

CASE 3360: Appli. of L.R. FRENCH,
Jr. for a dual completion, Lea
County, New Mexico.

ASE NO.

3360

Application,
TRANSCRIPTS,
SMALL Exhibits
ETC.

TENNECO OIL COMPANY A Major Component of Tenneco Inc.
SUITE 1200 • LINCOLN TOWER BUILDING • DENVER, COLORADO 80203



June 9, 1969

New Mexico Oil Conservation Commission
Box 2088
Santa Fe, New Mexico

Gentlemen:

Reference is made to Commission Order No. R-3325 approving the
Tenneco South Upper Hospah Waterflood Project.

Well No. 5, an authorized water injection well, will be converted
from a Hospah producer to a Hospah injection well in June. The
well will be equipped with tubing and packer with the packer
being set not more than 100 feet above the Upper Hospah pay.
It is anticipated that 500 bbl/day of Gallup water will be in-
jected into this well. Injection into this well will complete
the waterflood pattern as shown on the following plat.

Yours very truly,

TENNECO OIL COMPANY

C. W. Nance

C. W. Nance
District Production Superintendent

JML:rem
Attachment

cc: E. C. Arnold
1000 Rio Brazos Road
Aztec, New Mexico 87410
(w/Attachment)

STATE OF NEW MEXICO
COMMISSION OF NEW MEXICO FOR
THE PROTECTION OF CONSERVATION

IN THE MATTER OF THE PETITION
CALLED BY THE CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PROTECTION OF CONSERVATION

STATE OF NEW MEXICO
COMMISSION OF NEW MEXICO FOR
THE PROTECTION OF CONSERVATION

APPLICATION OF L. R. PHARM, JR.,
FOR A HILL CONSERVATION, LOS ALAMOS,
NEW MEXICO.

STATE OF NEW MEXICO

BY THE COMMISSION

This case came on for hearing at 9 o'clock a.m. on
January 5, 1936, at Santa Fe, New Mexico, before Examiner
David B. Carter.

Now, on this 13th day of January, 1936, the Commission,
a quorum being present, having considered the record and the
recommendations of the Examiner, and being fully advised in the
premises,

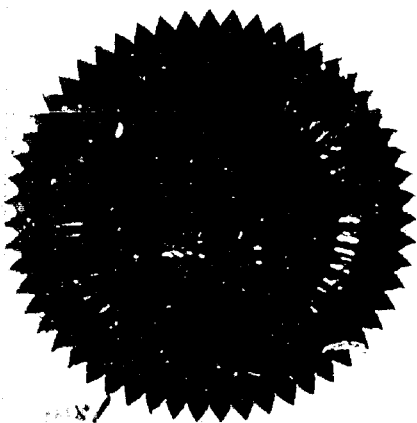
ORDER

That the applicant's request for dismissal should be
granted.

IT IS HEREBY ORDERED

That Case No. 3300 is hereby dismissed.

WITNESSETH at Santa Fe, New Mexico, on the day and year hereinafter
designated.



STATE OF NEW MEXICO
COMMISSION OF CONSERVATION

Jack M. Campbell
JACK M. CAMPBELL, Chairman

Henry B. Hays
HENRY B. HAYS, Member

A. L. Porter, Jr.
A. L. PORTER, JR., Member & Secretary

State of New Mexico
Oil Conservation Commission



STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

January 13, 1966

Re: Case No. 3360
Order No. R-3024
Applicant:
L. R. French, Jr.

Enclosed herewith are two copies of the above-referenced Commission order recently entered in the subject case.

A. L. PORTER, Jr.
Secretary-Director

Carbon copy of order also sent to:

Hobbs OCC **x**
 Artesia OCC
 Aztec OCC

Other _____

DOCKET: EXAMINER HEARING -- WEDNESDAY -- JANUARY 5, 1966

9 A.M. - OIL CONSERVATION COMMISSION CONFERENCE ROOM,
STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

The following cases will be heard before Daniel S. Nutter, Examiner, or
Elvis A. Utz, Alternate Examiner:

- CASE 3358: Application of General American Oil Company of Texas for a waterflood expansion, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to expand its Burch-Keely Waterflood Project, authorized by Order No. R-2327 in the Grayburg-Jackson Pool, by the conversion to water injection, in stages, of from 10 to 15 wells in Sections 23 and 26, Township 17 South, Range 29 East, Eddy County, New Mexico.
- CASE 3359: Application of Sinclair Oil & Gas Company for a dual completion, non-standard location, non-standard gas proration unit, and an exception to Rule 104 C I, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval of the dual completion (conventional) of its Fren Oil Company Well No. 21 to produce oil from the Cedar Lake-Abo Pool and to produce gas from an undesignated Morrow gas pool through parallel strings of tubing. Applicant further seeks approval of a 200-acre non-standard gas proration unit for said well comprising the E/2 SW/4, SW/4 SE/4, and E/2 SE/4 of Section 19, Township 17 South, Range 31 East, for said well which is located at an unorthodox gas well location 560 feet from the South line and 3350 feet from the East line of said Section 19. Applicant further seeks an exception to Commission Rule 104 C I for said well which is located closer than 660 feet to another well producing from the Abo formation on the same 40-acre tract.
- CASE 3360: Application of L. R. French, Jr. for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dually complete his Aztec Uncle Well No. 1 located in Unit C of Section 28, Township 18 South, Range 33 East, Lea County, New Mexico, to produce oil from the Strawn formation through the casing-tubing annulus and to produce gas from the Morrow formation through tubing. In the alternative, applicant seeks authority to dually complete the well with a single string of tubing and to commingle the Strawn oil and Morrow gas in the wellbore by means of a dual-flow choke-assembly.

CASE 3152 (Reopened)

In the matter of Case No. 3152 being reopened pursuant to the provisions of Order No. R-2821, which order established 80-acre spacing units for the Osudo-Wolfcamp Pool, Lea County, New Mexico, for a period of one year. All interested parties may appear and show cause why said pool should not be developed on 40-acre spacing units.

CASE 3153 (Reopened)

In the matter of Case No. 3153 being reopened pursuant to the provisions of Order No. R-2822, which order established 80-acre spacing units for the Osudo-Strawn Pool, Lea County, New Mexico,

January 5, 1966 Examiner Hearing

for a period of one year. All interested parties may appear and show cause why said pool should not be developed on 40-acre spacing units.

CASE 3246 (Reopened)

In the matter of Case No. 3246 being reopened pursuant to the provisions of Order No. R-2935, which order established special rules for the Mesa-Queen Pool, Lea County, New Mexico, for production of oil and gas wells in said pool, including classification of oil wells and gas wells, spacing units for oil wells and gas wells, and the establishment of a gas-liquid ratio limitation of 5,000 cubic feet of gas per barrel of oil. All interested parties may appear and show cause why the special rules should be continued in effect.

CASE 2720 (Reopened)

In the matter of Case No. 2720 being reopened pursuant to the provisions of Order No. R-2397-B which continued the original order for an additional year, establishing special rules governing the production of oil and gas wells in the Double-X Delaware Pool, Lea County, New Mexico, including classification of wells as gas wells when the gas-liquid hydrocarbon ratio exceeds 30,000 to one.

CASE 3361: Application of Tidewater Oil Company for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water in its A. B. Coates "C" Well No. 15 located in Unit O of Section 24, Township 25 South, Range 37 East, Justis Field, Lea County, New Mexico, through a perforated interval below 8,000 feet.

CASE 3353: Application of Tesoro Petroleum Corporation to amend Order No. R-2807, McKinley County, New Mexico. Applicant, in the above-styled cause, seeks an amendment to Order No. R-2807, which authorized a waterflood project in the Hospah Unit Area, to permit the production of oil from previously designated water injection wells, to approve unorthodox locations for additional producing wells, and to authorize additional injection wells, all in Section 36, Township 18 North, Range 9 West, McKinley County, New Mexico.

CASE 2945 (Reopened)

In the matter of Case No. 2945 being reopened pursuant to the provisions of Order No. R-2623, which order established 640-acre spacing units for the Antelope Ridge-Devonian Gas Pool, Lea County, New Mexico, for a period of two years. All interested parties may appear and show cause why said pool should not be developed on 160-acre or 320-acre spacing units.

January 5, 1966 Examiner Hearing

CASE 3350 (Continued and readvertised)

Application of International Oil & Gas Corporation for the creation of two new oil pools and for special pool rules, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new oil pool for Bone Spring production and a new oil pool for Wolfcamp production in Section 21, Township 18 South, Range 32 East, Lea County, New Mexico, and for the establishment of special rules for each of said pools including provision for 80-acre proration units.

CASE 3362: Application of Carter Foundation Production Company for a waterflood project, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a waterflood project by the injection of water into the Queen formation through five wells located at unorthodox locations in Sections 34 and 35, Township 23 South, Range 37 East, Langlie-Mattix Pool, Lea County, New Mexico.

