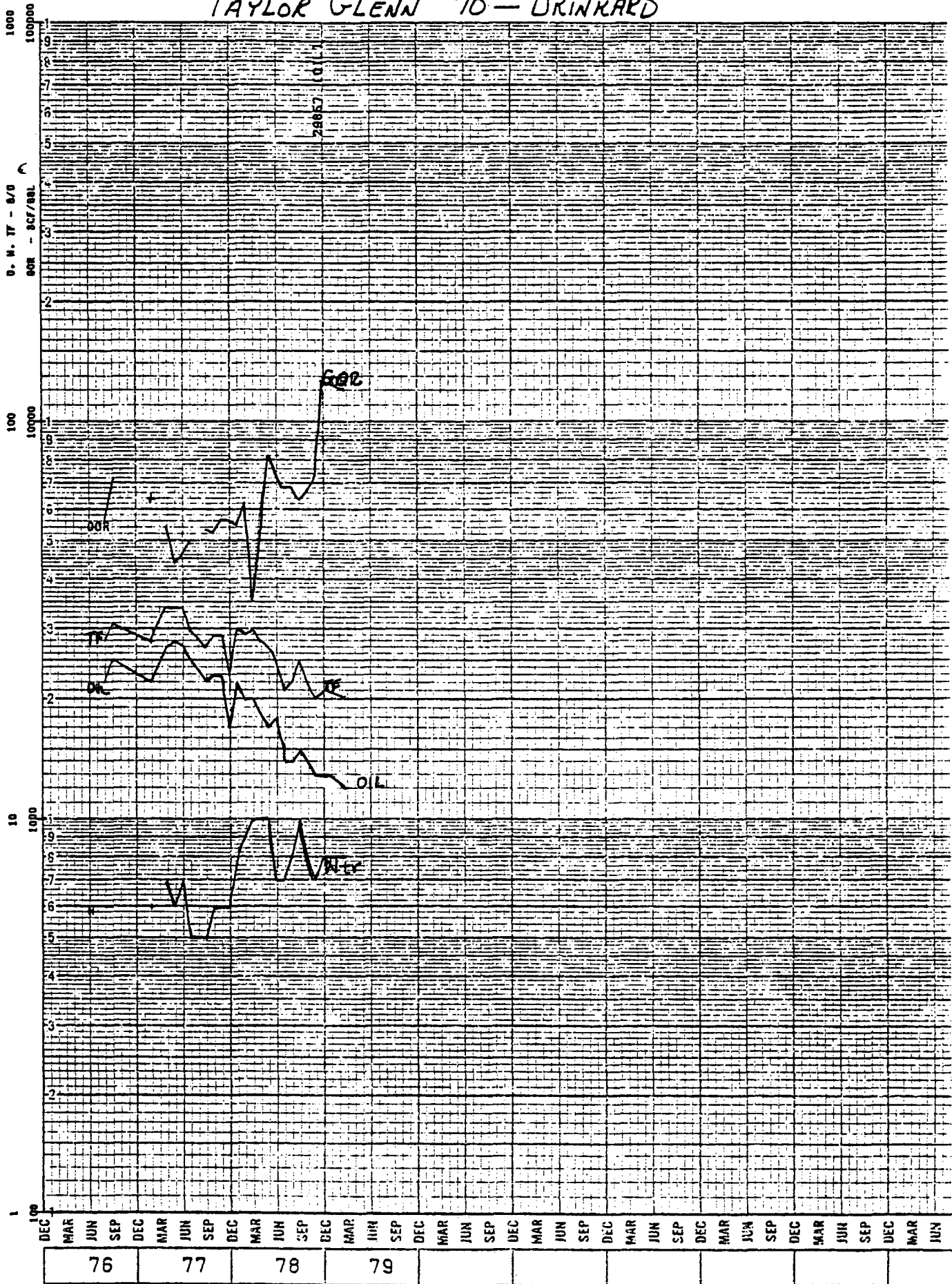
Flow Test Data

Test Date	_____	
Choke Size	_____	in
Period of Stabilized Flow	_____	hrs
Stabilized Production (q)		
Oil	_____	bbls/day
Gas	_____	MCF/day
Water	_____	bbls/day
Flowing Tubing Pressure	_____	psig
Flowing Casing Pressure	_____	psig
Cumulative Production (Q)		
Oil	_____	bbls
Gas	_____	MCF
Water	_____	bbls
Effect. Prod' Life, $t=24 Q/q$	_____	hrs

Remarks: — well swabbed 2-19-79
and S.I. — static taken 2-21-79
@ 10:00

[illegible]

TAYLOR GLENN #10 - DRINKARD



[illegible][illegible]

CONTROL NO.

