NEW "XICO OIL CONSERVATION COMM" "ION Senta Fe, New Mexico

Form C-101 Revised (12/1/55)

NOTICE OF INTENTION TO DRILL

Notice must be given to the District Office of the Oil Conservation Commission and approval obtained before drilling or recompletion begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in QUINTUPLICATE. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission.

If State Land submit 6 Copies Attach Form C-128 in triplicate to first 3 copies of form C-101

The Pure Cil Company (Company or Operator) South Vacuum Unit (Lease) (Company or Operator) South Vacuum Unit (Lease) (Company or Operator) South Vacuum Unit (Lease) (Company or Operator) Nell No. 1-27, in. I (Unit) Cated. 1980. feet from the South line and 650 feet from the South Pacuum Devonism Pool, Lease Since of Section 27, T 18-S, R 35-E, NMPM. South Vacuum Devonism Pool, Lease If patented land the Oil and Gas Lease is No. E-1635. If patented land the owner is. We propose to drill well with drilling equipment as follows: Botary Tools We propose to drill well with drilling company Drilling Contractor Losse Urilling Company P. Q. Box 532 M N O P We intend to complete this well in the Devonian formation at an approximate depth of 11,800 CASING PROGRAM We propose to use the following strings of Casing and to cement them as indicated: Size of Hole Size of Casing Weight per Foot New or Second Hand Depth Sacks Cements 150 11-3/165 12-5 18-5 18-5 18-5 18-5 18-5 18-5 18-5 18			4Z788	(Place)			July 28, 195	7
You are hereby notified that it is our intention to commence the Drilling of a well to be known as The Pure Cil Company (Company or Operator) South Vacuum Unit (Lease) Cated 1980 feet from the South line and 560 feet from the East line of Section 27 T 18-S R 35-E NMPM. GIVE LOCATION FROM SECTION LINE) South Vacuum Devonism Pool, Lea NMPM. If State Land the Oil and Gas Lease is No. E-1635. If patented land the owner is. We propose to drill well with drilling equipment as follows: Hotary Tools We propose to drill well with drilling company L K J Q Drilling Contractor Lines Invilling Company P. Q. Box 532 M N O P We intend to complete this well in the Devonian formation at an approximate depth of 11,800 CASING PROGRAM We propose to use the following strings of Casing and to cement them as indicated: Size of Hole Size of Casing Weight per Foot New or Second Hand Depth Sacks Cements 150 11-3/165 125 18-5 28-5 38-5 38-5 38-5 38-5 38-5 38-5 38-5 3				MISSION				
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Seath Section 27								
GIVE LOCATION FROM SECTION LINE) Smath Vegues Devonism Pool, If State Land the Oil and Gas Lease is No. E-1635 If patented land the owner is. Address. We propose to drill well with drilling equipment as follows: Rotary Tools E F G H The status of plugging bond is 10,000 joint bond with Phillips Patroleus Company Drilling Contractor Lowe Brilling Company P. Q. Box 832 M N O P We intend to complete this well in the Devonian formation at an approximate depth of 11,800 CASING PROGRAM We propose to use the following strings of Casing and to cement them as indicated: Size of Hole Size of Casing Weight per Foot New or Second Hand Depth Sacks Cemese 158 11-3/hs 11-3/hs 124 H-10 Ref								
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	111*			8-5/8"	32# & 21# J-55	New	38001	2000 sy (2000)
7=7/8" 5=1/2" 20# & 17# N=80 New 11800: 500 ax.		/An				<u></u>		20020
					C-215-13-0	444	11000	

Name......The Pure Oil Company

Address P. O. Box 2107, Port Forth 1, To

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

Section A.					D	ate Ju	y 28, 19	59	
Quarator -	Pure oil Company		Leas	south	Vacuum Um	it	•		
Well No. 1.27	Unit Letter T	_Section_	27		Township		Range	35-E	NMPM
Located 1980	Feet From_	South Li	ne,	660	Feet		East		Line
County to	ing Formation	Elevation	III ad	Vise L	Pool Ser	Acreage th Wacom	LO Devent		_Acres
1. Is the Open	ing Formation_ rator the only ow	ner* in the	dedi	cated a	creage out	lined on	the plat	below?	,
Yes	No_ Y •								
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	wer to question t					nd their	respect:	ive inte	rests
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Section.B	<u></u>		7						
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	(See instruc	tions for c	omnlat	inn th	· ·		- NO.		

NEW MEXICO OIL CONSERVATION COMMISSION MISCELLANEOUS REPORTS ON WELLSOFFICE OCC

(Submit to appropriate District Office as per Commission Rule 1106)

1958 SEP 9 AM 10 59 COMPANY The Pure Cil Company - Box 671 - Midland, Texas (Address) WELL NO. 1-27 UNIT I S 27 T 18-8 R 35-8
9-1-59 POOL South Vaccount (Demonstra) LEASE South Vacuum Unit DATE WORK PERFORMED South Vacuum (Devonian) Results of Test of Casing Shut-off This is a Report of: (Check appropriate block) Remedial Work Beginning Drilling Operations Other Plugging Detailed account of work done, nature and quantity of materials used and results obtained. Spudded 17" hole 8-2-59, drilled to 459', ran 454' of 11-3/4' OD surface casing with cement guide shoe set at 454' SCF, elemented with 525 sacks regular neat cement, pumped plug to 412', maximum pressure 350%, had cement returns to surface. 24 hours WCC. Tested control equipment, casing and cement with 1000%, held 30 minutes CK. Drilled cement inside 11-3/4" casing 412' thru shoe at 454', 11" hole complete 8-10-59 at 3806', ran 3805' of 8-5/8" casing with fill-right fleat shoe set at 3805', float collar at 3739', cemented with 950 sacks Portland cement with one part stratacrete to two parts cement and 6% gel mixed and 200 sacks portland neat cement, pumped plug to 3739', maximum pressure 1200%, had cement returns to surface. 24 hours WCC. Tested casing and cement with 1000%, held 30 minutes OK. 9-4-59 drilling at 9885'. 84-24112 3-05 FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY Original Well Data: DF Elev. TD PBD Prod. Int. Compl Date
Tbng. Dia Tbng Depth Oil String Dia Oil String Depth Perf Interval (s) Producing Formation (s) Open Hole Interval RESULTS OF WORKOVER: BEFORE AFTER Date of Test Oil Production, bbls. per day Gas Production, Mcf per day Water Production, bbls. per day Gas-Oil Ratio, cu. ft. per bbl. Gas Well Potential, Mcf per day Witnessed by (Company) I hereby certify that the information given OIL CONSERVATION COMMISSION above is true and complete to the best of my knowledge. Name Title Position Chief Clerk Date Company The Pure Oil Company

Form C-103 (Revised 3-55)

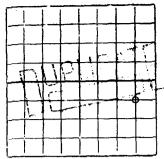
NEW MEXICO OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS 1888 677105 600

(Submit to appropriate District Office as per Commission Rule 1106)

KEE COT 13 M 9 41 COMPANY The Pure Oil Company - Box 671 - Midland, Texas (Address) T 18-3 LEASESouth Vacuum Unit WELL NO. 1-27 UNIT I S 27 R 35-B DATE WORK PERFORMED 9-4 to 10-13-59 POOL South Vacuum (Devonian) Results of Test of Casing Shut-off This is a Report of: (Check appropriate block) Remedial Work Beginning Drilling Operations Plugging x Other Final completion Detailed account of work done, nature and quantity of materials used and results obtained. Drilled to 11755. Cut core #1 11660'-670', #2 11670'-712', #3 11712'-755', IST #1 10640'10868' in the Mississippian. Ran electric logs. Ran 11754' of 5-1/2" OB essing, comented with 550 sacks of coment with 14 gals mixed, maximum pressure 1100#, 24 hours WOC. Tested easing and coment with 1000# for 30 minutes, held OK. Drilled coment inside 5-1/2" casing 11717' to 11736' (PBTD), temperature survey indicated top coment outside 5-1/2" casing at 7690'. Perforated 5-1/2" casing 11652'-659', 11663'-673', 11679'-682', 11687'-689', 11692'-700' and 11705'-713' with four jet shorts per foot. Ran TIW packer on 2" tubing to 11576', treated perforations with 500 cellans break dama and treated perforations with 500 gallons break down acid. FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY Original Well Data: DF Elev. TD PBD Prod. Int. Compl Date
Thing. Dia Thing Depth Oil String Dia Oil String Depth Perf Interval (s) Producing Formation (s) Open Hole Interval RESULTS OF WORKOVER: BEFORE AFTER Date of Test Oil Production, bbls. per day Gas Production, Mcf per day Water Production, bbls. per day Gas-Oil Ratio, cu. ft. per bbl. Gas Well Potential, Mcf per day Witnessed by (Company) I hereby certify that the information given OIL CONSERVATION COMMISSION my knowledge. above is true and complete to the best of Position Company

The Pure Oil Company



NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE.