L. R. FRENCH, JR.

ODIENSA, TEXAS

December 29, 1965

*Dis. 12/30/65
Case 3360*

Mr. Dan Nutter
Oil Conservation Commission
Santa Fe, New Mexico

Dear Mr. Nutter:

L. R. French, Jr., operator of Aztec Uncle No. 1, located 1650 FWL and 660 FNL of Section 28, T-18-S, R-33-E, Lea County, New Mexico, was listed for a hearing (Case 3360) for dual completion of the aforementioned well. However, we wish to withdraw this application because recent production and bottom hole pressure information has shown that the Strawn zone is no longer commercial. On December 22, 1965, a bottom hole pressure was run and it showed to be 1674# at 12,350 ft. The well was produced to December 27, 1965, on a 20/64" choke. The production on the 28th of December, 1965 was 5 barrels of oil through a 20/64" choke, FTP 100#. The fluid level was checked by wire line instrument and shown to have no fluid in hole. The casing pressure was at 500#.

We plan temporary abandonment of the Strawn zone and will produce the Morrow through the tubing. You already have the open flow potential on the Morrow zone, and enclosed you will find the bottom hole pressure on the Strawn zone.

If any additional information is required, please let us know.

Very truly yours,

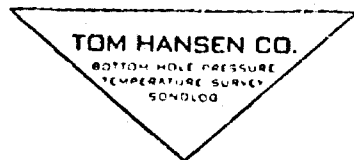
L. R. FRENCH, JR.

David H. Donaldson

David H. Donaldson
Production Superintendent

DHD/d
Enclosure (1)

cc: Joe Ramey



RECEIVED
DEC 23 1965

L. R. FRENCH JR.
ODESSA, TEXAS

INDIVIDUAL WELL DATA SHEET

Company L. R. French Jr. Lease Aztec Uncle Well No. 1

Field Undesignated County Lea State New Mexico

Test Date 12-23-65 Time 07:00 Status of Well Shut in Shut In 07:00, 12-22-65

Top of Pay _____ Total Depth _____ Producing Formation Strawn

T. Ang. 2 3/8 Depth 13,200 B.H.C. @ 13,125 Packer 13,135 Pressure Datum _____

Casing 5 1/2 Depth 14,518 Perf. _____ Liner _____ Packer _____

	Depth Feet	Δ Depth	Pressure Lbs. Sq. In.	Δ Pressure	*Gradient Lbs./Ft.
Casing Press. <u>1250</u>	<u>20</u>		<u>1030</u>		
Tubing Press. <u>1030</u>					
Top of Fluid <u>11,795</u>	<u>2500</u>		<u>1121</u>		<u>.036</u>
Top of Water <u>None</u>					
Hrs. Shut In <u>24</u> Flowing	<u>5000</u>		<u>1223</u>		<u>.041</u>
Temp. @ <u>12350</u> = <u>167</u> °F					
Elev. D.F. _____ Gr. _____	<u>7500</u>		<u>1334</u>		<u>.044</u>
Last Test Date <u>NPT</u>					
Press. Last Test	<u>10,000</u>		<u>1446</u>		<u>.045</u>
B.H.P. Change					
Gain-Loss/Day	<u>11,950</u>		<u>1568</u>		<u>.063</u>
Choke Size					
Oils Bbbls/day	<u>12,150</u>		<u>1621</u>		<u>.265</u>
Water Bbbls/day					
Total Bbbls/day	<u>R D 12,350</u>		<u>1674</u>		<u>.265</u>
Orifice & Line					
Static & Differential					
Gas Sp. Gr.					
Cu. Ft./day					
GOR					
GFR					

PRODUCTIVITY INDEX - BBLS./DAY/LBS. DROP

Last Cumulative Production	Present Cumulative Production	Production Between Tests
Instrument <u>Amerada 21601-N</u>	Number <u>RPG 3</u>	Recovery Factor Bbbls./pound Loss
Run By <u>Vaught</u>	Calibration No. <u>12</u>	Calculated By <u>Reyburn</u>

*Pressure and Gradients are calculated in decimals. Pressure and Δ pressure are shown to the nearest pound.

Calculations and Remarks:

PAN AMERICAN PETROLEUM CORPORATION

P. O. Box 268
Lubbock, Texas 79401
December 21, 1965

File: RES-3798-400.1

Subject: L. R. French, Jr's Application
For Dual Completion of Aztec
Uncle Well No. 1
Undesignated Strawn and Morrow Pools
Lea County, New Mexico

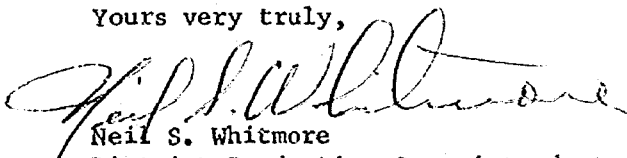
Mr. A. L. Porter, Jr.
Secretary-Director
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Dear Sir:

The undersigned operator has been notified of L. R. French Jr's application for dual completion of their Aztec Uncle Well No. 1 in the Undesignated Strawn and Morrow Pools. The well is located in Section 28, T-18-S, R-33-E, Lea County, New Mexico. A copy of the application for dual completion has been received with this notification.

