					N. S. C.	
COUNTY	LEA	FIELD C	rossroads	STATE NM	AP: 30-0	25-24284
OPR	MOBIL	OIL CORP.			SERIAL	
NO	12	LEASE Santa Fe	Pacific		MAP	,
	Sec 26	, T-9-S, R-36-E			CO-ORD	
	2310'	FSL, 330' FWL o	f Sec		ELEV DI	L& S
				CLASS	GL	
SPD 1	1-27-72	CMP 2-3-73	FORMATIO	MUTAC NI	FORMATION	DATUM
9 5/	/8" at 8" at 5	360' w/400 sx 000' w/2400 sx 0-12,119' w/1800	sx			
LOGS	EL GR	RA IND HC A	то 12,		рво 12,1	
-		n) Perfs 12,076				

CONTR Marcum OPRS ELEV4029 GL PD 12,200' TYPE RT

FR 11-6-72 (Devonian) Drlg. 4278' dolo 12-4-72 Drlg. 5376' 1m 12-11-72 Drlg. 8192' lm & sh 12-18-72 1-2-73 Drlg. 10,811' lm & sh Drlg. 11,552' lm & sh 1-8-73 1-15-73 Drlg. 12,090' sh TD 12,120'; WO Comp 1-22-73 1-29-73 TD 12,120'; Drlg Cmt TD 12,120'; PBD 12,119'; Tstg 2-5-73 Perf 12,076-082', 12,090-102' w/1 SPF Acid (12,076-102') 500 gals Flwd 296 BO + 10 BAW in 9 hrs 30 mins thru 18/64" chk, TP 310# TD 12,120'; PBD 12,119'; COMPLETE `-12-73 2-17-73 COMPLETION REPORTED

BEFORE EXAMINER STOCKUR
OLL CONCERVATION DIVISION
OLD EXHIBIT NO. 1K.

CASE NO. 140

To . SantaFe Pacific Railroad Co

550 W Texas, Suite 1330 Midland, TX 79701



From

Donna Pitzer	5/14/96
DOIMA FILZEI)/ 14/ 70

Energy & Minerals Department

OIL CONSERVATION DIVISION P O Box 1980 Hobbs NM 88241

Telephone Number (505) 393-6161						
☐ For Your Files	☐ Prepare a Reply for My Signature					
XX For Your Review and Return	☐ For Your Information					
☐ For Your Handling	☐ For Your Approval					
☐ As Per Your Request	₩ For Your Signature					
☐ Please Advise	☐ For Your Attention					

We are returning these C-104 for change of operator. Someone in your office needs to Sign in BOX 47. Also in reviewing our computer system, your company is not listed and show no bond for these wells. If you have any question on this, please call the number above. Thank you Donna.

District I PO Box 1980, Hobbs, NM 88241-1980 State of New Mexico Energy, Minerals & Natural Resources Department

Form C-104 Revised October 18, 1994 Instructions on back Submit to Appropriate District Office

District II

811 South First, Artesia, NM 88210

014726 Meteor Developments, Inc.

District III

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

5 Copies

1000 Rio Brazos District IV	Rd., Aztec,	NM 87410		Santa	Fe, N	M 87.	505] AMI	ENDED REPORT
1940 South Pack	eco, Santa I Ri	Fe, NM 87505 EQUEST	FOR A	LLOWAB	LE AN	D AU	THORI	ZATI	ON TO TR			
			ailroad	ne and Address Company						' OGR	ID Numb	per .
			te 1330						3	Reason (or Filing	Code
Mla	land, I	X 79701								CH	9-11-	95
, v	PI Number		····		, b	ool Name	· · · · · · · · · · · · · · · · · · ·		<u></u>			Pool Code
30 - 0			Crossi	oads Sil							13490	
	operty Code					perty Na	me					Veli Number
0078		Y ===4i==		a Fe Pac	ific						01	. 2
II. 10 S	Section	Location Township	Range	Lot.ldn	Feet from	the	North/Sou	oth Line	Feet from the	East/W	est line	County
L	26	09S	36E		2310		S		330	W		Lea
11]	Bottom 1	Hole Loc	cation		·		<u>. </u>					A
UL or lot no.	Section	Township	Range	Lot Idn	Feet from	the	North/So	wth line	Feet from the	East/V	est line	County
												<u> </u>
12 Lse Code	13 Produci	ng Method C	ode ¹⁴ Gas	Connection Date	e " C-1	129 Perm	k Number	'	C-129 Effective	Date	" C.	129 Expiration Date
	1.0	T		· · · · · · · · · · · · · · · · · · ·	l			. L			i	
III. Oil a			Transporter	Name		» PO	D	21 O/G	<u> </u>	POD U	LSTR L	ocation
OGRID			and Addres							and	Descripti	
015126		_	peline C	o.	1	91921	0	0	I 22 09S 36E		C.	
	P. Da	0. Box allas, T	2080 rx 75 0 21	-2080					Mobil L	ease	011	
024650	Wa	arren Pe	Petroleum Company			91923	0	G	I 22 09S 36E			
02 1030		.O. Box ılsa, Ok	x 1588						Mobil Lease Gas			•
	1	1154, 01										
***	S1000 (S1000)						ET ET REPT, EXE	e e cuto succ				
								Z				
								-				
	uced Wa	ater										
191925	POD	_T	22 NGS 3	6E Lea (POD UI	STR Locat Mobil	tion and I Leas	D escription e Water			
L				on nea		· · · · · ·						
	d Date	tion Data	Ready Date		" TD		* PB	TD	» Perfect	tions	-1	» DHC, DC,MC
•		ļ	•									
	31 Hole Size		22 (Casing & Tubin	g Size		33	Depth S	et		³⁴ Sad	cks Cement
									1			
VI. Well	Test Da	ata										* 1. W
35 Date 1	iew Oil	» Gas I	Delivery Date	" Te	st Date		" Test Le	ngth	" Tbg. F	resoure		" Cag. Pressure
41 Chol	G:		41								_ _	
Choi	te Size]	42 Oil	- V	Vater	1	⁴⁴ Gas		* A	OF	1.	4 Test Method
47 I hereby cert	ify that the n	ules of the Oil	Conservation I	Division have bee	n complied							··
with and that the knowledge and	he informatio	n given above	is true and con	nplete to the best	of my		0	IL CC	ONSERVAT	NOL	DIVI	SION
Signature:						Approv	ed by:			2		
Printed name:	 			·		Title:						
Title:	<u></u>					 	al Date:			<u>-</u>		· ·
Date:			Phone:				 -					
	change of or	perator fill in		omber and name	e of the nr-	rlove one	rator					
		R	Sto		Dr	NNI		1.54	HAL C	Sec/	TREE	75. 5.8 9C
	Previous	Operator Sign	nature		- ta		ted Name				Title	Date

Submit 5 Copies
Appropriate District Office
DISTRICT J
P.O. Box 1980, Hobbs, NM \$2240

DISTRICT II P.O. Drawer DD, Anesia, NM \$8210

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-104 Revised 1-1-89 See Instructions

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT III 1000 Rio Brazos Rd., Aziec, NM 87410

REQUEST FOR ALLOWABLE AND AUTHORIZATION

<u>I. </u>	-	TO TRAI	NSPORT O	IL AND NA	TURAL G					
Operator METEOR DEVI	I OPMENT	S INC				Well	API No. 30-0	25-24	1284	
Address					0.2			·		
S11 16th Si Reason(s) for Filing (Check proper box) New Well Recompletion Change in Operator	Oil Casinghea	Change in 1	Fransporter of: Dry Gas	□ o	ner (Please exp ive Sept	ember 1				
If change of operator give name and address of previous operator	deaux P	etroleu	ım Co., 51	1 16th S	treet, S	Suite 40	O, Denve	er, CO 8	0202	
II. DESCRIPTION OF WELL	AND LEA								····	
Santa Fe Pacific			Pool Name, Inclu Crossroad	_	Devonia	1	of Lease, Federal or Fe		Lease No.	
Location Unit LetterL	_ :	330 I	Feet From The _	W Lin	e and2.	310 _F	eet From The		Line	
Section 26 Township 9 S Range 36 E , NMPM, Lea County										
III. DESIGNATION OF TRAI	SPORTE	R OF OIL	AND NATU							
Name of Authorized Transporter of Oil Or Condensate P.O. Box 900, Dallas, TX 75221									eni)	
Name of Authorized Transporter of Casin Warren Petroleum Compa	ghead Gas	XX °	or Dry Gas		e address to w BOX 158				end)	
If well produces oil or liquids,		'	wp. Rge 9 36	is gas actual		When	17			
f this production is commingled with that					ber:		larch 20.	19/3		
V. COMPLETION DATA		Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Resiv	
Designate Type of Completion Date Spudded		. Ready to P	rod.	Total Depth	<u> </u>	<u> </u>	P.B.T.D.	L	1	
Elevations (DF, RKB, RT, GR, etc.)	Name of Pro	oducing Form	nation	Top Oil/Gas	Pay		Tubing Dep			
Perforations	Name of Fig.	————								
renorations				_			Depth Casin	ig Shoe		
HOLE SIZE	~	JBING, C		CEMENTING RECORD DEPTH SET			1	SACKS CEM	ENT	
<u> </u>										
. TEST DATA AND REQUES	T FOR A	LOWAR	u F							
OIL WELL (Test must be after t	ecovery of total	d volume of						for full 24 hou	rs.)	
Date First New Oil Run To Tank	Date of Test			Producing Method (Flow, pump, gas lift, etc.)						
ength of Test	Tubing Press	anne .		Casing Press.	Casing Pressure			Choke Size		
Actual Prod. During Test	Oil - Bbls.	,		Water - Bbis.	Water - Bbis. Gas- MCF					
GAS WELL	1						!			
actual Prod. Test - MCF/D	Length of Te	म		Bbls. Conden	sale/MMCF		Gravity of C	ondensate		
esting Method (pitot, back pr.)	Tubing Press	sure (Shut-in)		Casing Press.	re (Shut-in)		Choke Size			
I. OPERATOR CERTIFIC			_	(OIL CON	ISERV	I NOITA	DIVISIO)N	
I hereby certify that the rules and regul- Division have been complied with and is true and complete to the best of my h	hat the inform	ation given a			Approve	()	6, 21		••	
Brure M. 11	alto	ses		11	• •		BY JERRY	EXTON		
Signature BRUCE M. PATTERSON	ENGIN	EER & O	PERATIONS	By_	D	ISTRICT I S	UPERVISO			
Printed Name 9/18/91	303/57	72-113 ^T	lle	Title.						
Date		Telepho	ne No.	11						