If State Land submit 6 Copies

LOCA	ARBA 840 AC	RES	LY										
	Pure OL	L Com	any						South	Vacuun	unit .		••••
	1 201		any or Opera	,						300	(Lease)		
Well No	1-27	, in	NL										NMP1
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Well is1	980	fe	eet from	South		line	: and	. 6	60		eet from	East	ы
of Section	27		If St	ate Land t	he Oü s	nd Gas Lei	ae No.	is		E-163		***************************************	
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Include data	on rate of	water i	nflow and	elevation (to which	water rose	in hol	e.					
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No. 4, from.			************		to		•••••			feet.	******		***************************************
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8-5/8"	32#,	24#	New	3	8051	Larki	n Fil	Ri	ght Fl	oat Sh	08		
5-1/2"	20#,	17#	New	111	754!_	Baker		oren	tial e Shoe		Below	+	
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1 <u>2-1/4"</u> 11"	11-3/4 8-5/8		6541	<u>525</u> 1150		Pump a							
7-7/8"	5-1/2		80 <u>5'</u> 754'	550		Pump a							
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RECORD OF DRILL-STEM AND SPECIAL JTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USET

				10012	CSED				
Lotary too	ls were us	ed from		ect to 11,755	feet, ar	nd from	·······	feet to	feet.
lable tools	s were use	d from	f	ee: to	feet, ar	nd from	••••••	feet to	feet.
				PRODU	CTION				
_	ducing	Octob	er 13	19.59					
ut to Pro	ducing		······································	-				100	
OIL WEL	L: The	productio	n during the first 2	4 hours was	7•7	barr	els of liqu	aid of which 100	% was
	was	oil:	- %	was emulsion;	-	% water;	and	- % was sedi	ment. A.P.I.
	Grav	/ity			oil the	ru 16/6/	" chol	owding test of 224 ce)	
GAS WEI	L: The	productio	n during the first 2	4 hours was		M,C.F. plu	s	***************************************	barrels of
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Length of	Time Sh	ut in		***************************************	•				
PLEA	SE IND	ICATE B	ELOW FORMAT	ION TOPS (IN CO	FORMAN	CE WITH	GEOGR	APHICAL SECTION OF	STATE):
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. Salt				T. Silurian				Kirtland-Fruitland	
				•				Farmington	
		•	253.1					Pictured Cliffs	
			601	T. McKee				Menefee	
				T. Ellenburger				Point Lookout	
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				T. Granite				Dakota Morrison	
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				T Miss, (Ch	ester)	10.753	1. Т		
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0	450	450	Surf rock		10378	10500	122	Shale	
450	459	9	Redbeds & s	hells	10500	10582	82	Lime, sand & sha	1_
459	1537	1078	Redbed		10582	10600	18	Lime & sand	70
1537 1766	1766	229 71	Anhydrite	wedhed	10600	10692	92	Lime & shale	
1837	1837 2187	350	Anhydrite & Anhydrite &		10692	10715	23	Lime & chert	
2187	3025	838	Salt		10715	10723	107	Shale Lime & shale	
3025	3132	107	Anhydrite 8		10830	11261	431	Lime & chert	
3132	3335	203	Anhydrite &	gypsum	11261	11468	207	Lime & shale	
3335 3802	3802 3851	467	Lime & anhy	num & delomite	11798	11628	160	Shale	
3851	4245	394	Line		11628	11755	127	Lime & dolomite	
4245	6110	1865	Lime & sand	l	1	11755	1	TOTAL DEPTH	
6110	7211	1101	Line					10212 221	
7211 7920	8007	709	Lime, chert		1755	11736	19	PBTD (Top of cem	
8007	8085	78	Lime & cher					5-1/2" OD Casing)
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			ATT ACT CO	DADATE GUERRE	ADDIM	DIAT CT	OT	***************************************	
			ATTACH SE	PARATE SHEET IF	ADDITIC	MAL SPA	CE 18 N	EEDED	
I he	reby swear	r or affirm	that the informat	tion given herewith is	a complete	and correc	t record o	f the well and all work don	e on it so far
as can be	determine	ed from a	vailable records.						
						Octo	ber22	, 1959	(Date)

Company or Operator. The Pure Oil Company Address P. O. Box 2107, Fort Worth 1, Texas

Name J. L. Suttle Posit Title Chief Clerk

NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico

(Form C-104) Revised 7/1/57

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well Recompletion

This form draft be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-164 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

ojni pa	the stock ta	inks. Qas mus	t be reported on 1.	********	land, Texas (Place)	October :	17, 1959
VE ARE	HEREBY	REQUESTI	NG AN ALLOWA			S:	
ie rure	OIL COM	p any	South Vacuum	Unit	, Well No1-27	, inE	SE 1/4,
I	Company or C S	Operator)	T 18-S	35-E	MPM South Va	cuum (Devon	ian) Pool
Lea	Latter	CU		8_2_	Ko		70.7 fo
	/*************************************	.,	County. Detres	anddel	Total Depth Name of Frod.	Drilling Complet	FBTD 11736
Ple	ease indicate	e location:	Elevation	116521	lotal Depth	Devon	lan
D	C E	3 A	PRODUCING INTERV			. 01:11-	
- 1			T	र्तिर्दर्भ = 1171	31		
E	F G	H	Perforations	•	Depth , Casing Shoe	11754 De	th 115761
1					Casing Shoe	iu	ting
L	K J	I	OIL WELL TEST -	•			Choke
1		0			•		hrs, min Size
M	N O	P	Test After Acid	or Fracture Trea 224	tment (after recover	y of valume of a	il equal to volume of Choke 16/
				Db1s, 51	1,bb1s wa	ter inhrs	,min. Size
			GAS WELL TEST -	-			
							Choke Size
Sire	asing and ve	menting Recor			ressure, etc.):		
11-3/	4 454	525	1				Hours flowed
· · · · · ·		<u> </u>	CRORE Size	Method of ie	sting:		
8-5/	8 3805	1150	Acid or Fracture 500 gains and):	Treatment (Give	amounts of material	s used, such as a	scid, water, oil, and
5-1/	2 11754	550	sand):	Tubing 600#	Date first new	2 22 50	
			Press.	Press-New No	Date first new oil run to tanks exico l'ipe Line)-13-3y	
2	11576	-			roleum Company		
			- Gas Transporter_		TOTOM, Odnijani	/ 	
:marks:	***************************************	•••••				·····	
		•••••••	•••••			***************	
T ha-	ahı anıif.				amplete to the best	of much moudeds	
proved.	•	uiat uie mio	madon given 200 ~ 1050	ve is true and c	omplete to the best The Pure Oil	Company	
proved.	*****	007.1	g , (30 2 ,	13	2 CCO	mpany or Operato	1)/
C	DIL CONSI	ervation	COMMISSION	By:	W. E.	Jeunse	
					Chief Clerk	(Signature)	
- 4			EN DISTRICT	Titl	c	nications regard	ing well to:
tle		1			The Pure 011	_	
		se.		Nan	neBox 671	<i></i>	
				Add	Midland, Te	xes	

