District 1- (505) 393-6161 1625 N. French Dr Hobbs, NM 88241-1980 District II - (505) 748-1283 811 S. First Artesia, NM 88210 District III - (505) 334-6178 1000 Rio Brazos Road Aztec, NM 87410 District IV - (505) 827-7131

Operator name & address

Operator and Well

### New Mexico

**Energy Minerals and Natural Resources Department** 

Oil Conservation Division

2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131

ים	narí	me	nt.						Date 0	5/99
Ĭ		E	B	[5		V	ŞŲB		ORIGIN	
-			JUN	1 2	8	199	9 <b>TO</b>	3 13 '	S 2 COP SANTA OFFI	FE
	on	<u>CO</u>	NSE	RV	۱TI	ON I	DIViS	HON		

OGRID Number

**APPLICATION FOR NEW WELL STATUS** 

HANAGAN PETROLEUM CORPORATION	00991	1
P.O. Box 1737		
Roswell, NM 88202	<u> </u>	
Contact Party Mike Hanagan	Phone	3-5053
Property Name Well Number	API Numb	
Twin Lakes San Andres Unit 311		-63194
UL Section Township Range Feet From The North/South Line Feet From The East/ E 31 8S 29E 1700 North 990 West	West Line	County Chaves
II. Date/Time Information		
Spud DateSpud TimeDate CompletedPool1/2/996:00 AM2/10/99Twin Lakes San ANdr	es Unit	
III. Attach copies of Form C-103 or Federal Form 3160-5 showing date/time of drilling		
Federal Form 3160-4 showing well was completed as a producer.		
IV. Attach a list of all working interest owners with their percentage interests.		
V. AFFIDAVIT:		
State of New Mexico		
SS.	•	
County of <u>Chaves</u> )		
Michael C. Tanana I. S. C. I. I.		
Michael G. Hanagan, being first duly sworn, upon oath states:		
1. I am the Operator, or authorized representative of the Operator, of the a 2. To the best of my knowledge, this application is complete and correct.	ıbove-refei	renced well.
		44444
SignatureTitlePresident	Dat	te 6/24 <sup>-</sup> /99
SUBSCRIBED AND SWORN TO before me this 24th day of June 1999		
	1	,
Paula a. Bak	er_	
Notary Public		
My Commission expires: 8/12/2001		
FOR OIL CONSERVATION DIVISION USE ONLY:		
VI. CERTIFICATION OF APPROVAL: This Application is hereby approved and the above-referenced well is designated a New notifies the Secretary of the Taxation and Revenue Department of this Approval.	Well. By o	copy hereof, the Division
Signature Mark John M.E. Spec.		Date 7- /- 99
VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE I	DEPARTM	ENT: 7/6/99

NOTICE: The operator must notify all working interest owners of this New Well certification.

P1212005848386

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT L
P.O. Box 1980, Hobbs, NM 88240

.