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.

Submit 5 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-104 Revised 1-1-89 See Instructions at Bottom of Page

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT III 1000 Rio Brazos Rd., Aziec, NM 87410

DISTRICT II P.O. Drawer DD, Antesia, NM 88210

REQUEST FOR ALLOWABLE AND AUTHORIZATION

I.	7	TO TRAI	NSPC	DAT OIL	_ AND NA	TURAL GA	AS				
Operator BORDEAUX PETROLEUM C	OMPANY						Well	API No.			
Address 333 W. HAMPDEN AVE. S	UITE 60	4 ENGL	EWOOI	O, COL	ORADO 8	0110	<u> </u>				
Reason(s) for Filing (Check proper box) New Well Recompletion Change in Operator	Oil Casinghead	_	Franspor Dry Gas Condens		Oth	Effect	ive 3/1	/90			
If change of operator give name						 					
and address of previous operator MET	EOR DEV	ELOPHE!	NTS,	INC.	12842 VA	TTEA AIE	<u>1 #104 €</u>	CARDEN C	ROVE, CA	A 92645	
II. DESCRIPTION OF WELL	AND LEA	SE					0i	l Produc	er(SI)		
Lease Name Santa Fe Pacific		Well No. 1			ng Formation Siluro	Devonia	1 -	of Lease Pademkor Fe		ease No.	
Location											
Unit LetterL	_ : <u>330</u>	ì	Feet Fro	m The	lest Lin	e and231	<u>0</u> Fe	et From The	South	Line	
Section 26 Township	9-S		Range_	36-E	, ท	MPM, Lea				County	
III. DESIGNATION OF TRAN	SPORTEI	R OF OH	L ANE	NATU:	RAL GAS						
Name of Authorized Transporter of Oil		or Condens		7		e address to wh	ich approved	copy of this f	orm is to be se	ent)	
Mobil Pipe Line Compa	ny					Box 900,			221		
Name of Authorized Transporter of Casing	head Gas	\square	or Dry C	Gas		e address to wh				ent)	
Warren Petroleum Co	 -					Box 1589			102		
If well produces oil or liquids, give location of tanks.	Unit :	S∞. 7 23	Г wp. 9	Rge. 36	Is gas actuali, Yes	y connected?	When	7 irch 20,	1973		
If this production is commingled with that f	rom any othe		ool, give	L		ber:					
IV. COMPLETION DATA	•		, 0	В							
Designate Type of Completion -	- (X)	Oil Well	G	as Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v	
Date Spudded	Date Compl	Ready to F	rod.		Total Depth	I		P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.)	Name of Pro	ducing For	mation		Top Oil/Gas	Pay		Tubing Dep	th		
Perforations	<u> </u>			·	: 			Depth Casin	g Shoe		
		IDDIO 6	7 4 CINI	CAND	CENTENTED	VC DECOD		<u> </u>			
HOLE SIZE	T	ING & TUE			CEMENTI	NG RECOR	U		SACKS CEM	ENT	
NOLE SIZE		100	3110 31	25		DEI III DEI	 .		SHORE OF IN	<u></u>	
V. TEST DATA AND REQUES	T FOR A	LOWAI	REF	.				<u></u>			
OIL WELL (Test must be after re				l and must	be equal to or	exceed top allo	wable for this	depth or be t	for full 24 hou	rs.)	
Date First New Oil Run To Tank	Date of Test					thod (Flow, pu					
								T-12-17			
Length of Test	Tubing Press	sure			Casing Pressu	ire ·		Choke Size			
Actual Prod. During Test	Oil - Bbls.		-		Water - Bbis.			Gas- MCF			
GAS WELL											
Actual Prod. Test - MCF/D	Length of Te	sı			Bbls. Conden	sate/MMCF		Gravity of C	Condensate		
Testing Method (pitot, back pr.)	Tubing Press	Time (Shut-in	2)		Casing Pressu	ine (Shut-in)		Choke Size			
resumg Method (phot, back pr.)	Tuoing Tress	saic (Siiqu-II	47		Casing Frees.						
VI. OPERATOR CERTIFICA	ATE OF	COMPL	JANO	CE			0===:		D II (1010		
I hereby certify that the rules and regula						DIL CON	SERV	HON	DIVISIO)N	
Division have been complied with and the is true and complete to the best of my in			above]}				MAR 3	u 1990	
as the and comprete to the best of my to	Wiscuse and	Jenei.			Date	Approved	d		······································	- 1000	
100mm 77/1	3/1/	1250	1					Orig	Signed b	Y	
Signature	<u> </u>	<u> </u>			By_				ul Kautz eologist		
Bruce M. Patterson Vi	ce Pres				11-			Į,	I COTOR TRE		
Printed Name 3/13/90 (303)) 761 2		лце∪р€	eratio	s Title.					· · · · · · · · · · · · · · · · · · ·	
Date (303) 761-3		one No.								

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

DISTRIBUTION	
BANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER OIL	
QAB	
OPERATOR	
PROBATION OFFICE	

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

Form C-104 Revised 10-01-78 Format 06-01-83 Page 1

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

REQUEST FOR ALLOWABLE

I PROBATION OFFICE	SPORT OIL AND NATURAL GAS					
Operator NAMES OF THE PROPERTY						
METEOR DEVELOPMENTS, INC.						
12842 Valley View Street, Suite 104, Gard	den Grove, CA 92645					
Reason(s) for tiling (Check proper box)	Other (Please explain)					
New Well Change in Transporter of:						
	bry Gas					
Change in Ownership Casinghead Gas C	Condensate Effective Date: 2-1-87					
Mobil Producing Texas						
If change of ownership give name 9 Greenway Plaza, Suite 2700, Houston, TX 77046						
and address of previous owner						
II. DESCRIPTION OF WELL AND LEASE						
Lease Name Well No. Pool Name, Including F						
Santa Fe Pacific 12 Crossroads Dei	Vonian State, Federal or Fee Fee					
Location						
Unit Letter L : 330 Feet From The West Lit	ne and 2310 Feet From The South					
Onli Letter						
Line of Section 26 Township 9-S Range	36-E , NMPM, Lea County					
III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL	LGAS TH					
Name of Authorized Transporter of Oil V or Condensate	Address (Give address to which approved copy of this form is to be sent)					
Mobil Pipe Line Company	P.O. Box 900, Dallas, TX 75221					
Name of Authorized Transporter of Casinghead Gas V or Dry Gas	Address (Give address to which approved copy of this form is to be sent)					
Warren Petroleum Co.	P.O. Box 1589, Tulsa, OK 74102					
Ibil Sec. Two Ree.	Is gas actually connected? When					
If well produces oil or liquids, give location of tanks. M 23 9 36	Yes March 20, 1973					
If this production is commingled with that from any other lease or pool,	give commingling order number:					
NOTE: Complete Parts IV and V on reverse side if necessary.						
VI. CERTIFICATE OF COMPLIANCE	OIL CONSERVATION DIVISION					
	1987 III					
I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of	APPROVED JULE JULE 19					
my knowledge and helief,	BY ORIGINAL SIGNED BY JERRY SEXTON					
,	DISTRICT I SUPERVISOR					
	TITLE					
	This form is to be filed in compliance with RULE 1104.					
Momas VII. Melavel	If this is a request for allowable for a newly drilled or despend					
(Signature) Vice President, Corporate Secretary	well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with MULE 111.					
(Title)	All sections of this form must be filled out completely for allowable on new and recompleted wells.					
February 2, 1987	Fill out only Sections I, II, III, and VI for changes of owner,					
(Date)	well name or number, or transporter, or other such change of condition.					