NEW M. ICO OIL CONSERVATION CO. IISSION Revised 7/1/55 SANTA FE, NEW MEXICO

ile the original and 4 copies with the appropriate district office NCS

Form C-110

Company or Operator The Pure Oil Compar	Y Lease South Vacuum Unit
Well No. 1-27 Unit Letter I S 27	T 185 R 35E Pool South Vacuum (Devonian)
County Lea Kind of Leas If well produces oil or condensate, give loc Authorized Transporter of Oil or Condensa Address Box 1510 - Midland, Texas (Give address to which approve Authorized Transporter of Gas Phillips I	se (State, Fed. or Patented) State sation of tanks: Unit G S 35 T 188 R 35E te Texas-New Mexico Pipe Line Company ed copy of this form is to be sent) Petroleum Company
Address Bartlesville, Oklahoma [Give address to which approve	Date Connecteded copy of this form is to be sent)
Reasons for Filing:(Please check proper bo	0x) New Well 10-13-59 (x)
	() Dry Gas () C'head () Condensate ()
Change in Ownership (Remarks:	(Give explanation below)
The undersigned certifies that the Rules an mission have been complied with. Executed this the 17th day of October	d Regulations of the Oil Conservation Com-
Approved191919	By N. E. Townsend Title Chief Clerk
OIL CONSERVATION COMMISSION	Company The Pure Oil Company
By Mily fill fills	Address Box 671
Fitle Engineer District	Midland, Texas

Mevised to change acreage dedication from 40 to 80 acres in accordance with MOCT Order No. R-1382-C, Case No. 16

MEXICO OIL CONSERVATION COMMISSION

Form C-128
Revised 5/* '57

Mell Location and Acreage Dedication Plat

Section A.						ptember 30,	1960
JUCI 4 CUL	The Pure Oil		_Lease	South Vac	enon Unit	All 9 52	
Well No. 1-2	27 Unit Lette	er I Section	27	Township		Range 35-8	NMPN Line
County	Les reet	From South Li G. L. Elevation	38831	Dedicated		80	Acres
Name of Produ	ucing Formation	on Devenian		Pool S c		m (Devonian)	
		oly owner* in the	dedicated	acreage out	lined on	the plat belo	ow?
Yes 2. If the a	No X	tion one is "no,"	have the i	interests of	all the	owners been	
consolid	ated by commu	nitization agreem	ent or othe	erwise? Yes	X No_	If answ	ver is
"yes," T	ype of Consol	idation Sta t	e Unit Agr	eement			
3. If the and below:	nswer to ques	tion two is "no,"	list all 1	the owners a	nd their	respective in	nterests
	Ownor			Land Descr	intion		
	Owner			rand besch	TOCTON		
					·	 	
			_				
Section.B							
	1		, (
	i		i			to certify th	
	i I		1			tion in Section	
	i		1			s true and compest of my kno	•
	i		1		and beli		
					The	Pure Oll Com	pany
			i	ļ	(0	perator)	
	i				21.6.	Lesone.	•
	l		i i		(Rep	resentative)	
	1				P.O. Box	k 2532 - Hobb	s, N.M.
						lddress	
	1	Į	1		This is	to certify th	nat the
			ij i	-27 ₀ 660'		ation shown o	
	1		1	1	-	Section B was	•
			ä			eld notes of a made by me on	
	İ		i		•	rvision and th	
				8		true and corn	
	}		i	6		of my knowle	edge and
	1				belief. Date Sur	rveyed_ 7-14	-59
	i		j				
						R. R. Reid	22
						ed_Profession and/or Land	
330 660 99	0 1320 1650 1980	2310 2640 2000	1500 1000	500 0	. 5	Texa	8
					Certific	ate No. 509	3
	(000 1	nstructions for c	ombreting 4	this form on	the reve	erse side)	

Form C-103 (Revised 3-55)

NEW MEXICO OIL CONSERVATION COMMISSION HIGHES OFFICE O. C. C. MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Bulg 1386 MM '61

COMPANY The Pure Oil Company - P.	0. Box 671 -	Midland, Texas	
(Add	ress)		
LEASE South Vacuum Unit WELL NO. 1	-27 UNIT I	s 27 T 1	8-S R 35-E-
DATE WORK PERFORMED May 1, 1964	POOL	Vacuum Devonian	South
This is a Report of: (Check appropriate b	lock)	Results of Test	of Casing Shut-off
Beginning Drilling Operations		Remedial Work	
Plugging	दि	Other current s	tatus
Flugging	لثا	Other current a	
Detailed account of work done, nature and	quantity of m	naterials used an	d results obtained
This well was temporarily abandoned July	y 1, 1 963.		
			oin coll
At the present time, there are no plans	to attemtp re	-completion of the	ils well.
			•
FILL IN BELOW FOR REMEDIAL WORK	PEPOPTS OF	JI V	· · · · · · · · · · · · · · · · · · ·
Original Well Data:	KEI OKID O	<u></u>	
-	Prod. Int.	Comp	l Date
			ng Depth
	il String Dia	Ou stru	ng Deptu
Perf Interval (s)			
Open Hole Interval Produc	ing Formation	ı (s)	
RESULTS OF WORKOVER:		BEFORE	AFTER
Date of Test			
Oil Production, bbls. per day			
Gas Production, Mcf per day			
Water Production, bbls. per day			
Gas Oil Ratio, cu. ft. per bbl.			
Gas Well Potential, Mcf per day			
Witnessed by			
		(Comp	oany)
OIL CONSERVATION COMMISSION		tify that the info	rmation given
OLD COMOLECTION COMMISSION		e and complete t	to the best of
Name /	my knowned Name	7/1/////////////	
Title Title	Position	District Office	
Date	Company	The Pure Oil o	

NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico

MISCELLANEOUS NOTICES OF THE OPEN DOOR

Submit this notice in TRIPLICATE to the District Office, Oil Conservation Commission, before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See addi-

tional instructions in the Rules and Regulation	ons of the Commission.		1503 600-	
	Indicate Nature of N	fotice by Checkin	g Below	
NOTICE OF INTENTION TO CHANGE PLANS	Notice of Intention Temporarily Abando	i to on Well	Notice of Intention to Drill Deeper	
Notice of Intention to Plug Well	Notice of Intention to Pluo Back	1	Notice of Intention to Set Liner	
Notice of Intention to Squeeze	Notice of Intention to Acidize	, x	Notice of Intention to Shoot (Nitro)	
Notice of Intention to Gun Perforate	Notice of Intention (Other)	٧	Notice of Intention (Other)	
OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO		Percas (Place)	راً (Date	1 y 9, 1°63
Gentlemen:		•	(3.3.1.	•
Following is a Notice of Intention to do	certain work as describ	and halow at the	The insection organi	7
(Company or Operator)		Lease	Well No	.in(Unit)
(Company or Operator) // // // // // Of Sec. (40-acre Subdivision)	T 10-	R CO NA	rpm sest Prossroads de	evonian Pool
(40-acre Subdivision)	,,			•••••••••••••••••••••••••••••••••••••••
Cou	nty.			
Perforate 1-1/2" cas in 12, with 100 gelloss regular ac				1-12,0251
Approved Except as follows:	19	Ву	The Part 11 compens	y
Approved OIL CONSERVATION COMMISSION	u.		itmint hyemintendent Send Communications regarding w	ell to:
By		Name no	: il orpany	*****
Title		Address	(171 - Milano, Pexas	

DISTRICT AND PIELD: Ladend (S. h Voores)