Shell Taylor Glenn No. 10
Drinkard Field
Tubb and Drinkard Pools
Lea County, New Mexico
Present Downhole Equipment

Elev.: GL = 3479'
TD = 6805'
PBTD = 6770'

8 $\frac{5}{8}$ " 24# csg @ 1361' cmt'd w/ 600sx

203 jts 2 $\frac{1}{16}$ " EUE
8rd tbq, hung
open-ended @ 6160'

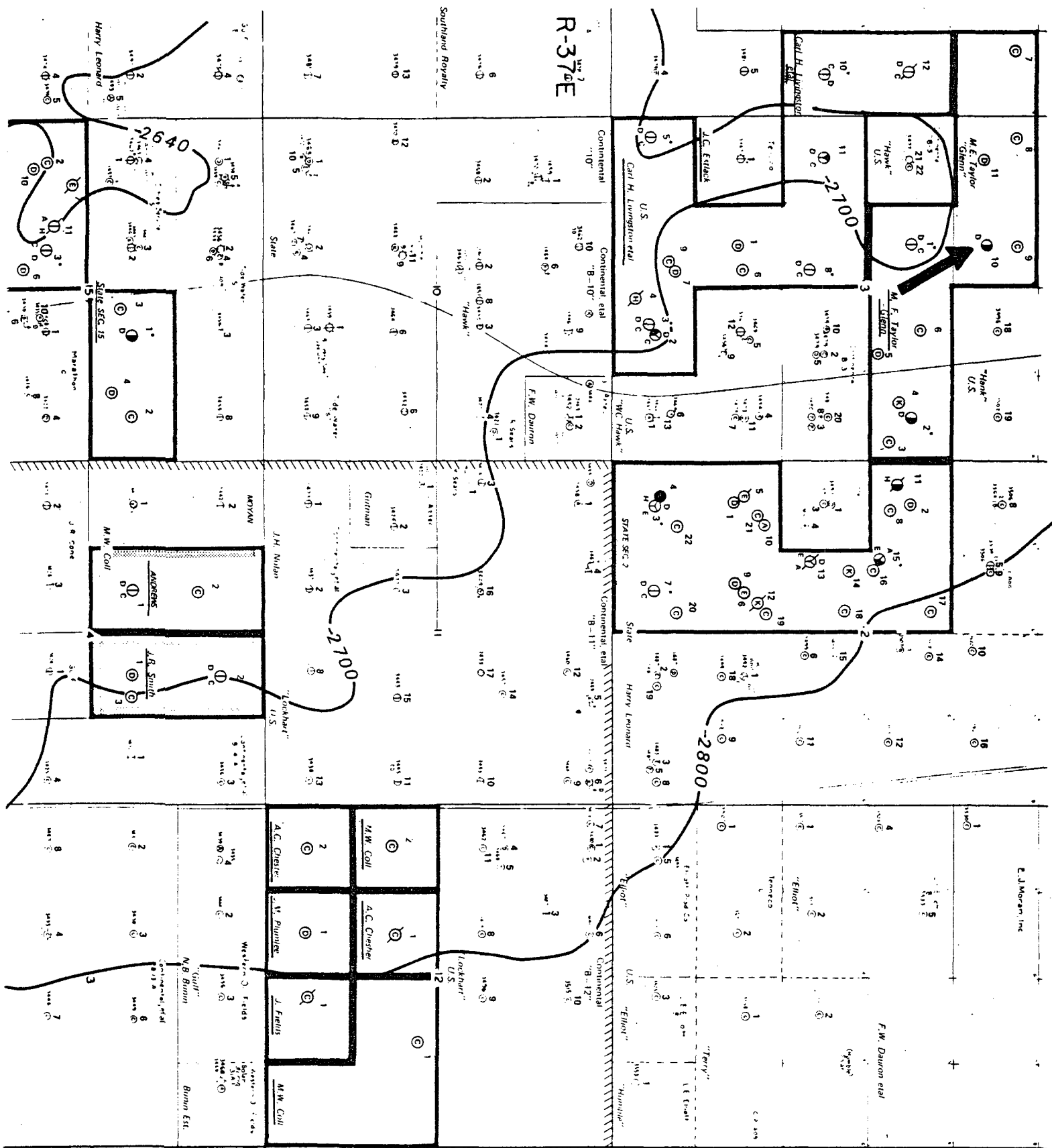
214 jts 2 $\frac{1}{16}$ " EUE
8rd tbq.

Tubb Perforations
6182' to 6394'

(Baker) Lok-set pkr @ 6508'-6572'

Drinkard Perforations
6574' to 6758'

5 $\frac{1}{2}$ " (full string) 15.5# @ 6805'
cmt'd w/ 1025sx

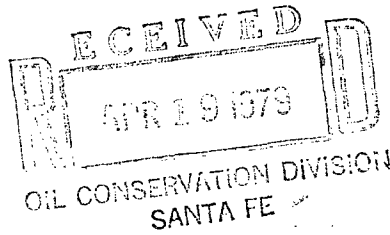


OIL CONSERVATION COMMISSION
Hobbs DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE April 16, 1979

RE: Proposed MC _____
Proposed DHC X _____
Proposed NSL _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____



Gentlemen:

I have examined the application dated _____
for the Shell Oil Co. Taylor Glenn No. 10-F 3-21-37
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

O.K.---J.S.

Yours very truly,

A handwritten signature in cursive script, appearing to read "James L. Leach".