NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

chen

7-3-58

APPLICATION FOR DUAL COMPLETION

Field Name		County		Date	
United content P.C. & Elemen N.V. Operator Lease		Rio Arric	3	9-16-58 Well No.	
				well No.	
Hagnalia Potercius Con Location Unit	Section	Township		Range	
Location Unit of Well	92	261			
	pervation Commission heret		completion of a wel	l in these same pools or in the same	
zones within one mile of the			completion of a wea	and the same poors of in the same	
2. If answer is yes, identify one			erator, Lease, and W	Vell No.:	
Magnolia Potrolom Ca		, , ,			
3. The following facts are subm	ttad				
3. The following facts are subm	itted.	Upper Zone		Lower Zone	
g. Name of reservoir	Pictured C	liffa	Mean Ve	eria	
b. Top and Bottom of	0000 00-				
Pay Section	3009 - 100	1	5534 -	Top	
(Perforations)	3075 - 808	362	>> 707 ←	LIST GEORGE	
c. Type of production (Oil or	Gas) Cas		Ges		
d. Method of Production					
(Flowing or Artificial L	ift) Floring		Planin		
4. The following are attached.					
5. List all offset operators to the Honolulu Oil Cospes P. Proble Oil & Refining	e lease on which this well Dec. 1393, Mid Co., P. O. Box 16	is located together with the		as provided by Rule 112-A.) address.	
•					
<u>-</u>	em 5 above notified and fu	rnished a copy of this appl	lication? YES	NO If answer is yes, give date	
CERTIFICATE: I, the under				Hagnolia Potrolom	
under my supervision and directi	-	d therein are true, correct a	and complete to the		
			Myoung	ensture	
* Should waivers from all	offset operators not accom-		- •	l, the New Mexico Oil Conservation	
				Commission's Santa Fe office. If,	
· · · · · · · · · · · · · · · · · · ·				e, the application will then be processe proration unit in either or both of the	

producing zones, then separate application for approval of the same should be filed simultaneously with this application.

NEW MEXICO OIL CONSERVATION COMMISSION

PACKER LEAKAGE TEST (SAN JUAN BASIN)

Operator Magnolia Petroleum Company	Pool (U	pper Comple	tion) P1	ctured Cliff	's
Lease Jicarilla "D" Hell # 7	Pool (I	Lower Compl	etion) 🌇		
Location: Unit N ,S. 13 ,T. 268 ,	R. 34	, Rio Arrib	8	Cou	nty, N. Mex.
	Pre-Tes	t Shut-In			
		Upper Com	pletion	Lower Co	mpletion
Shut-in (date)		8-26-58	<u>, </u>	<u>8-26-58</u>	
Pressure Measured (Dwt.) (date)		9-2-58		9-2-5	<u> </u>
	Flow Tes	t No. 1			
Test commenced at (hour, date) 9:35 &	M 9-2-5	3		Choke siz	e 0.750"
Completion producing Measurerie		ompletion sh	ut-in P1	otured Cliff	's
		Upper Com	pletion	Lower Co	mpletion
Pressure at beginning of test		955	psig	1565	psi g
Maximum pressure during test		962	psi g	1565	psi 🕊
Minimum pressure during test	• • •	955	psig	260	psi g
Pressure at end of test	• 0 •	960	psig	260	psi g
Maximum pressure change during test.		y. 7	psig	- 1305	psig
	BOPD ba	sed on BO ir	1	•	hours.
Gas Flow rate during test:		,	3.6	,	ca
Choke volume	3241		Meter	volume	mcfd.
<u> </u>	Mid-Test				
		Upper Com	pletion	Lower Co	mpletion
Shut-in (date)		93-58		9-2-58	3
Pressure measured (Dwt) (date)		9-9-58		9-9-58	3
F	low Test	No. 2			
	100 A.M.		(Choke size	0.750#
Completion producing Pictured Cliff		Co			
<u> </u>		Upper Com	pletion	Lower Co	
Pressure at beginning of test		961	psi	1577	psi
Maximum pressure during test		961	psi	1579	psi
Minimum pressure during test		193	psi	1577	psi
Pressure at end of test		193	psi	1579	psi
Maximum pressure change during test.		- 768	psi	1 2	psi
	3OPD bas	sed on 🐞	ВО	in 💮	hrs.
Gas flow rate during test:					
Choke volume	2236	MCFD:	Meter vo	olume	mcfd.
				JOTH !	
Test performed by William (17	Visada	Title Jr. O.	a Engine	401 IV	FW
Witnessed by		Title		MEDITION	ED \
				SEP181	958
REMARKS:					j L
				OIL CON.	
				DIST.	
NOTE: Recording gauge pressure char	rts, test	data sheet, a	and a gra	aphic denic	on of all
phases of the test shall be submitted w	ith this r	eport.			
AFFIDAVIT:			1	Oil C	amuration
I HEREBY CERTIFY that a	II condit	ions prescrib	oea by th	ne Oil Cons	srvation lied with
Commission of the State of New Mexico and carried out in full, and that all dat	o for this	packer leak	age lest	were comp	1 attached
and carried out in full, and that all dat	es and la	CLS SEL TOFUL	THE PHILD	iorin and al	Laboration

(Representative of Company

material are true and correct.