DATE LIMENS

- 5-3-63 Moved in, rigged up D.A.wi. pulling acti. Unsured packer--swabbed thg. down 56001. Pulled out held /Koos sig. pump w TIM Packer. Shut down over night.
- Figged up a ran Welex junk basket to 11,725 TD. san baker Retrievable Bridge Plug on wire line w/10 jts. tog. for weight to 11,642. Plug tight last 40. ken aug. perforeting junc a perforation 5% aug. from 11,634 to 11,630; 11,614 to 11,615; 11,615 to 11,605 to 11,605. 11,596 to 11,596; 11,577 to 11,590; w/2 shows per foot. Lan in hole w/2" tog. TTW packer w 11 to 12,590; aug. set sput and 2 11,630; packer & 11,532; w/3 jts. tog. 9% and there is son and toll school TTW packer. Packer benging free.
- Figged up Halliburton coin trook, loosed cole w/lance bil. Spotted 500 gals. Min acid over paris. From 11,577 to 11,630; w/400 // pressure on esg. Shut down. Set packer m/10,600 wt. Pacpet 1/2 bbl./min. 1000//, increased to 3/4 bbl./min w/press. Increased to 1200//, sint down. Let acid soak. Man. inject rate 5/1 min. January press. 2200//. Press. increasing—maintain injection 1/4, and m. press. increasing to 2700//. Increase rate to 1 EPM 2 3000// press. 5 ars. symboling. Swarbed load oil 2 swabbing water. Set / from 5000! fluid 2 1000 from surface. Could not lower fluid. Shut down 1/2 hr., floid rose 700! in hule. (45 bbls. oil flush)
- 5-6-63 Unsest TTM packer. Chacker behar bridge plog. Plug would not take weight or could not set plug. Lowered tog. 40°, started taking reight. Retrieved plug, pulled up hole intuck & 11,655°, would not go either way. Unlatched from plug. Palled out note w/teg. TIM packer & retrieving head. Ran Welex collar locator, encoued measurements & found plug & 11,655°. Man in hole w/baker retrievable oridge plug. TIM packer. Met bridge plug 10° above plug #1 & 11,645° w/3 jts. pipe below TIM packer. Tog. set & 11,600°. Set TIW packer & 11,500°. Shut now over hight.
- 5.7-63 5 hrs. swabbed to pit. Plaid swabbed down to 7,000. Droke thru, came up to 52000 while going in hole. Yams up to 31.00 while swabbing. Evidence of communications. Pulled out hole w/TTV & bridge plag. Preparing for cement squeeze job.
- 8-8-63 Ran in hole w/Halliberton RTTS square tool set a 11,560'. Loaded esg. w/1000# press. Pumped down tog. Max. Dd00w Ing. rate 2 BPM. Spotted 50 sxs. cement w/l% Halad 9. Pumped 8 bols. dement in formation w/4800w. Formation broke. Shut down 15 mins. Press. to 1000# moved 1/2 bol. press. 1000#. Waited 35 mins. Reversed 1/2 bol. excess cement out. Lowered RTT tool to 11,624' reversed tool cement out. Asised tool to 11,560' & set. Pressured up on back side w/500#. Shut down. Closed well in at 2:30 PM 5-8-63. W.O.G.
- 5-9-63 Swabbed 5 hrs. Swabbed thg. down to 10,100' Unseated Halliburton RTTS tool, tagged bottom, found 10' cement in $5\frac{1}{2}$ " esg. from 11,645-55'. Preparing to acidize.

- 5-10-63 Set & tested ATTO stal. Laustin thy. The Life Life Soo gals.

 MDA & 1000 yels. LEG The seid interpretability of the 11,577%. Pulled tool up to 11,550% where a moid on speciating presents, roke a 2900%. Started injecting MDA soid 2 1/2 DPM (\$400 yels.), has the calls. sock for 30 mins. Completed injecting MDA, into seaso injection mass for MY from 2900% to 4900%, injection rate 3.2 MPM, shut down mass. A500% 1 hr. 600%. Bled press. off tog. 3 hrs. swapped 12 bols. Took oil & acid & formation water. Very fine skim oil. Water comity from all perforations.
- 5-11-63 Unseated RITS tool. Raised to U.,264. Spouted 33 ses. cement. Reset tool & 11,364. Squared depont in formation max. press. 4000g. Displaced cement to 11,477. top cement play. Let set u3 mins. Unset tool. Loid down 370 jts. 11,550. 2-2/8 UD hus tog. a mulliburton RITS tool. Well plugged from 11,477 to 11,685. W/part of cement squared into formation thru perfs. from 11,577 to 11,634. Whiting on order to P & A.

NEW MEXICO OIL CONSERVATION COMMISSION FROM COC. Santa Fe, New Mexico

MISCELLANEOUS NOTICES 11 AN 10 28

Submit this notice in TRIPLICATE to the District Office, Oil Conservation Commission, before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

tional instructions in the Rules an	d Regula	tions of the Commission. Indicate Nature of N	iotice by Chec	king Be	low	
Notice of Intention to Change Plans		Notice of Intention Temporarily Abando			Notice of Intention to Drill Deeper	
Notice of Intention to Plug Well	ų	Notice of Intention to Plug Back	ı		Notice of Intention to Set Liner	
Notice of Intention to Squeeze	X	Notice of Intention to Acidize		X	Notice of Intention to Shoot (Nitro)	
Notice of Intention to Gun Perforate	<u> </u>	Notice of Intention (Other)			Notice of Intention (Other)	
OIL CONSERVATION COMM SANTA FE, NEW MEXICO	ISSION	l'idland,	Texas (Place)		ქე	ily 9, 1963
Gentlemen:						
Following is a Notice of Inte	ntion to c	lo certain work as describ	ed below at th	ie îhe	rure vil someny	······································
(Company	or Operate	OUT VACUUM	init		Well No. 1-27	in
(Company			R 35-	NMPM.	Lout Jacuum (Der	ronian) Poo
Lea	C	ounty.				
Squeeze Devonian per Perforate 5-1/2" cas 11,643' w/2,000 gall	11 11	, الاعراب to 11,590 والم	w/ou sho	521-11 ts. /	.,713' w/50 sacks o cidize perforation	cement. ns 11,590' to
ApprovedExcept as follows:		19	Ву	The 1	ure (il Company company of Operator	
Approved OIL CONSERVATION COMM	ISSION	7	Position	Send	ict Superintendent	well to:
Ву		*******************************	Name		ure Oil Company	***************************************
Title	<u></u>	1886 s. A. 18 a das de la consideración de la consequencia de la conse	Address	3 o x ∈	71 - Miland, Texa	S

Form C-103 (Revised 3-55)

NEW MEXICO OIL CONSERVATION COMMISSION MISCELLANEOUS REPORTS ON WELLS (Submit to appropriate District Office to per Commission Ful 1106) 2 EM 163

(Bubilité to approprieté District	OCC 3 3 17 AM 63
COMPANY The Pure Oil Company -	Box 671 - Midland, Texas
(Add	ress)
LEASE South Vacuum Unit WELL NO. 1	L-27 UNIT I S 27 T 18-8 R 35-E
DATE WORK PERFORMED July 1, 1963	FOOD vacation bevoited to the
This is a Report of: (Check appropriate b	olock) Results of Test of Casing Shut-off
	·
Beginning Drilling Operations	Remedial Work
Plugging	X Other Temp. Abnd. Well
Detailed account of work done nature and	d quantity of materials used and results obtained
Closed choke and valves. Well temporari. well from the proration schedule.	ly abandoned July 1, 1963. Please remove this
Head about the production bettermen	
FILL IN BELOW FOR REMEDIAL WORK	DEDOD'TE ONLY
Original Well Data:	REPORTS ONL!
	Prod. Int. Compl Date
	Oil String Dia Oil String Depth
Perf Interval (s)	
Open Hole Interval Produc	ing Formation (s)
D DOWN MG OF WORK OVER	
RESULTS OF WORKOVER:	BEFORE AFTER
Date of Test	
Oil Production, bbls. per-day	
Gas Production, Mcf per day	
Water Production, bbls. per day	
Gas Oil Ratio, cu. ft. per bbl.	
Gas Well Potential, Mcf per day	
Witnessed by	
	(Company) I hereby certify that the information given
OIL CONSERVATION COMMISSION	above is true and complete to the best of
Name of the self of the	my knowledge.
Title Justy M. (Rements	Name J. F. Wilkinson Position District Office Manager
Date	Position District Office Manager Company The Days Off Company