Length of Test Actual Pred. During Test AS WELL Actual Prod. Test-MCF/D	Oil-Bhis. Length of T.	•st		Water-Bbis	ensate/MMCF		Gas-MCF	Condensate	
Actual Prod. During Tent	OII-Bbis.								
				Water - Bbls	•		Gas - MCF		
				 			000,1400		
Length of Test	1 Tubled Pres			A L. C.			41.	-	
		HUP		Casing Pre	saurė.		Choke Siz		
Date First New Oil Run To Tanks	Date of Tea	· L		Producing !	dethod (Flow,	pump, gas l	ift, stc.)		
V. TEST DATA AND REQUES	r for allo	WABLE (Test must be a able for this de	fter recovery pth or be for	of sosol volum full 24 hours	ne of load oil	and must be	equal to or exc	eed top allow
				 					
				 			-		
						·· ···································			
HOLE SIZE	CASII	NG & TUBI		CEMENT	DEPTH SE			ACKS CEME	нт
		TUBING	CASING, AN	D CEMENTI	NG RECOR	<u> </u>			····
Perforations							Depth Ca	Ing Shoe	
Districtions (Dr., ARB, RI, GR, Etc.,	Adme of Fit	odderny r bir		100000	is ray			Pill	
Elevations (DF, RKB, RT, GR, etc.,	Name of Dr	oducing Form	nation	Top Oll/Go			Tubing D	nth	
i	Date Compi	. Ready to F	rod.	Total Dept	1 .		P.B.T.D.		
Date Epudded	10n - (A)	OII Well	Gas Well	New Well	, worker	i !	f Flug Bac:	t t	i
Designate Type of Completed	: /Y)				Workover	Deepen	Plug Bac	Same Restv	

RECENED 1987
NAR 2.0 1987
NAR OCO PRICE

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

· · · · · · · · · · · · · · · · · · ·	
DISTRIBUTION	
SANTA PE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

OIL CONSERVATION DIVISION P. O. BOX 2088

Form C-103 -

SANTA FE	SANTA FE, NE	W'MEXICO 87501	Revised 10-1-78
PILE			5a. Indicate Type of Lease
LAND OFFICE	{		State Fee X
OPERATOR	·		5, State Oil & Gas Lease No.
SUNDD	V NOTICES AND DEBODES OF	. N/F) 1 \$	
SUNUK The not use this form for Pro Use "Applicat"	Y NOTICES AND REPORTS OF THE PERSON OF PLUC 100 FOR PERSON E-1011 FOR EL	N WELLS BACK TO A DIFFERENT RESERVOIR. JCH PROPOSALS.)	
OIL XX WELL WELL	OTHER.		7. Unit Agreement Name
2. Name of Operator			8. Form or Lease Name
Mobil Producing TX &	NM Inc.		Santa Fe Pacific
	e 2700, Houston, TX 7704	16	12
4. Location of Well	30 Wast	2310	10. Field and Pool, or Wildcan Crossroads Siluro Dev
	30 West		
South LINE, SECTION	26 9-S	36-E ·	
	15. Elevation (Show whethe	TUT, KI, GK, etc.)	Lea (III)
Check /	Appropriate Box To Indicate	Nature of Notice, Report or	Other Data
NOTICE OF IN	TENTION TO:	SUBSEQUE	ENT REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON		COMMENCE DRILLING OPHS.	PLUG AND ABANDONMENT
PULL OR ALTER CABINE	CHANGE PLANS	CASING TEST AND CEMENT JOB	
Tempo	orary Abandon X	OTHER	LJ
12 5			
work) SEE RULE 1103.	erations (Crearry state are personent de	tatis, and give pertinent dates, includ	ling estimated date of starting any proposed
This wall was shut i	n 2 21 Of Lungagonomical	to produce	
inis well was shut in	n 3-21-85; uneconomical	to produce.	
Request a one year e pending study for po	xtension of authority to ssible SWD.	retain this well as te	emporarily abandoned .
· •			
	·		
·	,		
		2mg TA	expires \$/15/87
18.1 hereby certify that the information	above as true and complete to the best	of my knowledge and belief.	
HANCY A	euro +17LE_	Authorized Agent	3-26-86
ORIGINAL SIGNED BY	JERRY SEXTON		4000
DISTRICT I SU	PERVISOR		MAR 8 1 1986

DISTRIBUTION BANTA PE FILE	P. O. BOX 2088 SANTA FE, NEW MEXICO 87501	Form C-103 Revised 10-1-73 So. Indicate Type of Lease
U.S.O.S. LAND DEFICE DEFRATOR		State Di & Gas Lease No.
SUNDRY	Y NOTICES AND REPORTS ON WELLS OSALS TO DRILL ON TO DEEPEN OF PLUE BACA TO A DIFFERENT RESERVOIR.	
SIL X SAS WELL X	OTHER-	7. Unit Agreement Name
Mobil Producing TX	& NM Inc.	8. Form or Lease Name Santa Fe Pacific
9 Greenway Plaza-Sto	e 2700, Houston, TX 77046	9. Well No. 12
1. Location of Well	330 FEET FROM THE West LINE AND 2310 FEET FR	10. Field and Foot, or Wildedt Crossroads Siluro Dev.
	26 TOWNSHIP 9-S RANGE 36-E NAME	
	15. Elevation (Show whether DF, RT, GR, etc.)	12. County Lea
Check A	ppropriate Box To Indicate Nature of Notice, Report of C	Other Data NT REPORT OF:
PERFORM SEMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING	PLUG AND ABANDON REMEDIAL WORK COMMENCE DRILLING OPHS. CHANGE PLANS CASING TEST AND CEMENT JQB	ALTERING CASING PLUG AND ABANDONMENT
	erations (Clearly state all pertinent details, and give pertinent dates, include	ing estimated date of starting any proposed
	in 3- 2 1-85; uneconomical to produce. o retain this well in Temporary Abandonment per	nding economic evaluation.
	·	

18. I hereby certify that the information above is true and complet	e to the best of my knowledge and belief.	
many Lewis	Authorized Agent	4-11-85
ORIGINAL SIGNED & JERRY SEXTON APPROVED BY DISTRICT SUPERVISOR	TITLE	APR 1 5 1985

CONDITIONS OF APPROVAL, IF ANY:

· Expansión 4/5/86.

RECLIVED

APR. 15 1985

40. OF COFIES SEC	EIVED	
DISTRIBUTIO	ON	
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
TRANSPORTER OIL		
THANST ON I EN	GAS	
OPERATOR		
BRODATION OF		

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-104

FILE	REQUEST	FOR ALLOWABLE	•	Supersedes Old C-104 and C-1.
U.S.G.S.	AUTHORIZATION TO TR	AND		Effective 1-1-65
LAND OFFICE	AUTHORIZATION TO TRA	ANSPURT UIL AND NAT	URAL GAS	
TRANSPORTER OIL]			
GAS	_			
OPERATOR PRORATION OFFICE Operator	1			•
Mobil Producing Texas	& New Mexico Inc.			
9 Greenway Plaza, Su	ite 2700, Houston, TX 7	7046		
Reason(s) for filing (Check proper box		Other (Please exp	lain)	
New Well	Change in Transporter of:	To change	Operator na	me from Mobil Oil
Recompletion Change in Ownership	Oil Dry Go Casinghead Gas Conder	🛂 📙 Corporati	on. ective Date:	
If change of ownership give name and address of previous owner				
I. DESCRIPTION OF WELL AND				
Lease Name	Well No. Pool Name, Including F		t of Lease e, Federal or Fee	Lease No.
Santa Fe Pacific	12 Crossroads De	evonian Jaco	e, realitat of ree	Fee
Unit Letter L : 330	Feet From The West Lin	ne and 2310 F	set From The	South
36				
Line of Section 26 Tox	waship 9-S Range	36-E , NMPM,	Lea	County
. DESIGNATION OF TRANSPOR	FER OF OIL AND NATURAL GA	AS		
Name of Authorized Transporter of Oil	or Condensate	Address (Give address to wh		·
Mobil Pipe Line Compar		P. O. Box 900 Da	Llas, TX 752	221
	 -	P. O. Box 1589 To		
Warren Petroleum Compa	Unit Sec. Twp. Pge.	Is gas actually connected?	ilsa, Uklanoπ	1a /4102
If well produces oil or liquids, give location of tanks.	M 23 9 36	Yes	İ	3-20-79
If this production is commingled with COMPLETION DATA	th that from any other lease or pool,		ber:	
Designate Type of Completic	Oil Well Gas Well	New Well Workover Di	epen Plug Bac	k Same Restv. Diff. Restv.
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.	1
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing D	
Lievations (DF, RRD, RT, GR, etc.)	rame of Producting Formation	Top On/Ous Puy	I daing D	eptn
Perforations			Depth Ca	sing Shoe
	TUBING, CASING, AND	CEMENTING RECORD		
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET		SACKS CEMENT
				·-·
		1		
. TEST DATA AND REQUEST FO	OR ALLOWABLE (Test must be a)	fter recovery of total volume of	load oil and must be	-equal to or exceed top allow-
Oil, WELL Cate First New Oil Run To Tanks	able for this de	pth or be for full 24 hours) Producing Method (Flow, pur	ip. gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Siz	L•
Actual Prod. During Test	Oti-Bbis.	Water - Bbls.	Gas-MCF	
	<u> </u>	1		
GAS WELL				
Actual Prod. Test-MCF/D	Length of Test	Bbis. Condensate/MMCF	Gravity of	f Condensate
Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Siz	te
. CERTIFICATE OF COMPLIANCE	Œ		SERVATION CO	
I hereby certify that the rules and r	egulations of the Oil Conservation	APPROVED	ين قاند	<u> </u>
Commission have been complied wabove is true and complete to the	ith and that the information given	RY (Orig. Signed by	
and and and ambiers to me		BY	erry Sexton	
		TITLE	Oist 1, Supv.	
, a . ~-		This form is to be f		
- Diety n	mai d	well this form must be a	e vd beinagmoose	newly drilled or deepened tabulation of the deviation
y (Signa) 1 كسمطاهدد ۸) () () () () () () () () () (tests taken on the well	in accordance with	h RULE 111.
Authorized (Tite		All sections of this able on new and recomp.	form must be filled leted wells.	dout completely for allow-
October 31	'''	FIN out only Section	and III III and	VI for changes of owner,
(Date	(e)	well name or number, or t	ranaporter, or other	such change of condition
	Ì	Separate Forms C-1	04 must be filed	for each pool in multiply