#### State of New Mexico Energy, Minerals and Natural Resources Department

Form C-105 Revised 1-1-89

DISTRICT I P.O. Box 1980, Hobbs,	NM 88240	C	OIL CO				DIV	SION	1		LL API 0-005-6		J	<del></del>	
DISTRICT II P.O. Drawer DD, Artesi	a, <b>NM 882</b> 10				) Pacheco ta Fe, N		87505			5. 1	5. Indicate Type of Lease STATE FEE				
DISTRICT III 1000 Rio Brazos Rd, A	ztec, NM 8741	10_								6.	State O	il & G	as Lease I		
WELL C	OMPLETIC	ON OR	RECOMP	LETIC	N REPOR	RT A	ND LC	G						A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	and the second s
1a. Type of Well:															
b. Type of Completion:  NEW WORK PLUG DIFF WELL OVER DEEPEN BACK RESVR OTHER							77	Twin Lakes San Andres Unit							
2. Name of Operator Hanagan Petroleu	ım Corpora	tion								8. V	Vell No. 11		_		
3. Address of Operator	<del></del>	<del>, '''</del>		<del></del>	····,					9. F	Pool nan	ne or W	Aldcat		
P.O. Box 1737 - F	Roswell, NM	88202	-1737							T	win Lai	kes S	an Andre	s (Asso	ciated)
4. Well Location		<del>"</del>												·	
Unit Letter .	:_	1700	Feet From	The	NORTI	<u>H</u>	Lim	e and		990	F	eet Fro	m The	WE	ST Line
Section	- 31		Township	88		inge		9E		NMPN		<del> </del>		Chav	
10. Date Spudded 01/02/99	11. Date T.D 01/14/		1	ite Com )2/08/9	pi. <i>(Ready to I</i> 99	Prod.)		13. Elevat 3984' R		(DF & I	RKB, R1	r, GR, e	etc.)	14. Elev	. Casinghead 3978'
15. Total Depth 2815'	16. F	Yug Back 27	T.D. 86'	17	'. If Multiple Co Many Zones	empl. H	ow		nterv		Rotary	Tools		Cable To	ools
19. Producing Interval(s 2668'-2708'	), of this comp	ietion - To	p, Bottom, Nar	ne		<del>,</del>		·····			<u> </u>	20	). Was Dir	ectional No	Survey Made
21. Type Electric and O Cased hole gam!			on/CCL								22. Wat	Well (	Cored	No	
23.		,	CASING	REC	CORD (R	Repor	rt all s	trings	set	in w	rell)				
CASING SIZE	WEIG	SHT LB/F		EPTH	——————————————————————————————————————	<del></del>	LE SIZ	<del></del>			IENTIN	G RE	CORD	AN	OUNT PULLED
8.625"	<u></u>	24		110			12.25"				3yds - Redi-Mix 0				
5.5"		15.50		281	2'	-	7.875"	,		965s)	965sx - circulated 162sx 0				
24.	l		LINER RE	COB	<del>i_</del>			4	-т			T1 15	ING RE	COPP	
SIZE	TOP		BOTTOM		ACKS CEM	ENT	SCI	REEN	+	25.	SIZE	105	DEPTH		PACKER SET
ULL	101		DOT TON		NORD OF IN	-171	.001	VEE!	-		2.375"		278		TAOREN GET
			<del></del>		···										
26. Perforation record	i (interval, si	ze, and n	umber)		<del> </del>		27. A	CID. SI	НОТ	Γ. FR	ACTU	RE.	CEMEN	T. SQL	JEEZE, ETC.
2668'-2674', 268				)1'-27(	03', 2706-0	8'		TH INTE							IAL USED
w/39 holes			·		·		2668-2699'				6000' gl 20% HC				
		•					7	2668'-27	708'		10,000gl 20% HCL acid			L acid	
							<u> </u>				l				<del> </del>
28.		<del></del>			RODUC'							·	144-11-04	4 (0	and an Object to b
Date First Production 02/10/99		FLOW											<u> </u>	proc	od. or Shut-in) lucing
Date of Test 02/10/99		24	Choke Si		Proofn For Test Period		OII - BbL 1:	3	Ge	s - MC tstm	F 		ater - BbL. 111	<u> </u>	Gas - Oil Ratio
Flow Tubing Press. 20#		psi	Calculate Hour Rai		OII - BbL. 13		Ge	s - MCF tstm	_1	Water	Nater - BbL. Oil Gravity - API - (Corr.) 111 24			•	
29. Disposition of Gas (	Sold, used for	fuel, vente	ed, etc.)										essed By nagan		
30. List Attachments 2 copies of logs,	deviation s	urvev red	cord	···· ·		·········	<del></del>				<b>k</b>		<del></del>		
31. I hereby certify that				thie for	m is true end o	omolet.	e to the l	and of ma	kom	vlarino	and holi	ed .	<del></del>		
	1/1-1				Printed Mich		6. Hana		- NJAJA		Pres			_	. 04/19/99
Signature ///	1. 10 C	<u>,, ,, ,, , , , , , , , , , , , , , , ,</u>			Name Wilci	1001 G	, i idilid	Acri		Title	1 100	-40111		De	te