NEW MEXICO OIL CONSERVATION COMMISSION BES OFFICE O. C. C. MISCELLANEOUS NOTICES DEC 9 9 18 AM '63

Submit this notice in TRIPLICATE to the District Office, Oil Conservation Commission, before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

tional instructions in the Rules and Regulation	ons of the Commission. Indicate Nature of No.	otice by Che	cking Bel	0W		
Notice of Intention to Change Plans	Notice of Intention Temporarily Abando		x	Notice of Intention to Drill Deeper		
Notice of Intention to Plug Well	Notice of Intention to Plug Back			Notice of Intention to Set Liner		
Notice of Intention to Squeeze	Notice of Intention to Acidize			Notice of Intention to Shoot (Nitro)		
Notice of Intention to Gun Perforate	Notice of Intention (Other)			Notice of Intention (Other)		
OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO Gentlemen:		and, Tex	as	Decembe:	c 4, 1963	}
Following is a Notice of Intention to do	certain work as describe	ed below at	the	outh Vacuum Unit Le	ease	•••••
The Pure Oil Company	***************************************	***************************************		Well No. 1-27	in I	
NE 1/4 SE 1/4 of Sec. 27					South	iti Pool
Cou						
Close choke and valves, and	temporarily aba	andon we	11.			
ApprovedExcept as follows:	19	By	77-1	Pure Oil Company Company or Operator Litter J. F. F. Strict Office Manager		son
Approved OIL CONSERVATION COMMISSION Du Tel le	en e e E		Send	Communications regarding we	ell to:	••••••
Dy Cate	(~ C . C . C . C	Name	··	Pure Oil Company		
Title	******************************	Address	Box	671 - Midland, Texa	5	

Form C-103

NEW MEXICO OIL CONSERVATION COMMISSION (Revised 3-55) MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Fule 1106), 10 28

COMPANY The Jure wil Company (Add	- or /1 -	idea, 7ex	6 S	
· ·	·		_	
LEASE Cuth Vector init WELL NO. 1	1-27 UNIT 1	<u>s</u> 200	T 18-	R 35-L
DATE WORK PERFORMED	POOL	lough / cum	(Jevonian	.)
· · · · · · · · · · · · · · · · · · ·				
This is a Report of: (Check appropriate b	olock)	Results of T	est of Cas	sing Shut-off
Beginning Drilling Operations		Remedial W	ork	
Plugging		Other		
Detailed account of work done, nature and	d quantity of m	aterials us	ed and res	ults obtained.
Complete resume of workover attached.				
Complete States of Solitores and Solitores				
·				
FILL IN BELOW FOR REMEDIAL WORK	REPORTS ON	NLY		
Original Well Data:				
DF Elev. 38901 TD 11,7551PBD 11,730	61 Prod. Int.	C	ompl Date	e 10 -13- 59
Thong. Dia 2" Thong Depth 11,5501 C	Dil String Dia	5-1/2" Oil	String De	pth 11.7541
Perf Interval (s) 11,6521-591, 11,6631-73	1, 11,6751-821	11, & 71 - 55	11,0921	-11,700, 11,701
	ing Formation		nian	
RESULTS OF WORKOVER:	· · · · · · · · · · · · · · · · · · ·	BEFORE	. A	FTER
Date of Test		3 -2- 63	1	5 -1 0 -63
Oil Production, bbls. per day		4 20		
Gas Production, Mcf per day				Trace
Water Production, bbls. per day		275		
Gas-Oil Ratio, cu. ft. per bbl.		<u>4 Ca</u>		202
Gas Well Potential, Mcf per day			·	-
Witnessed by			-	
		((Company)	
OIL CONSERVATION COMMISSION	I hereby cer above is tru			
1 1/1/11/19	my knowled	_		
Name /////	Name	17.Wild	MAON	
Title		strict Iffic	ce <u>wazer</u>	
Date	Company <u></u>	me Pune Fil (Company	

NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico

MAY 28 ! OB PM '64

MISCELLANEOUS NOTICES

Submit this notice in TRIPLICATE to the District Office, Oil Conservation Commission, before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

TOTAL MISCIRCION IN THE THEORY	Indicate Nature of Notice by 6	hecking B	elow	
Notice of Intention to Change Plans	Notice of Intention to Temporarily Abandon Well		Notice of Intention to Drill Deeper	
Notice of Intention to Plug Well	Notice of Intention to Plug Back	x	Notice of Intention to Set Liner	
Notice of Intention to Squeeze	Notice of Intention to Acidize		Notice of Intention to Shoot (Nitro)	
Notice of Intention to Gun Perforate	Notice of Intention (Other)		Notice of Intention (Other)	
OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO	Midland, Texa	8	May 27,	1964
Gentlemen:			, "	
Following is a Notice of Intention to	o do certain work as described below a	it the		
The Pure Oil (Company South Va	cuum Ui	nitwell No. 1-27	I
(Company or Oper	ator)			(Unit)
(40-acre Subdivision) Lea	, T. 18-S , R 35-	L,NMPN	M.,Vacuum Devonian Sou	CR Pool
	•			
	ULL DETAILS OF PROPOSED OW INSTRUCTIONS IN THE RU		· · ·	
follows: Wolfcamp - 96' 8993', 9005'-9008', 901' and 2-3/8" OD tubing, se 9640'. Swab test Wolfcamp hole, set bridge plutest Lower Leonard. If	rforate Wolfcamp and Lowe 94'-9699', 9706'-9711' ar 9'-9024', and 9031'-9034' et bridge plug at approxi amp. Acidize Wolfcamp pe After sufficient testing g at approximately 9100' necessary, acidize Lower sibly using ball sealers,	nd 9749 Run mately erforat of Wo and pa	'-9756'; Lower Leonard - retrievable bridge plug 9820' and packer at apprions with 2000 to 3000 golfcamp, pull bridge plug cker at approximately 89 rd perforations with 200	8988' - , packer roximately allons and packe 60'. Swab
-JUN 1 15	54			
ApprovedExcept as follows:	19		The Pure Oil Company	•••••
2.50pt us 1010vs.	Ву	\mathcal{L}	7- Millius on	
	Position.	ת י	J. F. Wilkinson istrict Office Manager	
Approved OIL CONSERVATION COMMISSION		Sen	d Communications regarding well to:	:
Ву	Name	••••••	The Pure Oil Company	
Title	j. » Address	Bo	x 671 - Midland, Texas	

Form C-103 (Revised 3-55)

NEW MEXICO OIL CONSERVATION COMMISSION MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY The Pure Oil Company P. (Addr	0. Box 671	Midla	nd, Texas	79701
•	•			_
LEASE South Vacuum Unit WELL NO. 1	L-27 UNIT I	S 27	T 18-S	R 35-E
DATE WORK PERFORMED 7-21-64 8-18-64	POOL	Undesignat	ed	
This is a Report of: (Check appropriate b.	lock) R	lesults of Te	st of Cas	ing Shut-off
		lemedial Wo	le	
Beginning Drilling Operations		temediai wo	1 %	
Plugging	X	other Plu	g Back	
Detailed account of work done, nature and	quantity of m	aterials used	l and resu	ilts obtained.
See attached.				
FILL IN BELOW FOR REMEDIAL WORK	REPORTS ON	LY		
Original Well Data:				
DF Elev. TD PBD	Prod. Int.	Co	mpl Date	
	il String Dia		tring Dep	
Perf Interval (s)	<u></u>			
	ing Formation	(s)	·····	
Troduct	ing i ormanon	(0)		
RESULTS OF WORKOVER:		BEFORE	AF	TER
Date of Test			8-	18-64
Oil Production, bbls. per day			1	51
Gas Production, Mcf per day			1	29
Water Production, bbls. per day			2	
Gas-Oil Ratio, cu. ft. per bbl.			_ 8	54
Gas Well Potential, Mcf per day				-
Witnessed by				
			ompany)	
OIL CONSERVATION COMMISSION	I hereby cer			
	above is true my knowledg	,,	re rothe (est OT
Name	Name	Willemos	m J. F.	Wilkinson
Title The Manager Danger L	Position	District Off		
Date AU:	_	The Pure 0il		