NO. OF COPIES RECEIV						Form C Revisi	C-105 ed 1-1-65
DISTRIBUTION							te Type of Lease
SANTA FE			MEXICO OIL COM				Fee X
FILE	\\	WELL COMPLI	ETION OR REC	OMPLETION	REPORT AND	LOG	il & Gas Lease No.
U.S.G.S.						3. State O.	n & Gds Ledse No.
LAND OFFICE						mm.	mmmm
OPERATOR							
N= = = = = = = = = = = = = = = = = = =						7 Unit Ac	reement Name
la. TYPE OF WELL						7. Oill Ag	reement Nume
)		GAS WELL	DRY	OTHER		- P Form or	Lease Name
b. TYPE OF COMPLE	ETION	PLUG	DIFF.				
well wo	ER DEEPE			OTHER		9. Well No	Pe Pacific
1	Corporatio	.				3. Well No	. 12
3. Address of Operator						10. Field	and Pool, or Wildcat
	633, Midle	nd, Texas	79701			Crossr	oads Devonien
4. Location of Well							
1.		330	2310				
UNIT LETTER	LOCATED	FEET F	ROM THE	LINE AND	FEET I		711111111111111111111111111111111111111
South	26	9-8	36 -E			12. County	
THE LINE OF	SEC. T		E. NMPM			Lea	<u> </u>
	1	į.	Compl. (Ready to I	18. Ele		KT, GK, etc.) 19	Elev. Cashinghead
11-27-72 20. Total Depth	1-15-73	ig Back T.D.	2-3-73	le Compl., How	4029 23. Intervals	Botany Tools	, Cable Tools
12,120	21. F10	ig Dack 1.D.	Many	re compr., now	Drilled By	<u>.</u>	Capte roots
24. Producing Interval(s), of this comple	tion - Ton, Botton	n. Name		· · · · · · · ·	<u> </u>	25. Was Directional Survey
Little and and and and			., .,				Made Made
12,076-12,10	2 Crossros	de Demontes					X o
26. Type Electric and (Other Logs Run	as severiter				27.	Was Well Cored
Schl. Dual I		BHC-S-CR. S	MP. CR-Collar	r-Corr.			No
28.			SING RECORD (Rep		et in well)	 -	
CASING SIZE	WEIGHT LB.	/FT. DEPT	H SET HO	LESIZE	CEMENTING	RECORD	AMOUNT PULLED
13-3/8	48.#	36	0 17-	-1/2	400	IX.	•
9+5/8	36# & 4	OF 500	0 12-	-1/2	2600	x.	•
29.	Ĺ	INER RECORD			30.	TUBING REC	CORD
SIZE	TOP	воттом	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
7	4810	12,119	2050	••	2-7/8"	12,056	11,968
<u> </u>							
31. Perforation Record	•	•		32. A	CID, SHOT, FRACT	URE, CEMENT S	DUEEZE, ETC.
12,076, 12,				DEPTH IN			ND MATERIAL USED
w/ 1-JSPF To	otal of 20	holes.		12076-12			w/3500 gals. of
					15%	ME AC14 +	20 RCMB Sealers
00			BBOB	LICTION			
33. Date First Production	Produ	action Method (Flo	wing, gas lift, pump	OUCTION	type pump)	Well Stat	us (Prod. or Shut-in)
2-2-73	1.33	(Flowing		, , , , , , , , , , , , , , , , , , ,		Prod.
Date of Test			Prod'n, For	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
7.7.74	Hours Tested	Choke Size		1	1		
2-7-73	24	14/64	Test Period	545	49.6	0	91
Flow Tubing Press.	24 Casing Pressur	14/64	Test Period	Gas — MC		Bbl. Oi	1 Gravity - API (Corr.)
Flow Tubing Press.	Casing Pressur	te Calculated 2-Hour Rate	Test Period	L		Bbl. Of	Gravity — API (Corr.)
Flow Tubing Press. 325 34. Disposition of Gas	Casing Pressur Pkr. (Sold, used for fue	Calculated 2. How Rate	Test Period - Oil – Bbl.	Gas — MC		Bbl. Oi	1 Gravity — API (Corr.) 44.1 By
Flow Tubing Press.	Casing Pressur Pkr. (Sold, used for fuel)	Calculated 2. How Rate	Test Period - Oil – Bbl.	Gas — MC		Bbl. Of	1 Gravity — API (Corr.) 44.1 By
Flow Tubing Press. 325 34. Disposition of Gas We are at th	Casing Pressur Pkr. (Sold, used for fullistime neg	Calculated 2. Hour Rate el, vented, etc.)	Test Period - Oil – Bbl.	Gas — MC		Bbl. Oi	1 Gravity — API (Corr.) 44.1 By
Flow Tubing Press. 325 34. Disposition of Gas We are at th 35. List of Attachments	Casing Pressur Pkr. (Sold, used for function not) 1111ing Repo	el, vented, etc.) potiating a	Test Period i- Oil Bbi. gas contrac	Gas — MC	F Water —	Bbl. Of Test Witnessed C. W. Mcl	1 Gravity — API (Corr.) 44.1 By Pone 1d
Flow Tubing Press. 325 34. Disposition of Gas We are at th 35. List of Attachments (1) Daily Br	Casing Pressur Pkr. (Sold, used for function not) 1111ing Repo	el, vented, etc.) potiating a	Test Period 4- Oil – Bbl. gas contract es of this form is true	Gas — MC	F Water —	Bbl. Of Test Witnessed C. W. Mcl	1 Gravity — API (Corr.) 44.1 By Pone 1d

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of c. I special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true rertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Northwestern New Mexico Southeastern New Mexico ____T. Ojo Alamo _ ___ T. Penn. "B" __ T. Canyon ___ Anhy ____ T. Kirtland-Fruitland ___ _____ T. Penn. "C" _ ____ T. Strawn ____ Salt _ T. Pictured Cliffs _____ T. Penn. "D" __ Atoka _ Salt __ ____ T. Miss Line 11555 T. Cliff House _____ T. Leadville ___ Т. Yates_ 12060 T. Menefee _____ T. Madison ___ _____T, Devonian ___ 7 Rivers_ ____T. Silurian _ _____ T. Point Lookout _____ T. Elbert ___ _ T. Queen __ _____T. Mancos ____ ___ T. McCracken _ San Andres 4210 ___ T Simpson __ ____ T. Ignacio Qt :te ____ _____ T. Gallup ____ _____ Base Greenhorn ______ T. Granite __ __ 5340 ____ Т. Glorieta__ McKee_ т. ____ Paddock ____ T. Ellenburger _____ T. Dakota ____ _____ T. Gr. Wash _____ T. Morrison ___ _____ Т. __ Blinebry_ 6920 ______ Т. __ ______ T. Granite _____ T. Todilto ____ Ţ. Tubb ___ T. Delaware Sand T. Entrada T. Entrada T. Drinkard _ _____ T. __ __ T. Bone Springs _____ T. Wingate __ T. Abo Wolfcamp _ Т. ____ ______ T. Chinle _____ T. ____ Penn Permo 8930 T Cisco (Bough C) ___