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division 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 all specific tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 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

i. Allity	/	7	. Canyon	T. Ojo	Alamo	T. Per	nn. "B"
T. Salt		750.0	. Strawn	T. Kirtl	and-Frui	tland T. Per	nn. "B" nn. "C"
B. Salt		1	. Atoka	T. Picti	ured Clif	fs T. Per	nn. "D"
T. Yate	s	890.0	. Miss	T. Cliff	House	T. Lea	idville
T. 7 Riv	/ers	968.0 <sub>_</sub> T	. Devonian	T. Men	efee	T. Ma	dison
T. Que	en		. Silurian	T. Poir	t Looko	ut T. Elb	ert
T. Gray	burg	1	. Montoya	T. Man	cos	T. Mc	Cracken
T. San	Andres	2040.0 7	Simpson	T Gail	un	T lan	acio Otzte
T. Glori	eta	7	. McKee	Base C	reenho	m T. Gra	nite
T. Pado	dock	7	. Ellenburger	T. Dak	ota	T	nite
T. Bline	ebry	7	. Gr. Wash	T. Mon	rison	T	
T. Tubb		7	`. Delaware Sand _	T. Todi	ilto	T	
T. Drink	kard	7	. Bone Springs	T. Entr	ada	T	
T. Abo			· · · · · · · · · · · · · · · · · · ·	T. Wing	gate	T	·····
T. Wolfe	camp _	7	· <del></del>	T. Chir	nle	T	
T. Penr	າ	7	·	T. Perr	main	T	
T. Cisc	O (Bough	c) 1	· · <del></del>	T. Pen	n. "A" 🔔	T	
				S SANDS OF			•
No. 1, f	rom 265	6 t					
No. 2, f	rom	t	<b>)</b>	No.	4, from	to	
				TANT WATER			
Include	dete on	rate of water	r inflow and elevat				
			to				
NO. 2, 1		***************************************	to	••••••		;et	***************************************
140. 3, 1	10m		to				
		LITHOL	$\alpha \alpha v$ deadh			hand if management	
			OGY RECORI	リ (Attach add	litional s	neet if necessary)	
From	То	Thickness	Lithology	(Attach add	litional s To	Thickness	Lithology
From	То	·		<del></del>	T	<del></del>	1
From	То	Thickness		<del></del>	T	Thickness	T
From	То	Thickness		<del></del>	T	Thickness	T
From	То	Thickness		<del></del>	T	Thickness	T
From	То	Thickness		<del></del>	T	Thickness	T
From	То	Thickness		<del></del>	T	Thickness	1
From	То	Thickness		<del></del>	T	Thickness	1
From	То	Thickness		<del></del>	T	Thickness	T
From	То	Thickness		<del></del>	T	Thickness	T
From	То	Thickness		<del></del>	T	Thickness	T
From	То	Thickness			T	Thickness	T
From	То	Thickness			T	Thickness	T
From	То	Thickness			T	Thickness	T
From	То	Thickness			T	Thickness	1
From	То	Thickness			T	Thickness	1
From	То	Thickness			T	Thickness	1

	WELL NAME AND NUMBER Twin	Lakes San Andres Unit 311	
	LOCATION 1700' FNL & 990'	FWL, Section 31, T8S, R29E,	Chaves County NM
	OPERATOR Hanagan Petroleum	Corporation	·
	DRILLING CONTRACTOR United	Drilling, Inc.	
	of the drilling contractor	certifies that he is an aut who drilled the above descri obtained the following resul	bed well and had con-
	Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
	1/2° 545'		
-	1/4° 1008'		
	1/2° 1504'		<del> </del>
	3/4° 2032'		•
	3/4° 2531'		•
	<u> </u>		
	***************************************		
		**************************************	
		Drilling Contractor Unit	ed Drilling, Inc.
		By:	ze a. aho
		Title: Busi	ness Manager
		. <i>H</i>	1
	Subscribed and sworn to befull 1999.	ore me this 18th day of	January,
	1,77.	Karma	Jan harden
		Notar	y Public
	W. C	5-99	CN CM
	My Commission Expires: 9-20	Chauls	State