MARSER OF COPIES RECEIVED					·····					
DISTRIBUTION		N!	FW MFX	ICO OIL	CONSER	V Δ T I	ON COM	SION	150	ORM C-110
SANTA FE		'''	- 11 IN - X					01011	1	
PILE		·		SANT	A FE, NE	EW ME	EXICO		((Rev. 7–60)
U.E.G.S. S.AND OFFICE		CEDTIEL	ATE)E (()	ADI IAN	CE	AND AII	THORIZAT	ION	
TRANSPORTER OIL									35 0. p. c	•
PRORATION OFFICE	——	j TO	TRAN	SPOR	IOILA	ND	NATURA	AL GAS	٠. ٢٠	' •
OPERATOR								Non 20 10 -	<u> </u>	
		FILE THE OR	IGINAL	AND 4 C	OPIES WIT	<u>H THI</u>	E APPROP	RILITEUOFFICE	iy Jil b	<u> </u>
Company or Operator							Lease			Well No.
The	Pure 0	il Company				- }	Sout	th Vacuum U	Jnit	1-27
Unit Letter Sect		ownship		Range			County			
I Sunt Better		18 - S		_	95 F			Too		
		10-0		<u> </u>	35-E	—г	Y: 1 ()	Lea		
Pool								se (State, Fed, Fe	ee)	
Undesignated		·	** * *					State	15	
If well produces oil		ate	Unit Lett			tion 	Township	^	Range	· ~
give location	of tanks			G	3		18-			-E
Authorized transporter of oil	or conde	ensate			Address (gi	ve ado	iress to whic	h approved copy o	of this form	is to be sent)
	.				י ס	0. 1	510			
m	7									
Texas - New M	exico i	ribe rime C	ompany		l wro	T9170	, Texas			
		Is Gas Ac	tually C	onnecte	d? Yes_		No_X			
					 			-	6.01: 6	
Authorized transporter of casin	g head gas	X or dry gas [Date necte	Con-	Address (gi	ve ada	tress to whic	h approved copy of	of this form	is to be sent)
i			necti	/	ļ					
Phillips Petr	oleum (Company	1/2 /	$L_{i}L_{i}^{\prime}$	1	Bart	lesvill	e, Oklahoma	a	
			Mar C	11						
If gas is not being sold, give re	easons and	also explain its p	resent dis	position:						
1										
Ì		REASO	N(S) FOR	FILING	(please ch	eck pr	roper box)			
New I	W-11				Change in	Owne	rehin		¬	
		porter (check one,			Other (exp	iain D	elow)			
Oi	1	···· [Dry C	as							
Ca	asing head	gas . [] Cond	ensate							
,										
İ										
]										
Remarks										
i										
1										
1										
The undersigned certifies th	at the Ru	les and Regulat	ions of th	e Oil Co	nservation	Comm	ission have	been complied	with.	
									•	
F.	ecuted thi	is the	_day of _	2/	• •		. 19			
	III				Ву					
OIL CONS	ERVATIO	N COMMISSION			"	$\overline{}$: 1 /	I.		
Approved by					1	/_}	-///////	lecton	·	(1.3) •
Approved by					Title	/	i www	win am	J. F.	Wilkinson
L. O					mue l					
						Di	strict (ffice Mana	ger	
Title $\mathcal{L}_{p_i, \mathcal{H}_{k-m_k}} = \mathcal{L}_{p_i}$					Company					
PhysiCi =mili	The • to				[
						7175	e Pure (il Company	,	
Date					Address	- 434	<u> </u>	Joinpully		
利托 克克 (3)					1	75	O D	4 7 1		
							O. Box dland 1		701	
					,	A170	nieno 1	DV26 7()		

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NEW SICO OIL CONSERVATION COMM ON Santa Fe, New Mexico

(Form C-104) Revised 7/1/57

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Cas must be reported on 15.025 psia at 60° Fahrenheit.

				Midland, Texas August 19, 1964 (Place)
WE AR	E HERI	EBY RE	QUESTI	NG AN ALLOWABLE FOR A WELL KNOWN AS:
The	Pure	Oil Co	mpany:	South Vacuum Unit , Well No. 1-27 , in NE 14 SE 14, (Lease) T 18-S , R 35-E , NMPM., Undesignated Pool
I	Latter	, Sec	2 7	T 18-S , R 35-E , NMPM., Undesignated Pool
Lea				County. Date Spudded 8-2-59 Date Drilling Completed 10-7-59
	Please inc			Elevation 3,885 SCF Total Depth 11,755 FETD 9,650
D	C	В	A	Top Oil/Gas Pay 8,988' Name of Frod. Form. Rone Springs
				PRODUCING INTERVAL -
E	F	G	H	Perforations 8,988 - 9,034 Depth Depth
1				Open Hole Casing Shoe 11,754! Tubing 8,927! OIL WELL TEST -
L	K	J	I	Choke Natural Prod. Test:bbls.oil,bbls water inhrs,min. Size
			0	Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of
M	N	0	P	Choke load oil used): 151 bbls.cil, 2 bbls water in <u>74</u> hrs, — min. Size <u>Pumpin</u>
				GAS WELL TEST -
				- Natural Prod. Test: MCF/Day; Hours flowed Choke Size
tubing	,Casing	and Cemer	ting Reco	Method of Testing (pitot, back pressure, etc.):
Siz	٠	Feet	Sax	Test After Acid or Fracture Treatment: MCF/Day; Hours flowed
11-	3/4	454	525	Choke Size Method of Testing:
		205	7350	Ac.d or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and
8-	5/8 38	805	115 0	sand): 5.000 Gallons 15% LINE Acid
5	1/2 117	754	55 0	Casing Tubing Date first new Fress. Press. 2,800# oil run to tanks July 30, 1964
	Ţ			Oil Transporter Texas - New Mexico Pipe Line Company
2	89	927	_=	Gas Transporter Phillips Petroleum Company
Remark				nally completed in the Devonian formation 10-13-59. The
	nev	vonian	was te	mporarily abandoned 7-1-63. This test is a result of the Bone Springs formation.
T L				ormation given above is true and complete to the best of my knowledge.
				The Pure Oil Company
		•		COMMISSION By: Thunden J. F. Wilkinson
_ <	-/			(Signature)
Ву:/.	, 	······································	•••••	Title District Office Manager Send Communications regarding well to:
Title	ingerial and a	•		Name The Pure Gil Company
				P. O. Box 671
				Acdress Midland, Texas 79701

	S RECEIVED	
	TRIBUTION	
BANTA FE		I
FILE		į.
U.S.G.3.		
LAND OFFICE		 1
YRANSPORTER	OIL	
THANSPORTER	643	1
PRORATION OFFI	CE	
OPERATOR		

NEW MEXICO OIL CONSERVATION CG... SANTA FE, NEW MEXICO

SION

FORM C-110 (Rev. 7-60)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION

TRANSPORTE	l	6 A 3				TC	TRA	NSPOR	T OIL AND	NATURAL GAS				
OPERATOR				L	1	FILE THE OF	RIGINAL	AND 4 C	OPIES WITH T	HE APPROPRIATE OFFICE				
Company	or O	perator								Lease		Well No.		
			The	Pure (Oil	Company				South Vacuum	Unit	1-27		
Unit Lett		I		Section 27	Tov	wnship 18-S		Range 3	35-E Lea					
Pool	So	uth \	/acu	ım–Bone	e Sp	rings			Kind of Lease (State, Fed, Fee) State					
	11			oil or con		te	Unit Let	tter G	Section 35	Township 18-S				
Authorize	Authorized transporter of oil x or condensate									ddress to which approved copy	of this form	is to be sent)		
Texas-New Mexico Pipe Line Company										O. Box 1510 Land, Texas				
						Is Gas Ad	tually	Connecte	d? Yes_X_	_No	h			
Authorize	ed tra	n sporte	er of ca	sing head	gas [X or dry gas	Dat nec	e Con- ted	Address (give a	ddress to which approved copy	of this form	is to be sent)		
	Ph	illi	ps Pe	etrole	um C	ompany	9-	1-64	Bartle	sville, Oklahoma				
If gas is	not l	eing so	old, giv	re reasons	and a	lso explain its	present di	sposition:						
			÷											
					···	REASO	N/S) FOI	R FILING	(please check	proper hor)				
			N	57 - 11							-			
						otter (check one		· [_]	Other (explain	nership				
						[_] Dry				·	mber 0	1964 from		
				Casing h	ead g	as . Cond	lensate		Filed per letter dated November 9, 1964, from the Oil Conservation Commission, placing this					
										the South Vacuum-Bo				
Remarks														
Nemark S	•													
The und	ersi	gned c	erti fi e	s that the	Rule	es and Regula	tions of	the Oil Co	nservation Com	mission have been complied	with.			
~				Execute	d this	the 16th	Lday of	N	ovember	, 19 <u>64</u> .				
		0	IL CO	NSERVA	TION	COMMISSION			Ву)				
Approved	by								4	7. Willens	ne			
			<u>`</u>		_				Title J.	F. Wilkinson strict Office Manag	or.			
Title		_ .							Company	serve orrive raile	, <u>u</u>			
		·							Th	e Pure Oil Company				
Date							<u></u>	 	Address	u Box 671				
			·	· · · · · · · · · · · · · · · · · · ·					1	dland, Texas 79701				