You are respectfully advised that the undersigned operator waives hearing for this application.

Yours very truly,


Neil S. Whitmore
District Production Superintendent

RES:jn

cc: L. R. French Jr.
1204 American Bank of Commerce Bldg.
Odessa, Texas

L. R. FRENCH, JR.

ODDESSA, TEXAS

December 13, 1965

DEC 13 1965

Case 3366

7-2363
AC 915

Mr. Dan Nutter
Oil Conservation Commission
Santa Fe, New Mexico

Dear Mr. Nutter:

L. R. French, Jr., operator of Aztec Uncle No. 1, located 1650 FWL and 660 FNL of Section 28, T-18-S, R-33-E, Lea County, New Mexico, desires to dual complete this well in the Strawn (oil) and Morrow (gas) zones. Attached for your review is the following:

1. Sketch of Multiple Completion Equipment
2. Application for Multiple Completion
3. Plat and Electrical Logs
4. Four Point Gas Test for Morrow

Considerable difficulty was encountered in drilling this well to total depth. Lost circulation was encountered from 10,563 to 11,580, then while drilling with light mud at 12,355, the well started kicking and the mud weight had to be increased to 11.2 to safely drill. This mud weight was maintained to 14,518 at which depth 5-1/2" casing was run. A 4-5/8" hole was drilled with light mud to 14,858 at which depth the Devonian was tested and proved to be water. The well was plugged back to 14,260 with bridge plug and cement.

The Morrow and Strawn were perforated and a Baker Model D set at 13,140. Each zone was acidized and tested through tubing by the use of an Otis sleeve at 12,360, and both proved to be productive, the Strawn being oil and the Morrow being gas.

The Strawn was potentialled for 360 barrels of oil and the Morrow open flowed 2,800 MCF. The Morrow is currently blanked off and the Strawn is being produced through the tubing by the use of the Otis sleeve at 12,360. The Strawn is producing its top allowable of 270 BOPD with a tubing pressure of 500# and casing pressure of 1300#.

If any further information is requested, please let us know.