FORMATION RECORD (Attach additional sheets if necessary)

From	То	Thickness in Feet	Formation	From	To	Thickness in Feet	Forms ion
0	357		Sand, Gravel	11604			Line & Shale
357	1348		Red Beds	11119			Lime
1348	2494		Red Beds & Anhy.	11646			Lime & Shale
2494	3228		Anhy & Salt	11623			Line
3228	3740		Anhy	11851			Lime & Shale
3740	4210		Lime	12004		1	Shale
4210	4319		Delo	12036	12120	T.D.	Lime & Shele
4319	7852		Lime			1	
7852	8290		Lime & Shale	[1		
8290	9128		Line			ļ ·	
9128	9186		Lime & Chert				
9186	9830	b contract of	Lime -				
9830	9951		Lime & Shale	11	}		
9951	10206		Lime				
10206	10288		Lime & Shele				
10288	10605		Lime	l			
10605	10688		Lime & Shale	į į		. "	-
10688	11064	1	Lime				 .
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DAILY DRILLING REPORT

SANTA FE PAC #12

SANTA FE PACIFIC #12, 2310' FSL & 330' FWL Sec 26, T-9-S, R-36-E, Lea Co, NM. OBJECTIVE: Drill and complete Devonian development well. AFE 2147 - Mobil Intr 100% - Est Cost \$273,000.

11/27/72 Marcum Drlg Co MIR 75% RU.

SANTA FE PACIFIC #12

11/28
(1) 360 ND, WOC 13-3/8 csg in red bed, 17½" hole, S. Mud. ½ @ 360, Marcum Drlg Co spud in 12:00 noon 11/27/72, ran 11 jts 360' 13-3/8 48.0# H-40 8rd ST&C csg cmtd on bottom @ 360 by Howco w/ 400x Class H cmt w/ 2% CaCl, PD @ 8:00 p.m. 11/27/72, cmt circ, WOC.

SANTA FE PACIFIC #12

11/29 (2) 1985 drlg red bed & anhy, 12½" hole, 1^O @ 1890, Fr Wtr. WCC total 18 hrs, test csg 600#/ok.

SANTA FE PACIFIC #12

11/30 (3) 2612 drlg salt & anhy, $12\frac{1}{4}$ " hole, Br Wtr & Oil. 1° @ 2400.

SANTA FE PACIFIC #12

12/1 (4) 3445 drlg anhy, 12½" hole, Br Wtr & Oil, 3% oil. 1½ @ 3142.

SANTA FE PACIFIC #12

12/2 (5) 3900 drlg anhy, 12½" hole, 1/2° @ 3575. Br. Wtr & 0il 3%.

12/3 & 4 (7) 4278 drlg dolo, 12½" hole, 1/4° @ 4010. Br. Wtr & 0il, 3% 0il.

SANTA FE PACIFIC #12

12/5 (8) 4426 drlg lm, 12½" hole, 3/4° @ 4315. Br. Wtr & 0i1, 3% 0i1.

SANTA FE PACIFIC #12

12/6 (9) 4565 drlg lm, 12½" hole, NND. Br Wtr & Oil, 3% oil.

SANTA FE PACIFIC #12

12/7 (10) 4711 drlg lm, 12¼" hole, NND. Br Wtr & Oil, 3% oil.

SANTA FE PACIFIC #12

12/8 (11) 4855 drlg lm, 12¼" hole, st @ 4710. Br Wtr & Oil.

SANTA FE PACIFIC #12

- 12/9 (12) 5000 ND lm, 12¼" hole, ½ @ 5000, Br Wtr & Oil. circ ½ hrs, P & LD DP & DC's, prep to run 9-5/8 csg.
- 12/10 (13) 5000 ND lm, WOC 9-5/8 csg, ran 38 jts 40.0# + 82 jts 36.0# 9-5/8 OD 8rd ST&C K-55 csg cmtd on bottom @ 5000 by Howco w/ 2400x TlLW cmt containing 7½# salt/x + 200x Class C Neat cmt containing 2.6# salt/x, PD @ 3:10 p.m. 12/9/72, cmt circ, WOC.
 - 2/11 (14) 5376 drlg lm, 8-3/4" hole, NND, Fr Wtr. WOC 24 hrs, test 9-5/8 csg & BOP's w/ 2000#/30 min/ok.

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SANTA FE PACIFIC #12
        (15) 6010 drlg lm, 8-3/4! hole, 1^{\circ} 5980. Fr. Wtr.
       SANTA FE PACIFIC #12
        (16) 6620 drlg 1m, 8-3/4" hole, NND. Fr. Wtr.
     SANTA FE PACIFIC #12
12/14 (17) 7079 drlg lm, 8-3/4" hole, 1° @ 7050. Fr Wtr.
      SANTA FE PACIFIC #12
12/15 (18) 7512 drlg lm, 8-3/4" hole, NND.
                                                  Fr Wtr.
       SANTA FE PACIFIC #12
        (19) 7721 drlg lm & sh, 8-3/4" hole, 1^{\circ} 7510. 9.8-38-5% Oil.
12/18 (21) 8192 drlg lm & sh, 8-3/4" hole, 1\frac{1}{4}0 8050. 9.8-38-5% Oil.
       SANTA FE PACIFIC #12
                                                         9.8-37, 7% Oil.
       (22) 8419 drlg lm & sh, 8-3/4" hole, NND.
12/19
       SANTA FE PACIFIC #12
        (23) 8646 drlg lm & sh, 8-3/4" hole, 3/4^{\circ} 9.8-37-7% Oil.
12/20
         8415.
       SANTA FE PACIFIC #12
       (24) 8788 drlg lm & sh, 8-3/4" hole, NND. 9.9-38-6% Oil.
12/21
        SANTA FE PACIFIC #12
         (25) 8903 drlg lm & ch, 8-3/4" hole, NND.
                                                         9.8-38-6% Oil.
12/22
        SANTA FE PACIFIC #12
        (26) 9043 drlg lm & ch, 8-3/4" hole, 1 9000'
                                                          9.9-38-6% oil.
12/23
       (29) 9353 drlg lm, 8-3/4" hole, NND
                                                          9.9-38-6% oil.
12/26
          SD 24 hrs. for Xmas.
        SANTA FE PACIFIC #12
        (3) 9572' drlg lm, 8-3/4" hole, NND
                                                          9.9-38-6% oil
12/27
        SANTA FE PACIFIC #12
          (31) 9824 drlg lm & sh, 8-3/4" hole, 1^{O}-9690' 9.8-38-6% oil CORRECTION: 12-27-72 Report showed (3) days.
12/28
                       Should have been (30) days.
        SANTA FE PACIFIC #12
         (32) 10,012 drlg lm & sh, 8-3/4" hole, NND 9.9-38-6% oil
        SANTA FE PACIFIC #12
12/30/72 (33) 10,198 drlg lm & sh, 8-3/4" hole, NND 9.8-37-7% Oil
         (35) 10,681 drlg lm & sh, 8-3/4" hole, 1-1/4^{\circ}-10,414. 10.0-40-7% \ill
1/1/73
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Depth @ 12:00 midnight 12-31-72 10,605'.

1/2/73 (36) 10,811 drlg lm & sh, 8-3/4" hole, 1° -10,800' 10.0-39-7% Oil

SANTA FE PACIFIC #12

1/3 (37) 10,967 drlg lm & sh, 8-3/4" hole, NND 10.0-42-6% Oil

SANTA FE PACIFIC #12

1/4 (38) 11,060 drlg lm & sh, 8-3/4" hole, NND 10.0-41-6% oil

SANTA FE PACIFIC #12

1/5 (39) 11,202' drlg lm & sh, 8-3/4" hole, NND. 10.0-42-6% Oil

SANTA FE PACIFIC #12

1/6 (40) 11,380 drlg lm & sh, 8-3/4" hole, NND. 10.0-40-6% oil.

1/8 (42) 11,552 drlg lm & sh, 8-3/4" hole, 10.0-41-7% oil. 1½ @ 11,460.

SANTA FE PACIFIC #12

1/9 (43) 11,657 drlg lm & ch, 8-3/4" hole, 10.0-42-6% oil. 1½ @ 11,655.

SANTA FE PACIFIC #12

1/10 (44) 11,780 drlg lm & sh, 8-3/4" hole, NND. 9.8-45-15.0, 6% oil.

SANTA FE PACIFIC #12

1/11 (45) 11,865 drlg lm & sh, 8-3/4" hole, NND. 9.8-45-10.0, 7% oil.

SANTA FE PACIFIC #12

1/12 (46) 11,908 drlg sh, 8-3/4" hole, NND. 9.8-55-10.0, 7% oil.

SANTA FE PACIFIC #12

1/13 (47) 11,980 drlg lm & sh, 8-3/4" hole, NND. 9.8-56-10.0, 7% oil.