For Magnolia Petroleum Gompany (Company Making Test)

INSTRUCTIONS

(NORTHWEST NEW MEXICO ONLY)

- 1. At least seventy-two hours prior to the commencement of this test, the operator shall have notified the Aztec Office of the Oil Conservation Commission in writing of the exact time said test is to be commenced.
- 2. The packer leakage test shall commence with both sides of the completion shut-in. Both sides of the completion must be shut-in at least seven days. This shut-in must show on the charts of the pressure recorder and also must appear on the data sheets.
- 3. For Flow Test No. 1, one side of the dual completion shall be produced with the other side shut-in. Such test shall be continued for seven days, and shall be at a rate of flow approximating the normal rate of flow for the zone being produced. Note: Where gas is flowed to the atmosphere in taking the initial packer test, the well shall be flowed for three hours.
- 4. Following the completion of flow test No. 1, the well will again be shut-in for seven days.
- 5. Flow Test No. 2 shall be performed with the previously shut-in side of the dual completion flowing and with the flowing side of the completion used in Flow Test No. 1, remaining shut-in. This test shall be conducted exactly as outlined under Flow Test No. 1, and must be performed even though no leak was indicated by Flow Test No. 1.
- 6. All pressures, throughout the entire test, must be continuously measured and recorded with recording pressure gauges.
- 7. The accuracy of the recording gauges shall be checked at regular intervals throughout the test with a dead weight test gauge (Dwt), and such readings shall be recorded on the test data sheet provided.
- 8. This form must be completed and filed in duplicate with the Aztec Office of the Oil Conservation Commission within 15 days following the completion of the testing, and must be accompanied by:
 - a. all of the charts, or copies thereof, used on the pressure recorders during the test.
 - b. The test data-sheet (s), or copies thereof, required under paragraph 7 above.
 - c. a graph depicting the pressures and their changes, for both sides of the completion over the entire test.
- 9. This packer leakage test shall be performed upon the dual completion of any new wells so approved by the Commission. This test shall also be required each year during the annual deliverability test on gas wells. This test shall be required until such time as the Commission has sufficient information on testing dual completions in San Juan Basin on which to base a simplified packer leakage test. The Commission may also request packer leakage tests at any time they feel that a new test is desirable.

FLEVETION: 7369 Ground Loral 303" - 10-3/4" (eg. set w/140 suche coment Perforated 7-5/07 -08. w/2 Shots our foot 3017 - W 3004 - 73 3230' - Ten of General 3370' - Top of Alamo 3607' - Top of Mirkland Truitland 3609' - Top of Mistored Cliffs 3675' - Bettom 2" Tables & Sep of Lewis year - Top of Mamor & Top of levert LOSS' - Bottom 7-5/8" Case ant w/17 Jacks Comment Perforates 5" Cher Jall' - loker local "" Treduction lawor 1/2 State Per cot 5558 - 72 Sik' - Dep of CLIFF truse 9930 - 62 6000 - 05 1557' - Top of Noreline :C11 - 15 5312 - LE SEP 1 8 1958 CIL CON. COM 1930' - Top of loint Locket 3 5985' - Top of Nameon Chi - Botton P Tobler

6136' - In and lack Total anti-

5175' - Total lepth and Section 5" Liner let w/225 lacks lesent

PACKER_SETTING AFFIDAVIT (Dual Completions)

STATE OF MEXICO	_)	
County of MI JUN)ss _)	
G. W. WALKER	_, being first duly sworn accordi	ing to law upon his
oath deposes and says:	, come illo daly bworn accord	ing oo raw, apon mr
That he is of lawful a set cut.	ige and has full knowledge of the	e facts herein below
That he is employed by	Magnelia Potroloum Company	_in the capacity
of Production Parenam	and as such is its authorized ag	gent.
That on August 17	, 19 58, he personally supervis	sed the setting of
a Baker Midel "D"	in Magnella Potrolous (
(Make and Type of Packer)	(Operator)	· S
Jicarilla "D"	Well No	, located in Unit
(lease)	, Township	
Rio ArribaCounty, New Mex		
	et at a subsurface depth of	S
said depth measurement having be	_	
That the purpose of se annular space between the two st prevent the commingling, within below the packer with fluids propacker was properly set and that seal off the annular space betwe such manner as that it prevented	the well-bore, of fluids produce duced from a stratum above the p it did, when set, effectively a en the two strings of pipe where	as set so as to ed from a stratum eacker. That this end absolutely e it was set in
	MONOLIA PETRILEU (Company	Particular Security of the Confession of the Con
	Alddullale (its Ag	(kg)
Subscribed and sworn to before m	Notary Public in and	Degian J
My Commission Expires 3. 7-	of skn	Harris

V			