Very truly yours,

L. R. FRENCH, JR.

David H. Donaldson

David H. Donaldson
Production Superintendent

DOCKET MAILED

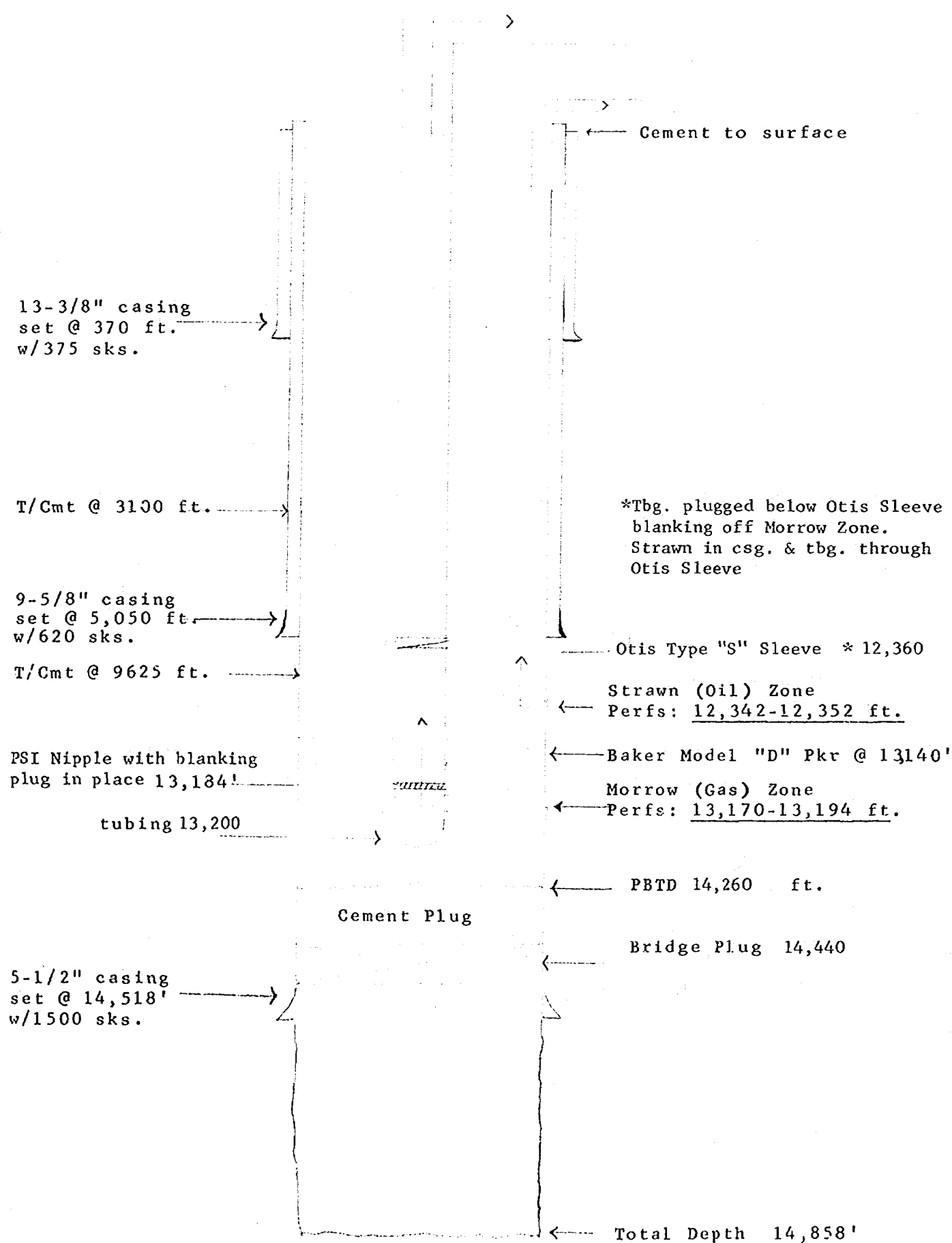
Date 12-20-65

DHD/d

DIAGRAMATIC SKETCH
MULTIPLE COMPLETION
L. R. FRENCH, JR.

Aztec Uncle No. 1

LOCATION: 1650' FWL & 660' FNL of Section 28, T-18-S,
R-33-E, Lea County, New Mexico



NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
APPLICATION FOR MULTIPLE COMPLETION

Form C-107
5-1-61

Case 3360

Operator L. R. French, Jr.		County Lea	Date December 13, 1965
Address 1204 ABC Bldg., Odessa, Texas		Lease Aztec Uncle	Well No. 1
Location of Well C	Unit 28	Township 18-S	Range 33-E

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES _____ NO XX
2. If answer is yes, identify one such instance: Order No. _____ ; Operator Lease, and Well No.: _____

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Strawn		Morrow
b. Top and Bottom of Pay Section (Perforations)	12,342' - 12,352'		13,170' - 13,194'
c. Type of production (Oil or Gas)	Oil		Gas
d. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing

4. The following are attached. (Please check YES or NO)

Yes	No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*
<input checked="" type="checkbox"/>	<input type="checkbox"/>	d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

Robert Enfield - Box 807, Roswell, New Mexico
Mobil Oil Company - Box 820, Roswell, New Mexico
Cities Service Oil Co. - Box 670, Roswell, New Mexico
Pan American Petroleum Corp. - Box 268, Lubbock, Texas
Aztec Oil Company - Hobbs, New Mexico
Frtiz Estill - Monahans, Texas
Hudson & Hudson - 1116 Vaughn Building, Midland, Texas

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES X NO _____. If answer is yes, give date of such notification December 13, 1965.

CERTIFICATE: I, the undersigned, state that I am the Production Supt. of the L. R. French, Jr. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

David H. Hammond
Signature

*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

L. R. FRENCH, JR.

AZTEC UNCLE NO. 1

LOCATION: 1650 feet FWL & 660 feet FNL of Section 28, T-18-S,
Range 33-E, Lea County, New Mexico

21

Cities Service

Robt. Enfield
Hudson & Hudson

Mobil

1650'

660'