1/15 (49) 12,090 drlg sh, 8-3/4" hole, 9.8-58-10.0, 7% oil. 1° @ 12,000.

SANTA FE PACIFIC #12

1/16 (50) 12,120 ND lm, 8-3/4" hole, ½ @ 12,120, 9.8-57-10.5, 6% oil. circ for samples @ 12,108/1-3/4 hrs, circ @ 12,120/3 hrs, POH, Schl running OH logs past 9 hrs, loggers TD 12,113.

SANTA FE PACIFIC #12

1/17

12,120 ND lm, 8-3/4" hole,

Schl ran dual Lateralog, BHC-S-GR & SNP logs in total 16 hrs, left 1" x 1/8" x 3' spring in hole, ran 8" magnetic bskt w/ junk bskt in DC's & DP to 12,120, circ 3 hrs, POH, stood 165 jts of DP in derrick, LD remainder of DP & DC's, did not rec spring, now running 7" liner 10 jts in hole.

SANTA FE PACIFIC #12

1/18

12,120 TD lm, 8-3/4" hole, WOC 7" liner, ran 7309' 7" OD 26.0# & 23.0# S-95 & N-80 8rd LT&C csg to 12,119, set w/ BOT Type C liner hanger, top of liner @ 4810, Howco cmtd liner @ 12,119 w/ 1600x TlLW cmt + 200x Class C Neat cmt containing .04% HR-4, PD @ 3:30 p.m. 1/17/73, POH w/ liner setting tool & DP, WOC 5 hrs, ran 8-3/4 bit to 4810, no cmt on liner top, displ hole to FW, P & LD DP, RD & Rel Marcum Drlg Co rig @ 7:00 a.m. 1/18/73, prep to MOR.

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SANTA FE PACIFIC #12, 12,120 TD.

1/19 MOR.

SANTA FE PACIFIC #12, 12,120 TD.

1/20 Finish MOT, WO unit to compl.

1/22 WO unit to compl.

SANTA FE PACIFIC #12, 12,120 TD.

1/23 WO unit to compl.

SANTA FE PACIFIC #12, 12,120 TD.

1/24 WO unit to compl.

SANTA FE PACIFIC #12, 12,120 TD.

1/25 WO unit to compl.

SANTA FE PACIFIC #12, 12,120 TD.

1/26 MIRU X-Pert Well Serv unit, ran 9-5/8 RTTS pkr on 83 jts 2-7/8 tbg, SD for nite.

SANTA FE PACIFIC #12, 12,120 TD.

- Finish running RTTS pkr to 4615, Howco pumped in over top of 7" liner @ 4810 @ 3000# 4.0 BPM, then sqzd top of liner w/ 250x Class C Neat cmt, TP 1400, displ cmt 8 bbls below pkr SI & SD, job compl @ 2:30 p.m. 1/26/73, WOC.
- 1/28 POH w/ tbg & pkr, SD for high wind.
- 1/29 Ran 8-3/4 bit on 2 4½ DC's & 2-7/8 tbg to 4718, DO cmt in 9-5/8 csg to top of 7" liner @ 4810, circ hole clean, POH w/tbg, DC's & bit, ran 6-1/8 bit on DC's and tbg to 4810, SD for nite.

SANTA FE PACIFIC #12, 12,120 TD.

1/30 Drill cmt in 7" liner 4810-20, ran bit to 11,878, displ mud w/ wtr, drld cmt stringers & cmt to 12,038, circ hole clean, SD for nite.

SANTA FE PACIFIC #12, 12,120 TD.

1/31 Drill cmt in 7" liner from 12,038-12,115 PBTD, circ hole clean, displ wtr w/ lse oil, Runco spotted 500 gals 15% NE acid on bottom, POH w/ 140 jts of tbg, SD for nite.

SANTA FE PACIFIC #12, 12,120 TD.

- Finish POH, remove BOP, inst'l wellhead, inst'l BOP, Welex ran GR-Collar-Corr log from 10,900-12,105, then perf 7" liner in the Dev @ 12,076-12,082 & 12,090-12,102 w/ l JSPF, total of 20 holes, SD for high wind.
 - SANTA FE PACIFIC #12, 12,120 TD.
- 2/2 Ran 2-7/8 tbg and Baker Model R pkr to 11,702, Runco press up to 5000# on tbg for 7 hrs, no break, increase press to 5900#, acid started bleeding in, TTP 5700, AIR .05 BPM, ISIP 5600, 5 min 2200, 10 min 400, job compl @ 7:00 p.m. 2/1/73, SD for nite.

- SANTA FE PACIFIC #12, 12,120 TD.

 SI 12 hrs TP 300, bled off press, lowered tbg to 12,056 & pkr to 11,988, inst'l tree, well kicked off & F 70 BLO + 66 BNO + 8 BAW/7 hrs, 3/4 -16/64 ck, TP 0-130, L hr 15 bbls, S/O 100% oil.
- 2/4 SI 13 hrs TP 330, F 44 BNO/3 hrs on 26/64 ck, Runco acidized perfs 12,076-12,102 w/ 3000 gals 15% NE acid + 20 RCNBS, TTP 5900-4000, AIR 3.3 BPM, IS 300, 5 min 200, F 74 BLO + 75 BNO + 10 BAW/4 hrs on 16/64 18/64 ck, L hr fl 30 bbls, S/O 5% AW.
- 2/5 SI 13 hrs TP 340, F 296 BNO + 10 BAW/9½ hrs on 18-12/64 ck, TP 310, L hr F 32 BNO, S/O 2% AW, SD for nite. 56 BAW.
 - SANTA FE PACIFIC #12, 12,120 TD.
- 2/6 RD, Rel unit & Rel well to Prod @ 10:00 a.m. 2/5/73. 56 BAW.
- 2/6 Connecting well, put on test. 56 BAW.
- SANTA FE PACIFIC #12, 12,120 TD. F 225 BNO + 0 BW/24 hrs, 12/64 ck, TP 300. - 56 BLW.
- SANTA FE PACIFIC #12, 12,120 TD.

 2/8/73
 POTENTIAL

 SANTA FE PACIFIC #12, 12,120 TD.

 NM OCC POT: F 545 BNO + 0 BW/24 hrs, 14/64 ck, TP 325,

 GOR 91/1, Grav 44.1 @ 60, Allow 540 (NP), Top 540, Cap 600+,

 Compl 2/3/73.

 FINAL REPORT.

RETUEST TO LALLO MELE .د. ن. د. ي AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS AND OFFICE ÷11. : HANSPORTER GAS OFCHATOR PROPATION OFFICE Mobil Oil Corporation Address P. O. Box 633, Midland, Texas 79701 Other PARTEMENT GAS MUST NOT, EE FLARID AND IR. 4/2/12 UNLESS AN EXCEPTION TO BACTO Keason's) for i ling , Chesk proper box, X Change in Transporter of: Recompletion OII Dry Gas IS OBTAINED. Change in Ownership Casinghead Gas Condensate If change of ownership give name and address of previous owner II. DESCRIPTION OF WELL AND LEASE ell No.; Poc. Name, Including Formation Kind of Lease Lease i. State, Federal or Fee 12 Santa Fe Pacific Crossroad Devonian Fee Location 330 West Line and ___ 2310 _ Feat From The South Unit Letter Feet From The 26 Township 9-S Range 36-E Line of Section Lea County Nome of Authorized Transporter of Cit To Confensore Address (Give address to which approved copy of this form is to be sent) Box 900, Dallas, Texas 75221 Address (Give address to which approved copy of Mobil Pipe Line Company one of Authorized Transporter of Casinghard Gas or Dry Gas of this form is to be sent, Sec. Unit Twp. Fige. is gas actually connected? . Asen We are at this time If well produces oil or liquids, give location of tanks. M 23 9 ; 36 No negotiating a gas contract. If this production is commingled with that from any other lease or pool, give commingling order number: COMPLETION DATA Gas Well Worksver Plug Back Same Resty, Diff. Resty. Designate Type of Completion - (X) X X Date Spudded Date Compl. Ready to Prod. Total Deptn P.B.T.D. 11-27-72 2-3-73 12,120 Elevations (DF, RAB, RT, GR, etc., Name of Producing Formation Top CU/Gas Pay 4029 GR Crossroad Devonian 12,076 12,056 Depth Casing Shoe Perforations 12,076-12, 082, 12,090-12,102 1 JSPF Total of 20 holes 12,120 TUBING, CASING, AND CEMENTING RECORD HOLE SIZE CASING & TUBING SIZE DEPTH SET SACKS CEMENT 17-1/2 400 Bx. <u>13-3/8</u> 360 12 - 1/42600 sx. 9-5/8 5000 7" Liner 8-3/4 12119 2050 ax TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load oil and must be equal to or exceed top all able for this denth or be for full 24 hours) OIL WELL Date First New Oil Run To Tanks Date of Test Producing Method (Flow, pump, gas lift, etc.) 2-7-73 Tubing Pressure 2-2-73 Flowing Choke Size Casing Pressure 24 hrs. **325** Packer <u> 14/64</u> CII-Bbis. Water - Bbie. Ggs - MCF 545 0

Longth of Test Actual Prod. During Teet 49.6

GAS WELL Actual Frod. Test-MCF/D Length of Test Bbls. Condensate/MMCF Gravity of Condensate

CERTIFICATE OF COMPLIANCE

Testing Method (pitot, back pr.)

hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Tuning Pressure (Shut-in)

(Signature) Agent Authorized

(Date)

February 8, 1973

(Title)

OIL CONSERVATION COMMISSION

Choke Size

APPROVED BY.