Submit 3 Copies to Appropriate District Office

#### State of New Mexico Energy, Minerals and Natural Resources Department

Form C-103 Revised 1-1-89

OISTOICT I

OIL CONSERVATION DIVISION

P.O. Bo	x 1980,	Hobbs,	NM	88240

2040 Pacheco St.

VELL API NO.			
30-005-63194			
	<u>.</u>		

DATE

Santa Fe, NM 87505 DISTRICT II P.O. Drawer DD, Artesia, NM 88210 sindicate Type of Lease FEE STATE DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410 State Oil & Gas I ease No. SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A ¿Lease Name or Unit Agreement Name DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" Twin Lakes San Andres Unit (FORM C-101) FOR SUCH PROPOSALS.) Type of Well: WELL X well  $\square$ OTHER «Well No. aName of Operator HANAGAN PETROLEUM CORPORATION 311 Pool name or Wildcat Address of Operator P.O. BOX 1737 - ROSWELL, NM - 88202-1737 Twin Lakes San Andres (Associated) Well I ocation 1700 Feet From The North West Unit Letter Line and Feet From The Line **CHAVES** 88 296 Section Township **NMPM** County tdElevation (Show whether DF, RKB, RT, GR, etc.) 3984'kb Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: PLUG AND ABANDON PERFORM REMEDIAL WORK REMEDIAL WORK **ALTERING CASING** TEMPORARILY ABANDON COMMENCE DRILLING OPNS. PLUG AND ANBANDONMENT **CHANGE PLANS PULL OR ALTER CASING** CASING TEST AND CEMENT JOB OTHER: OTHER: 12Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103. 1/2/99 - MIRU United Drilling Co. Rig #10 - drill 12.25" hole to 110' w/air - run 3jts 8.625" 24#/ft casing to TD - RU Valley Concrete & cement w/3yds Redi-Mix to surface - RD Rig #10 1/14/99 - TD 7.875" hole @ 2815' - Run 64jts of 5.5", 15.50#/ft 8rd J55 casing w/shoe @ 2812' (KB) -RU BJ Services & cement w/765sx 50% "C"/50% Poz w/5#-sk salt + 10% bentonite lead cement(weight=11.80#/gl / yield = 2.39), tailed in w/200sx Class "C" cement (weight=14.80#/gl / yield=1.32), circulate 162sx cement to pits - Release rig I hereby certify that the information above True and complete to the best of my knowledge and belief. TITLE President DATE 01-20-99 SIGNATURE TELEPHONE NO. 623-5053 TYPE OR PRINT NAME Michael G. Hanagan

TITLE

CONDITIONS OF APPROVAL, IF ANY:

(This space for State Use)

APPROVED BY

## Attachment to Form C-142

## **WORKING INTEREST OWNERS**

Hanagan Petroleum Corporation Twin Lakes San Andres Unit Well #311

Weeks & Stroecker Twin Lakes, LLC P.O. Box 1230 Fairbanks, AK 99707-1230

Mr. Rick Winther 3175 College Rd., Suite 1 Fairbanks, AK 99709

Nabob Production Company P.O. Box 9598 Amarillo, TX 79105-9598

Entech Enterprises 4900 Woodway, Suite 800 Houston, TX 77056-1809

United Drilling Company P.O. Box 2488 Roswell, NM 88202-0310

Eik Oil Company P.O. Box 310 Roswell, NM 88202-0310

Tres Featherstone 1801 West Second Street Roswell, NM 88201

Olen Featherstone, II 1801 West Second Street Roswell, NM 88201

Aceite Associates, LLC 1801 West Second Street Roswell, NM 88201

Manzano Oil Corporation P.O. Box 2107 Roswell, NM 88202-2107 Reynolds Family Trust P.O. Box 1498 Roswell, NM 88202-1498

Western Oil Producers P.O. Box 2055 Roswell, NM 88202-2055

W.E.K. Drilling Co., Inc. P.O. Box 1498 Roswell, NM 88202-1498

TJ & 4K Partnership Route 1, 2904 Ave. De Amigos Roswell, NM 88201

Richard J. Forrest, Jr. 208 Dickson Lane Carlsbad, NM 88220

New Mexico Western Minerals, Inc. P.O. Box 1738
Roswell, NM 88202-1738

Mikens, LLC P.O. Box 1737 Roswell, NM 88202-1737

Hanagan Petroleum Corporation P.O. Box 1737 Roswell, NM 88202-1737

			37
			•
			•
			· ···································
			Section 1.
			•
		•	
·			
	•		