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NEW MEXICO OIL CONSERVATION COMMISSIO REQUEST FOR ALLOWABLE

Form C-104 Supersedes Old C-104 and C-110

	U.S.G.S. LAND OFFICE	AUTHORIZATION TO TRAI	AND NSPORT OIL AND NATURAL G	AS 1.7 2.7 2.7 3.65
	TRANSPORTER GAS		•	1 21 6 365
1.	OPERATOR PRORATION OFFICE Operator			~,
	Union Oil Company of Ca	difornia		
	P. O. Box 671 - Midland			
	Reason(s) for filing (Check proper box) New Well	Change in Transporter of:	Other (Please explain) Union Oil Compan	of California
	Recompletion Change in Ownership X	Otl Dry Gas	s uccessor by mer	ger, effective
	If change of ownership give name and address of previous owner	The Pure Oil Company - F	. O. Box 671 - Midland,	Texas, 79701
u.	DESCRIPTION OF WELL AND I	LEASE. Lease No. Well No. Foot Nam	ne, Including Formation	Kind of Lease
	South Vacuum Unit 27	E-1635 1 Vacuu	m Bone Springs South	State, Federal or Fee State
		80 Feet From The South Line	e and660 Feet From .	rhe East
	Line of Section 27 Tow	waship 18 South Range 35	East , NMPM,	Lea County
III.		TER OF OIL AND NATURAL GA		
	Name of Authorized Transporter of Oil Texas-New Mexico Pipe I Name of Authorized Transporter of Cas		P. O. Box 1510 - Mich appropriate Address (Give address to which appropriate Address (Give address (Give address (Give address (Give address (Give address (Give address (Give address (Give address	
	Phillips Petroleum Comp	any	Phillips Building - On Its was actually connected? Who	dessa. Texas. 79761
	If well produces oil or liquids, give location of tanks.	G 35 18-S 35-E	1 ,,	ertember 1, 1964
īV,	If this production is commingled wit COMPLETION DATA	th that from any other lease or pool,	give commingling order number: A	min. Order PC-233 Plug Back Same Res'v. Diff. Res'v.
	Designate Type of Completion			
	Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
	Elevations (DF, RKB, RT, GR, etc.;	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth
	Perforations			Depth Casing Shoe
		T	CEMENTING RECORD	
	HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
				,
v	TEST DATA AND DECLIFET FO	OP ALLOWARIE (Test must be as		and must be equal to or exceed top allow-
٠.	OII, WELL Date First New Oil Run To Tanks	able for this de	pth or be for full 24 hours) Producing Method (Flow, pump, gas II	
	Length of Test	Tubing Pressure	Casing Pressure	Choke Size
	Actual Prod. During Test	Oil-Bhis.	Water-Bbis.	Gan-MCF
	GAS WELL			
	Actual Prod. Test-MCF/D	Length of Test	Bbis. Condensate/MMCF	Gravity of Condensate
	Testing Method (pitot, back pr.)	Tubing Pressure	Casing Pressure	Choke Size
VI.	CERTIFICATE OF COMPLIANCE	CE		TION COMMISSION
	I hereby certify that the rules and r Commission have been complied w above is true and complete to the	with and that the information given		, 19
		` /	TITLE	
	(2111)	11km	11	compliance with RULE 1104.
	J. F. Wilkinson (Signal District Office Manager		well, this form must be accompa tests taken on the well in accor	
·	September 7, 1965		able on new and recompleted we	
	September / 1905		Fill out only Sections I, II well name or number, or transport	. III, and VI for changes of owner, en or other such change of condition.

Fill out only Sections I. II. III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

NO. OF COPIES RECEIVED	1	F C 100
		Form C-103 Supersedes Old
DISTRIBUTION	NEW MEXICO DIL CONSERVATION COMMISSION	C-102 and C-103
SANTA FE	NEW MEXICO OIL CONSERVATION COMMISSION	Effective 1-1-65
FILE		5a. Indicate Type of Lease
U.S.G.S.	-	State X Fee
LAND OFFICE	-	5, State Oil & Gas Lease No.
OPERATOR		l
CIND	W MOTIOTE AND DEPONTS ON WELL A	F-1635
	RY NOTICES AND REPORTS ON WELLS OPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. FION FOR PERMIT - P (FORM C-101) FOR SUCH PROPOSALS.)	
OIL X GAS WELL	OTHER-	7. Unit Agreement Name
2. Name of Operator		8. Farm or Lease Name/
Union Oil Company of	California	South Vacuum Bone Spring
3. Address of Operator		9. Well No.
P. O. Box 671 Mid	lland. Texas 79701	1
4. Location of Well		10. Field and Pool, or Wildcat
UNIT LETTER	180 FEET FROM THE South LINE AND 660 FEET FROM	South Vacuum Bone Spring
1		
THE East LINE, SECT	ION 27 YOWNSHIP 18-S RANGE 35-E, NMPM.	
mmmmmm	Is Flander (Slave Led - DF BT CB - et)	
	15. Elevation (Show whether DF, RT, GR, etc.)	12. County
dininininininininininininininininininin	3885' SCF	Lea ()()()
Check	Appropriate Box To Indicate Nature of Notice, Report or Oth	er Data
NOTICE OF I	NTENTION TO: SUBSEQUENT	REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON X REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON	COMMENCE DRILLING OPHS.	PLUG AND ABANDONMENT
PULL OR ALTER CASING	CHANGE PLANS CASING TEST AND CEMENT JQB	
	OTHER	
OTHER		
17. Describe Proposed or Completed C	perations (Clearly state all pertinent details, and give pertinent dates, including	astimated data of starting any property
work) SEE RULE 1 fos.	personal forms, event are positioned accounts, this give personal dates, including	estimated date of starting any proposed
	oval obtained from Mr. L. A. Clements on proposed	pl gring operations
as follows:		
50 sx 9200-88001	to cover perforations at 8988-9034'	
35 sx at 5-1/2"	casing stub.	
35 sx at top of	Delaware, if above $5\frac{1}{2}$ n casing stub.	
35 sx at top of	San Andres, if above the stub.	
	t of $8-5/8$ " casing shoe at 3805 .	
15 sx 30' to Sur	face.	
Install abandonment	marker, as per M.M.O.C.C. Rules and Regulations.	
18. I hereby certify that the information	above is true and complete to the best of my knowledge and belief.	
1 21		
SIGNED THE THE LA	J.R. Gray Title District Drill ng Supt.	DATE 10-26-70
	The Province Division	UATE 10-60-10
1100	(A)	
APPROVED BY	State of the state	NATIONAL PROPERTY.
CONDITIONS OF APPROVAL, IF AN	The state of the s	UAT#
TIME OF APPROVAC, IF AND		
./		