L. R. French, Jr.

29 Mobil

28

Aztec Oil 27

Estill

Hudson & Hudson

Pan American

33

6-66 3360

NEW MEXICO OIL CONSERVATION COMMISSION
MULTI-POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 12-1-55

DEC 15 1965

Pool Undesignated			Formation Morrow			County Lea			
Initial X		Annual		Special		Date of Test 12-2-65			
Company L. R. French, Jr.			Lease Aztec Uncle			Well No. 1			
Unit 1	Sec. 28	Twp. 185	Range 33 E		Purchaser P. L.				
Casing 5 1/2	Wt. 20.00	I.D. 4.778	Set at 14,518		Perf. 13,170	To 13,194			
Tubing 2.375	Wt. 4.7	I.D. 1.995	Set at 13,200		Perf. None	To			
Gas Pay:	From 13,170	To 13,194	L. 13,182	G .635	GL 8371	Bar. Press. 13.2			
Producing Through:		Casing	Tubing X		Type Well - Single - Braden head - G.G. or G.O. Dual Dual				
Date of Completion 11-28-65		Packer 13,135		Reservoir Temp.					
OBSERVED DATA									
Tested Through:		Prover <input type="checkbox"/>	Choke <input type="checkbox"/>	Meter <input checked="" type="checkbox"/>	Type of Taps Flange				
FLOW DATA					TUBING DATA		CASING DATA		DURATION OF FLOW HR.
No.	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	
1	3.068	1.500	485	10	40	4416	60	6286*	76 hr. S.I.
2	3.068	1.500	485	25	62	3022	60	Pkr.	3
3	3.068	1.500	485	35	73	2012	62	Pkr.	3
4	3.068	1.500	485	55	70	1911	62	Pkr.	3
5						1430	64	Pkr.	3
FLOW CALCULATIONS									
No.	Coefficient (24 Hour)	$\sqrt{h_w p_1}$	Pressure psia	Flow Temp. Factor F _t	Gravity Factor F _g	Compress. Factor F _{pv}	Rate of Flow Q-MCF PD @ 15,025 psia		
1	14.36	70.58	498.2	1.0198	.9721	1.051	1056		
2	14.36	111.60	498.2	0.9981	.9721	1.045	1625		
3	14.36	132.05	498.2	0.9877	.9721	1.040	1894		
4	14.36	165.53	498.2	0.9905	.9721	1.042	2384		
5									
PRESSURE CALCULATIONS									
Gas Liquid Hydrocarbon Ratio 26.3 cf/bbl.			Specific Gravity Separator Gas .635						
Gravity of Liquid Hydrocarbons 52.0 deg.			Specific Gravity Flowing Fluid						
F _c (1-e^{-S})			P _c						
No.	P _w * BHP XX psia	P _t ²	F _c Q	(F _c Q) ²	(F _c Q) ² (1-e ^{-S})	P _w ²	P _c ² - P _w ²	Cal P _w	P P _c
1	4695					22043	14471		
2	3149					9916	29598		
3	2983					8898	30616		
4	2376					5645	33869		
XX	6286	Shut in bottom hole pressure				39514			

ABSOLUTE POTENTIAL: **2,800** MCFPD; n **1.000**

COMPANY **L. R. French, Jr.** WITNESSED *Steve Reyburn*

ADDRESS **1204 ABC Bank Bldg., Odessa, Texas** COMPANY **TOM HANSEN COMPANY, INC.**

AGENT AND TITLE **Steve Reyburn - Field Engineer**

Page 3360 (OVER)

* Pkr. prevented obtaining csg. pressures and well was still flowing mud & fluids. . .
Bottom Hole Pressure measurements were taken with an Amerada RPG-3 Pressure Gauge
at Mid Perf. These pressures are used on this test. Shut in Static Bottom Hole
Pressure was 6286 PSIA.



COMPANY L. R. French Jr. FIELD Undesignated
 LEASE Aztec Uncle WELL # 1 COUNTY Lea STATE New Mexico
 DATE 12/2/65 FORMATION Morrow

CHRONOLOGICAL DATA

Date	Time	Well Status	Elapsed Time Tbg. Hrs.-Min.	Tbg. Press.	Gas Volume MCF/D	Liquid Volume BPD	G. O. R. MCF/Ebl.	BHP @ R. D. 13,100'	BHP @ M. P. 13,182'
11-30-65	09:00	Shut well in	00 - 00						
12-2-65	09:00	Instr. in Lubr.	72 - 00	4416					
		Master valve trouble							
	13:00	Instr. on btm.	76 - 00	4416				7257	6271
	13:45	Opened on 6/64	00 - 00						
	14:15	Flowing 1st rate	00 - 30					5762	5776
	14:45	"	01 - 00	3800				5590	5604
	15:15	"	01 - 30	3101				5318	5332
	15:45	"	02 - 00	3022	1056	0		4666	4680
	15:45	Opened on 9/64	00 - 00						
	16:15	Flowing 2nd rate	00 - 30					4116	4130
	16:45	"	01 - 00	2380				3823	3837
	17:15	"	01 - 30	2060				3777	3791
	17:45	"	02 - 00	2012	1625	Mud		3120	3134
	17:45	Opened on 12/64	00 - 00						
	18:15	Flowing 3rd rate	00 - 30					3151	3165
	18:45	"	01 - 00	1850				2879	2893
	19:15	"	01 - 30	1900				2980	2994
	19:45	"	02 - 00	1911	1894	66.24	28.59	2954	2968
	19:45	Opened on 16/64	00 - 00						
	20:15	Flowing 4th rate	00 - 30					2853	2867
	20:45	"	01 - 00	1750				2631	2645
	21:15	"	01 - 30	1400				2298	2312
	21:45	"	02 - 00	1430	2384	99.36	23.99	2347	2361
	22:00	"	02 - 15	1497	2491			2414	2428
	22:00	Shut well in	00 - 00						
	22:10	Started off btm.	00 - 10	2100				3272	3286
	23:00	Left location							

Card 3360

COMPANY L. R. French, Jr.