Casing Pressure (Shut-in)

UPERVIS TRICT I

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or despense well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allow able on new and recompleted walls.

Fill out only factions I. II. III. and VI for changes of content ell name or number, or transporter, or other such that you of continuous

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

INCLINATION REPORT

Field Name Crass	Puads Devenion	County Lea State	New Mexico
Operator <u>Mobil</u> C	Oil Corporation Add	iress P. O. Box 633	Midland, Texas 79701
Lease Name & No	Santa Fe - Pacific Well	No. 12 Surve	y <u>Totco</u>
	RECORD OF	F INCLINATION	
Depth (feet)	Inclination (degrees)	Displacement (feet)	Accumulative Displacement (feet)
358 860	1/4	1.58	1.58
860 1390	1/2 3/4	4.42 6.94	6.00 12.94
1890	1	8.75	21.69
2612	1 1/2	18.92	40.61
3575	1/2	8.47	49.08
4010	1/4	1.91	50.99
431.5	3/4	4.00	54.99
4710	ZERO	ZERO	54.99
5000 59 8 0	1/2	2.55 17.15	57.54 74.69
70 5 0	1	18.73	93 . 42
75 1 0	î	8.05	101.47
7840	1 1/2	8.65	110.12
8050	1 1/4	4.58	114.72
8415	3/4	4.78	119.48
9000	1	10.24	129.72
9690	1	12.08	141.80
10,414	1 1/2	18.97	160.77
10,800	1	6.76	167.53
11,460	1 1/2	17.29	184.82
11,655 12,000	1 1/2	5.11 6.04	189.93
12,120	1/4	•53	195 . 97 196 . 50
,-	-, -	Total displacement	196.50
0			
	Open Hole Distance to t	_	.3.30 feet
Certification of p	ersonal knowledge of Incli	nation Data:	
I hereby cert form, and that suc	ify that I have personal k h information given above	nowledge of the data ar is true and complete.	nd facts placed on this
		Delta)	mana)
		Signature	
State of Texas)	MARCUM DRILLING	COMPANY
County of Midland	}	Company	
day personally app name is subscribed	e undersigned, a Notary Pu eared <u>Delton Marcum</u> to the goregoing instrume se and consideration there	nt, and acknowledged to	me to be the person whom
		n. girtin	
GIVEN UNDER M	Y HAND AND SEAL OF OFFICE	THIS DAY OF	1 china 1 19 /
My Commission Expi	res		
	. =	Alla A	miden
1 : 7 6	73 Not	ary Public in and for s	add County and State

46, OF COPIES PECEIVED		Form C-103
DISTRIBUTION		Supersedes Old
ANTA FE	NEW MEXICO OIL CONSERVATION	C-102 and C-103 COMMISSION Effective 1-1-65
ILE		Zilocuto (Pou
J.S.G.S.	/	5a. Indicate Type of Lease
AND OFFICE		State Fee 🕢
PERATOR		5. State Oil & Gas Lease No.
		
(CO NOT USE THIS FORM	SUNDRY NOTICES AND REPORTS ON WELLS FOR PROPOSALS TO BRILL OR TO DEEPEN OR PLUG BACK TO A DIF PRICATION FOR PERMIT - " (FORM C-101) FOR SUCH PROPOSALS	FEFENT RESERVOIR.
OIL GAS WELL	OTHER-	7. Unit Agreement Name
Mob. Di	corneration	8. Form of Lease Hame Santa Fe Pacific
Address of Operator	-11	9. Well No.
Bex 633	Midland, Leias 79701	10, Field and Pool, or Wildcat
Location of well	320 / +	
UNIT LETTER		23/0 FEET FROM GOODS SPACED DEVENION
THE _50/1/1/2 LIN	E, SECTION 26 TOWNSHIP 9-5 BANGE	31-E AMPM.
mmmm	15. Elevation (Show whether DF, RT, GR	, etc.) 12. County
	4029 GR	
· · · · · · · · · · · · · · · · · · ·		
	heck Appropriate Box To Indicate Nature of I OF INTENTION TO:	SUBSEQUENT REPORT OF:
ERFORM FEMEDIAL WORK	PLUG AND ABANDON REMEDIAL	
EMPORARILY ABANDON		DRILLING OPNS. PLUG AND ABANDONMENT
ULL OR ALTER CASING		T AND CEMENT JOS
_	OTHER	
OTHER		_
7 Descripe Proposed or Comp	leted Operations (Clearly state all pertinent details, and give	e pertinent dates, including estimated date of starting any proposed
work) SEE RULE 1103.	, , , , , , , , , , , , , , , , , , , ,	
1/18 1: 20 B0 1: C0 S6	TA FE PACIFIC #12 2,120 TD lm, 8-3/4" hole, WOC 5.0# & 23.0# S-95 & N-80 8rd L' OT Type C liner hanger, top of iner @ 12,119 w/ 1600x TlLW cm ontaining .04% HR-4, PD @ 3:30 etting tool & DP, WOC 5 hrs, re int on liner top, displ hole to arcum Drlg Co rig @ 7:00 a.m.	T&C csg to 12,119, set w/ liner @ 4810, Howco cmtd t + 200x Class C Neat cmt p.m. 1/17/73, POH w/ liner an 8-3/4 bit to 4810, no FW, P & LD DP, RD & Rel
1/27 Fi 7" 25 SI	A FE PACIFIC #12, 12,120 TD. nish running RTTS pkr to 4615, liner @ 4810 @ 3000# 4.0 BPM, 0x Class C Neat cmt, TP 1400, & SD, job compl @ 2:30 p.m. 1	then sqzd top of liner w/displ cmt 8 bbls below pkr./26/73, WOC.
GNED CERTIFY THAT THE THE		and Agont DATE 1-18-23
PROVED BY	Orig Signal by Joe D. Ramey	DATE
ONDITIONS OF APPROVAL.	Dist. 1, Supy.	

C. C. COMES RECEIVED			Form C-103 Supervedes (
VANYA FE	NEW MEXICO OIL CO	MSERVATION COMMISSION	C-162 and (. Effective 1-	
CAND OFFICE 2			State State On & G	Fee V
SU (CO NOT USE THIS FORM FO USE "APP	INDRY NOTICES AND REPORTS (OR PROPOSALS TO BRILL OF TO DEEPEN OF PLU VICIATION FOR PERMIT - " (FORM C-101) FOR	ON WELLS 15 BACY TO A DIFFERENT RESERVOIR. SUCH PROPOSALS.)		
OIL GAS WELL . Mane of Operator /	OTHER-		7. Unit Agreeme	
· /	Corporation 3, widland		9. Well No.	
. Londing of well			10. Field and F)) pol, or Wildcat
	330 FEET FROM THE 1005			MINITED IN
THE SOUTH THE STATE OF THE STAT	SECTION 2 TOWNSHIP 9		12. County	
Cho	eck Appropriate Box To Indicate	29 Gr. Rature of Notice, Report or	Other Data	
	OF INTENTION TO:		ENT REPORT OF	
PERFORM HEMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING	PLUG AND ABANDON	COMMENCE DRILLING OPNS. CASING TEST AND CEMENT JQB		AND ABANDONMENT
OTHER		OTHER		
 Describe Proposed or Complet work) SEE RULE 1103. 	ed Operations (Clearly state all pertinent o	details, and give pertinent dates, include	ding estimated date of	starting any proposed
12/10	(13) 5000 ND 1m, WOO 36.0# 9-5/8 OD 8rd 8 Howco w/ 2400x TlLW Neat cmt containing circ, WOC.	ST&C K-55 csg cmtd c cmt containing 75#	on bottom @ $salt/x + 20$	5000 by OOx Class C
12/11	(14) 5376 drlg lm, 8 WOC 24 hrs, test 9-5			Fr Wtr. n/ok.
18.1 hereby certify that the inform	anton above is true and complete to the be-	st of my knowledge and belief.		
31GNED WA	1 and Title	Authorized Agen		-11-72
APPROVED BY	Orig. Signed by Joe D. Ramey	,	DATE	EC 14 1972
CONDITIONS OF APPROVAL, IF	Dist. I, Supv.		_	