]	
NO. OF COPIES RECEIVED	-	Form C-103 Supersedes Old
DISTRIBUTION	4	C-102 and C-103
SANTAFE	NEW MEXICO OIL CONSERVATION COMMISSION	Effective 1-1-65
FILE	: 1	*************************************
U.S.G.S.		5a. Indicate Type of Lease
LAND OFFICE	1	State Fee
OPERATOR		5. State Oil & Gas Lease No.
		E-1635
SUND DO NOT USE THIS FORM FOR PR USE "APPLICA	RY NOTICES AND REPORTS ON WELLS OPOSALS TO DRILL OR TO DEEPEN ON PLUG BACK TO A DIFFERENT RESERVOIR. TION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)	
OIL GAS WELL	OTHER-	7. Unit Agreement Name
2. Name of Operator		8. Form or Lease Naude
Union Cil Company of C	lali fornia	South Vacuum Bone Spring
3. Address of Operator	A LITOTATE	9. Well No.
P O You 677 Midle	and, Texas 79701	1
P. O. Hox 671 Midla 4. Location of Well	illu, lexas 17101	10. Field and Pool, or Wildcat
1	180 Sauth 660	
UNIT LETTER	180 FEET FROM THE South LINE AND 660 FEET	South Vacuum Bone Spring
THE East LINE, SECT	10N 27 TOWNSHIP 19-S RANGE 35-E	NMPM.
mmmmmmm		
	15. Elevation (Show whether DF, RT, GR, etc.)	12. County
ÖHHIIIIIIIIII	3885' SCF	Lea
16. Check	Appropriate Box To Indicate Nature of Notice, Report of	r Other Data
		UENT REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON REMEDIAL WORK]
<u> </u>		ALTERING CASING
TEMPORARILY ABANDON	COMMENCE DRILLING OPNS.	PLUG AND ABANDONMENT
PULL OR ALTER CASING	CHANGE PLANS CASING TEST AND CEMENT JQB	
	OTHER	
OTHER		
17. Describe Proposed or Completed C	operations (Clearly state all pertinent details, and give pertinent dates, inc	Juding estimated date of starting any proposed
work) SEE RULE 1103.	, , , , , , , , , , , , , , , , , , , ,	satisfy commerce and of starting any propriate
Cement plugs as follo	ows:	
73 //2 / CO 0000	Opposition of the contract of	
Plug #1 50 sx. 9200	-8770' to cover perforations @ 8988-9034'	
	-4650' to cover cut in 5-1/2" casing @ 5022'	
#3 70 sx. 4028-	-3558' in 5-1/2" c sing. 8-5/8" shoe @ 3805'	,
w/5-1/2" cas	sing cut off @ 3790'	
#4 15 sx. 70'	to Surface in 8-5/8" casing	
Installed abandonment	t marker and left well F. 2 A. $10/30/70$.	
18. I hereby certify that the informatio	n above is true and complete to the best of my knowledge and belief.	
11	The state of the s	
5 11 116		
	I D. Omore District Collins	11 0 20
SIGNED THE MANY	J.R. Gray TITLE District Orilling Supt	• DATE 11-2-70
SIGNED John Kleiny	J.R. Gray TITLE District Smilling Supt	• DATE 11-2-70
SIGNED JEHRAMING	2	
APPROVED BY John W.	J.R. Gray TITLE District Brilling Supt	. DATE 11-2-70

COUNTY	LEA	FIELDVa	cuum, South	SŤ.	- N.M.	OWWO
OPR THE P	URE OIL	COMPANY	~~~~		M.A	\P
1-27	South	Vacuum Un	it			
Sec.	27. T-1	8-S. R-35	-E		co-o	RD
1980'	fr S L	ine & 660	fr E Line	of Sec.		<u> </u>
Re-Sp	ud 7-21	-64		CLASS	owef	L78992
Re-Co	omp 7-30	- 64	FORMATION	DATUM	FORMATION	DATUM
CSG & SX - TU	BING	Į				<u> </u>
11 3/4"	4541	525				
8 5/8''	3805'	1150				T
5 1/2" 1	1754'	550				
		1				
LOGS EL GE	RA IND	HC A				
			TD 11755'.	PBD 9650	1	

IP Bone Spring Perfs 8988-9034' Pmpd 151 BOPD + 2 BW. Pot. Based on 24 hr test, gravity 36.8, GOR 854.

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CONT. PROP DEPTH TYPE

DATE

F.R.C. 9-17-64; OWWO, OTD 11755'.
Orig. comp in Devonian (11652-11713') & Temp.
Abd. 7-1-63.
9-14-64 TD 11755', PBD 9650', COMPLETED.
Perf (Wolfcamp) 9694-99', 9706-11', 9749-56'
W/1 SPF
Perf (Bone Spring) 8988-93', 9005-08', 9019-24',
9031-34' W/1 SPF
Ac. 4000 gals. (9694-9756')
Swbd & Tstd 9694-9756'; Will not attempt
completion of Wolfcamp at this time.
Ac. 5000 gals. (8988-9034')
Set Packer @ 9650'.

CONTINUED VACUUM BLINEBRY						9							AGE 398
ALLES T R JAN	FE3	MAR	APR I L		JUNE	JUL Y	AUG	S521 	7CT ====================================	.======= .1UA			ACCU1
9912617834E DIL 589 GAS 7130 WAT 59	549 6941 55	650 6797 65 S	7428 802	7154 55	6756 .	5586 47	7245 44	321 5305 28	373 2642 25	2130	317 2057 38	5792P 69171 555	71550
11F2517S34E CIL 86	89	. S		•				68 431 782	69 315 662 635	174 300	95	531P 1295 2772	37316
13E2517534E 01L 475 GAS 277	312 489 241 533	1024 147	1083	1221 174	585 1181 146	587 1087 147	1796 172	616		537 88	234 632 282 63	6735P 7492 6070	90782
GAS WAT 245 13E2517534E 0IL 475 GAS 277 WAT 572 32C2517534E 0IL ZONE ABAI 36D2517534E 0IL ZONE ABAI 173	NDONED 178		166	208 360	176 349 59	176 321 59	207 324	2028 203 754 59	1905 191	17 436	190 331 32	2493P 5226 749	35339 49953
STATE I WAT 70	89	156 392 54 5	199 320 66	69			.69		155	92 156		749 2172P	26510
	188 2368	157 3420	211 2873 2759	161 2818 2207	205 2495 1884	191 2422 1945	186 2476 2004	160 2093 1782	3603	3426	147 3571 2021	34203	527263
COMPANY TOTAL OIL 2185 GAS 13360 WAT 1103	2097 12665 1136	13737 439	2758 14003 526	13767 443	1884 12872 365	11145 11145 379	2004 13384 402	1782 12172 3214	1834 7432 3127	1676 7011 1106	7512 831	24634 139063 13071	32.233
SHELL OIL CCMPANY SWIGART 212517S34E OIL R	ECOMPLET	ED TO VA	******** CUUM GLOI	******* Rieta	*******	*****	*******	******			•		3509
			******		******	*****	*******	*****	,				
TEXACO INCORPORATED (BUCKE NEW MEXICO O STATE NOT I 1433617534E OIL 1533617534E OIL 16M3617534E OIL 16M3617534E OIL 1234	36 982	44	. 30	. 35	34	34	54	46				355P	23168 1853 43409
WAT	982	1086	1018 15	993 18	34 53 16	45 17	42 27	46 62 23				5515 116 P	11444
1963617834E ÖÏL 2063617834E CIL 2163617834E CIL 84 2163617834E CIL 84 723	52 576	590 88	516	503	67. 52 66	67 44 68	98 41 100	68 61 69	200 66 603	185 54 180		998P 3226 1472	11444 18016 21436
21G3617S34E CIL 84 GAS 723 GAS 723 122M3617S34E GIL 42 22M3617S34E GAS 91	71 36 72 52		516 10 75 45 667 105	66 10 73 552 652 126			-	.,	803	180		1472 98P 311 501P	23311 23592
GAS 713	569 106	752 130	667	652 126	810 117	692 119	54 633 126	69 627 161				6115 1114	23392
NEW MEXICO O STÂTE 502517534E OIL 602517534E OIL 802517534E OIL		•										P S S	27620 15513 8585
COMPANY TOTAL CIL 230 GAS 2761 WAT 236	2 176 2 199 177	2428 2428 218	133 2276 169	2221 2221 210	152 915 199	152 781 204	206 716 253	183 750 253	200	185 54 190		1952	217967
VACUUM BONE SPRINGS, SOUTH		218 85	- 169 8M T(199	204	253	253	603	180		15167 2702	
**********************	# 80 4 4 4 4 H.	*****		******	*******	******	******	****					
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SOUTHEASTERN NEW MEXICO

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- PATENT FEDERAL
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- COMMUNITIZATION

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ABBREVIATIONS IN METHOD OF PRODUCTION COLUMN

A	APANDONED,	CONVERTED,	ETC.	T	TEMPORARILY	ABANDONED
D	DEAD			X	PERMANENTLY	ABANDONED
F	FLOWING		1	N	NOT CONNECT	ΞD
G	GAS LIFT			P	PUMPING	
I	INPUT		`,	S	SHUT IN	

ABBREVIATIONS IN TYPE OF PRODUCTION COLUMN

- * OIL OR DISTILLATE PRODUCTION
- G DRY GAS OR CASINGHEAD GAS PRODUCTION
- W WATER PRODUCTION