LEASE Aztec Uncle WELL # 1

FIELD Undesignated COUNTY Lea

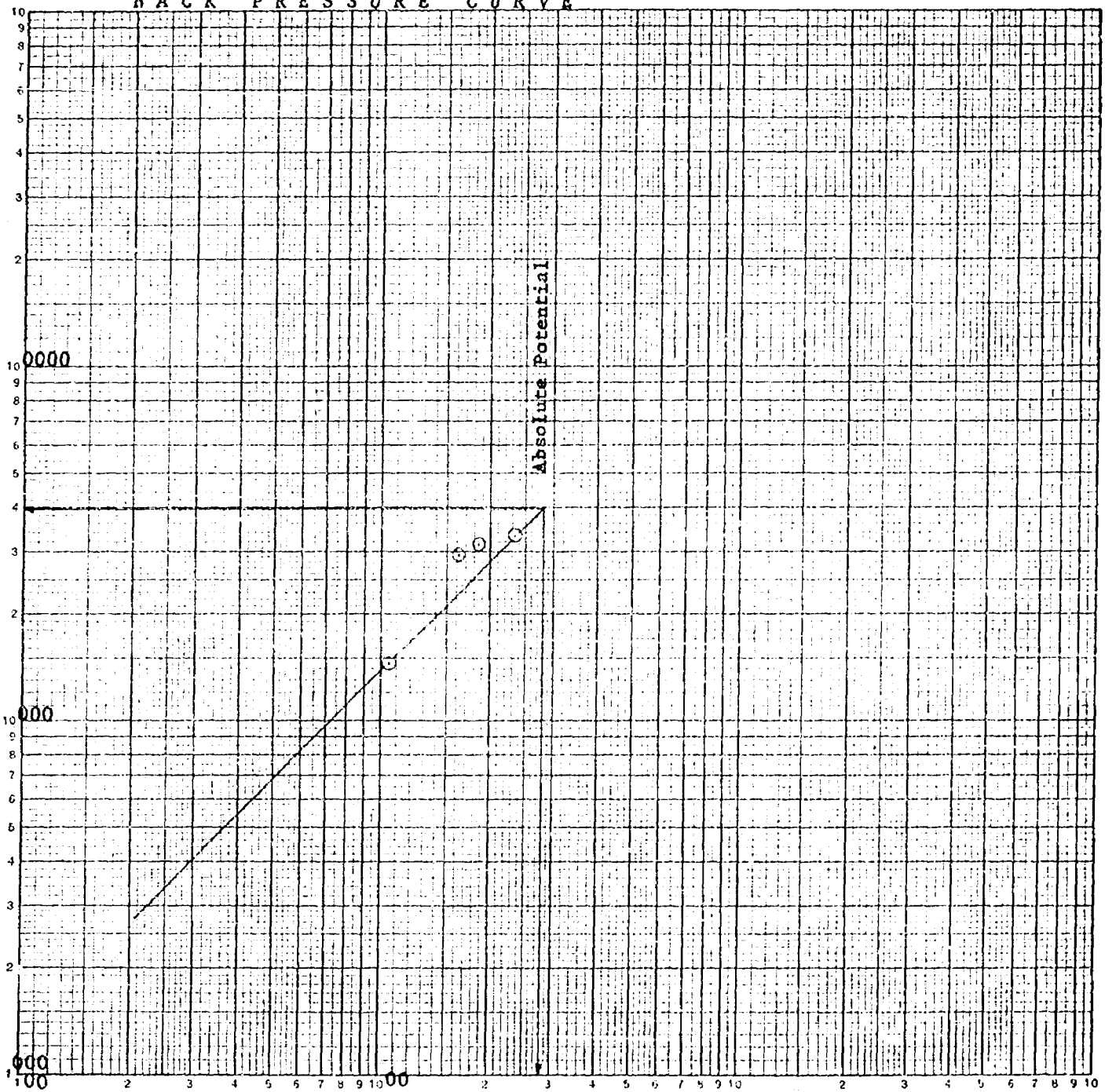
LOCATION 1-28-18S-33E STATE New Mexico

DATE 12-2-65

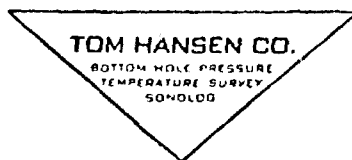
BACK PRESSURE CURVE

$P_f^2 - P_s^2$ (Thousands)

LOGARITHMIC 46 7402
3 X 3 CYCLES
MADE IN U.S.A.
NEUFFEL & ESSER CO.