NO. OF COPIES RECEIVED			Form C-103
DISTRIBUTION			Supersedes Old
SANTA FE	NEW MEXICO OIL CONS	ERVATION COMMISSION	C-102 and C-103 Effective 1-1-65
FILE	!		
U.S.G.S.			5a. Indicate Type of Lease
LAND OFFICE			State Fen 2
OPERATOR			5, State Oil & Gas Lease No.
SUNDR	RY NOTICES AND REPORTS ON OPPOSALS TO DRILL OR TO DEEPEN OR PLUG RELIGION FOR PRINCIPLE OF THE PROPERTY OF THE PRINCIPLE OF T	WELLS	Milling
1.	ION FOR PERMIT - " IFORM C-1011 FOR SUC	MACK TO A DIFFERENT RESERVOIR, H PROPOSALS	7. List Agreement (June
OIL GAS WELL	OTHER.		
2. Name of Operator	erperation		9. Farm or Lease little
3. A idress of Cyerator	argoralion		13. Montal & Pacific
Box 633 /v	id land, Texas	75761	10. Field and Pool, or Wilson
UNIT LETTER	30 FEET FROM THE WEST	LINE AND 23/0 FEET FRO	
THE South LINE, SECTION	on <u>26</u> township <u>5'-5</u>	RANGE 36-E NMPN	
	15. Elevation (Show whether	DF, RT, GR, etc.)	12. County
		9 Gm	Leg
16. Check	Appropriate Box To Indicate N		
	TENTION TO:		T REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	
TEMPORARILY ABANDON	, see and seamen	COMMENCE DRILLING OPNS.	ALTERING CASING PLUG AND ABANDONMENT
PULL OR ALTER CASING	CHANGE PLANS	CASING TEST AND CEMENT JOB	PEGG AND ABARDORMENT
_		OTHER	
OTHER			
17 Formath - Proposed or Completed Or	porations (Classly state all partinent det		g estimated date of starting any proposed
work) SEE RULE 1103.	erations (Clearly state all pertinent deta	nus, ana give pertinent dates, includin	g estimated date of starting any proposed
11/28 (1) 3 1/28 (1) 3	TE PACIFIC #12 660 ND, WOC 13-3/8 c 660, Marcum Drlg Co 660' 13-3/8 48.0# H- wco w/ 400x Class H 1/72, cmt circ, WOC.	spud in 12:00 noon 40 8rd ST&C csc cmt	11/27/72, ran 11
11/29 (2)	FE PACIFIC #12 1985 drlg red bed & total 18 hrs, test c	anhy, 12¼" hole, 1 ⁰ sg 600#/ok.	@ 1890, Fr Wtr.
le. I hereby certify that the information	above is true and complete to the best of	of my knowledge and belief.	
SIGNES MEN	TITLE AV	Thorized Agent	DATE 11-29-72
			^
1) 1)	Orig. Signed by	• •	DEC 1 1972
APPROVED BY	Joe D. Ramey Dist. I. Supv.		DATE DEU 1
	EFIGE AL OUDV.		

V

NO. OF COPIES RECEIVED							
DISTRIBUTION	NEW	MEXICO OIL CONSE	ERMATION COMMISSION	, NC	Form C-101 Revised 1-1-6	/	
SANTA FE						~	
FILE			•		5A. indicate	Type of	
U.S.G.S.					STATE	<u></u>	FEE X
LAND OFFICE					.5. State Cil	& Gas Le	ease No.
OPERATOR					mm	,,,,,	mm
ADDL ICATIO	ON FOR REDUIT TO	DOLL DEEDEN	OD BLUC BACK		<i>///////</i>		
APPLICATION In Type of Work	ON FOR PERMIT TO	DRILL, DEEPEN,	UR PLUG BACK		7. Unit Agre	ement No	
_	_	-			7. Oline Agre	ement 140	ane
b. Type of Well DRILL	<u>(</u>	DEEPEN	PLUG	BACK	8, Farm or L	egge Ngr	200
OIL GAS	٦		SINGLE X	JLTIPLE ZONE	Santa		
2. Name of Operator	OTHER		ZONE A	ZONE	9. Well No.	ie ra	CITIC
Mobil Oil Corpor	ation				1	2	
3. Actives of Operator	acron				10. Field an		r Wildcat
P. O. Box 633, M	lidiand. Texas	79.701			Crossro		
	res L Loc		West		777777	77777	mmn
UNIT LETT	LOC	ATED 330	FEET FROM THE WEST	LINE		[[]]	
AND 2310 _ FEET FROM	A THE South LIN	E OF SEC. 26	TWP. 95 RGE. 3	6E NMPM			
				MM	12. County	/	777777
					Lea		
			<i>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>	777777	11111	1777	<i>#######</i>
			19. Proposed Depth	19A. Formatic	n	20. Rota	ry or C.T.
			12,200'	Devonia	an	Rota	ry
21. Llovations (Show whether Di			213. Drilling Contractor		22. Approx	. Data Wa	rk will start
4029 - Ground	On_	File			Novem	ber 8	, 1972
23.	Р	ROPOSED CASING AN	D CEMENT PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	I SETTING DEPTH	SACKS OF	CEMENT	E:	ST. TOP
17-1/2"	13-3/8"	48#	350	Circu	late	Surf	
12-1/4"	9-5/8"	36#	5000	Circu	late	Surf	ace
8-3/4"	7"	23#	4800:-11300'	Circu	late	48	00'
·	7"	26#	11300'-12100'	' Circu	late ^l	113	100 '
IN ABOVE SPACE DESCRIBE PIFIVE ZONE, GIVE BLOWOUT PREVENT			DR PLUG BACK, GIVE DATA (DELLING EXPIRES			
Signed College Bank			nowledge and belief. n Staff Assista	int	Data Maria	nhon a	1072
.911			1 4 4 1 1 2 2 1 3 1 9 10		. are THINKE	micl_(· • · · · · · · · · · · · · · · · · · ·
(This space for	•				Ai	ΩV	0.1070
	Orig. Signed by				14	UV	6 1972
APPROVED BY	John Runyan	TITLE		·	DATE		
CONDITIONS OF APPROVAL, I	FANY: Geologist						

		All distances must be	from the outer	boundaries o	of the Section.		
Operator			Lease				Well No.
Mobil Oil Co	orporation		Santa	Fe Paci	fic		12
Unit Letter		Township	Range		County		
L	26	9\$	36E	•	Lea		'
Actual Footage Loca							
33 0	feet from the Wes	t line and	2310	£€	et from the	South	line
Ground Level Elev.	Producing Form		Pool				Dedicated Acreage:
4029	Devoniar	†	Cross	roads			40 Acres
1 O.di- ak					LL		
1. Outline the	e acreage dedicate	ed to the subject w	en by color	rea pencii	or nachure	marks on ti	ie plat below.
2. If more that interest an		ledicated to the we	l, outline e	ach and id	entify the o	wnership t	hereof (both as to working
dated by ee	ommunitization, un	itization, force-pool	ing. etc?			nterests of	all owners been consoli-
Yes	No If ans	swer is "yes," type	of consolida	ition		· · ·	
	s "no," list the or	wners and tract des	criptions wh	ich have a	actually bee	en consolid	ated. (Use reverse side of
	*	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	•	1.1	1 ()	
							munitization, unitization,
_:		r until a non-standai	a unit, elim	iinating su	ch interests	s, has been	approved by the Commis-
sion.	ast 2641'						
1500	et Stone	Two Sot	Stone				CERTIFICATION
36	i Stone	361	. Stone				
	i		[are at a second
	 		1			f	certify that the information con-
	1		1			1	rein is true and complete to the
	1		į.			best of m	y knowledge and belief.
]	1		1			a	Spond
<u> </u>	_ +	+				Norme A	D. Pand
6	1		İ			A. Position	D. Bond
5280			1			Prorat	on Staff Assistant
=	796	S R 36	=			Company	
	1		,			Mobil (Oil Corporation
0°01'	i		1			j	vm 2 1072
o	•	0 0	ì			Novembe	er 2, 1972
F _mmmm	min	76					!
=== O*12	2		4				
96	5		1 .			Ī	certify that the well location
E	3		1		-		this plat was plotted from field
E	3			Ashee!	NE STATE	ŧ .	actual surveys made by me or supervision, and that the same
E .	5		1	and the second		.	
# % F		İ	1			h =	and correct to the best of my
E	# # # # # # # # # # # # # # # # # # #			S. 3 to 1	JRTIS A.	knowledg	e and belief.
				40 .	LIAVIAY	0	1 (built
	1		1	N N	o. 33 2 / 6	Con Au	V. Callery
	1		1	EL VA	O STEP STEEL	Novem	per 2, 1972
1			!	The state of the s	DONAL CONT		Protessional Engineer
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	1						
Set	: Stone		Į.			Curtic	A. Callaway
						Certificate	
0 330 660 19	0 1320 1650 1980	1 1	1	(, ,		
3 330 880 19	0 1320 1650 1980	2310 2640 200	1500	1000	500 S	<u>. 33</u>	142