Q: MCF/Day - 15.025 PSIA



INDIVIDUAL WELL DATA SHEET

Company L. R. French, Jr. Lease Aztec Uncle Well No. 1
 Field Undesignated County Lea State New Mexico
 Test Date 12-2-65 Time 13:00 Status of Well Shut in Shut In _____
 Top of Pay 13,170 Total Depth _____ Producing Formation Morrow
 Tubing 2 3/8 Depth 13,200 B.H.C. Otis sleeve @ 13,125 Packer 13,135 Pressure Datum Mid Perf.
 Casing 5 1/2 Depth 14,518 Perf. 13,170-94 Liner _____ Packer _____

	Depth Feet	Δ Depth	Pressure Lbs. Sq. In.	Δ Pressure	*Gradient Lbs./Ft.
Casing Press. Pkr.	20		4418		
Tubing Press. 4416 D. W. P.					
Top of Fluid - -	2500		4737		.129
Top of Water - -					
Hrs. Shut In 72 Flowing	5000		5085		.139
Temp. @ 13100 = 172 °F					
Elev.-D.F. Gr.	7500		5436		.140
Last Test Date NPT					
Press. Last Test	10,000		5787		.140
B.H.P. Change					
Gain-Loss/Day	12,500		6156		.148
Choke Size					
Oils Bbls/day R D 13,100			6257		.168
Water Bbls/day					
Total Bbls/day Mid Perf. 13,182			6271		(.168)
Orifice & Line					
Static & Differential					
Gas Sp. Gr.					
Cu. Ft./day					
GOR					
GFR					

PRODUCTIVITY INDEX - BBLs./DAY/LBS. DROP

Last Cumulative Production	Present Cumulative Production	Production Between Tests
Instrument Amerada 17992-N	Number RPG 3	BR
Run By Reyburn	Calibration No. 11 @ °F	Calculated By Reyburn

*Pressure and Gradients are calculated in decimals. Pressure and Δ pressure are shown to the nearest pound.

Calculations and Remarks:

dearnley-meier reporting services, inc.

SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTIONS

1120 SIMMS BLDG. • P. O. BOX 1092 • PHONE 243-4691 • ALBUQUERQUE, NEW MEXICO

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
January 5, 1966

EXAMINER HEARING

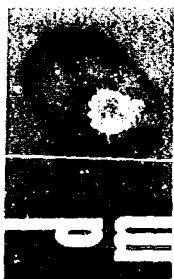
IN THE MATTER OF:

Application of L. R. French, Jr. for a
dual completion, Lea County, New Mexico.

Case No. 3360

BEFORE: Daniel S. Nutter, Examiner

TRANSCRIPT OF HEARING



MR. NUTTER: The hearing will come to order, please. For the information of anyone that might be interested, Case No. 3358, the application of General American Oil Company for a waterflood, won't be heard until after lunch. Case 3359, the application of Sinclair for several things won't be heard until later in the day, and we will call next Case 3360.

MR. DURRETT: Application of L. R. French, Jr. for a dual completion, Lea County, New Mexico.

If the Examiner please, I would like to state for the record that the Commission has received a letter from Mr. David H. Donaldson, Production Superintendent for L. R. French, Junior, requesting that this application be dismissed.

MR. NUTTER: Case 3360 will be dismissed.

dearnley-meier reporting service, inc.

SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COURT CONVENTIONS

1120 SIMMS BLDG. • P.O. BOX 1092 • PHONE 243-6691 • ALBUQUERQUE, NEW MEXICO
1213 FIRST NATIONAL BANK EAST • PHONE 256-1294 • ALBUQUERQUE, NEW MEXICO

STATE OF NEW MEXICO)
) ss
 COUNTY OF BERNALILLO)

I, ADA DEARNLEY, Notary Public in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Hearing before the New Mexico Oil Conservation Commission was reported by me; and that the same is a true and correct record of the said proceedings, to the best of my knowledge, skill and ability.

Witness my Hand and Seal this 12th day of January, 1966.

Ada Dearnley

NOTARY PUBLIC

My Commission Expires:

June 19, 1967.

I do hereby certify that the foregoing is
 a complete record of the proceedings in
 the Hearing of Case No. 3360
 made by me on 1/5 1966.

Ada Dearnley
 Notary Public, Executive
 for the Oil Conservation Commission