

PVZ/2005848386

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1880, Hobbs, NM 88240

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

DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO. 30-005-63194
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>		7. Lease Name or Unit Agreement Name Twin Lakes San Andres Unit	
b. Type of Completion: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Well No. 311	
2. Name of Operator Hanagan Petroleum Corporation		9. Pool name or Wildcat Twin Lakes San Andres (Associated)	
3. Address of Operator P.O. Box 1737 - Roswell, NM 88202-1737			
4. Well Location Unit Letter <u>D</u> : <u>1700</u> Feet From The <u>NORTH</u> Line and <u>990</u> Feet From The <u>WEST</u> Line Section <u>31</u> Township <u>8S</u> Range <u>29E</u> NMPM <u>Chaves</u> County			
10. Date Spudded 01/02/99	11. Date T.D. Reached 01/14/99	12. Date Compl. (Ready to Prod.) 02/08/99	13. Elevations (DF & RKB, RT, GR, etc.) 3984' RKB
14. Elev. Casinghead 3978'			
15. Total Depth 2815'	16. Plug Back T.D. 2786'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools <input checked="" type="checkbox"/> Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 2668'-2708'			20. Was Directional Survey Made No
21. Type Electric and Other Logs Run Cased hole gamma ray/comp. neutron/CCL			22. Was Well Cored No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8.625"	24	110'	12.25"	3yds - Redi-Mix	0
5.5"	15.50	2812'	7.875"	965sx - circulated 162sx	0

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2.375"	2781	
26. Perforation record (interval, size, and number) 2668'-2674', 2681'-83', 2689'-91', 2695'-99', 2701'-2703', 2706-08' w/39 holes				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.			
				DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED	
				2668-2699'		6000' gal 20% HCL acid	
				2668'-2708'		10,000gal 20% HCL acid	

28. PRODUCTION							
Date First Production 02/10/99		Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING				Well Status (Prod. or Shut-in) producing	
Date of Test 02/10/99	Hours Tested 24	Choke Size 1.0"	Prod'n For Test Period	Oil - Bbl. 13	Gas - MCF tstn	Water - Bbl. 111	Gas - Oil Ratio
Flow Tubing Press. 20#	Casing Pressure 0psi	Calculated 24-Hour Rate	Oil - Bbl. 13	Gas - MCF tstn	Water - Bbl. 111	Oil Gravity - API - (Corr.) 24	
29. Disposition of Gas (Sold, used for fuel, vented, etc.)						Test Witnessed By M. Hanagan	

30. List Attachments

2 copies of logs, deviation survey record

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature  Printed Name Michael G. Hanagan Title President Date 04/19/99

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

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____ 750.0	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 890.0	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 968.0	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 2040.0	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 2856 to 2714 No. 3, from to
No. 2, from to No. 4, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet

No. 2, from to feet

No. 3, from to feet

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology

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.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and had conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1/2° 545'</u>	<u> </u>	<u> </u>
<u>1/4° 1008'</u>	<u> </u>	<u> </u>
<u>1/2° 1504'</u>	<u> </u>	<u> </u>
<u>3/4° 2032'</u>	<u> </u>	<u> </u>
<u>3/4° 2531'</u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>

Drilling Contractor United Drilling, Inc.

By: Dwight A. Aho

Title: Business Manager

Subscribed and sworn to before me this 18th day of January,
1999.

Kasimo Tanberley
Notary Public

My Commission Expires: 9-25-99

Chaves NM
County State

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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

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

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO.
30-005-63194

Indicate Type of Lease

STATE ☐

FEE ☒

State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

Type of Well:

OIL
WELL ☒

GAS
WELL ☐

OTHER

Name of Operator
HANAGAN PETROLEUM CORPORATION

Address of Operator
P.O. BOX 1737 - ROSWELL, NM - 88202-1737

Well No.
311

Pool name or Wildcat
Twin Lakes San Andres (Associated)

Well Location

Unit Letter D : 1700 Feet From The North Line and 990 Feet From The West Line

31 Section 8s Township 29e Range NMPM CHAVES County

Elevation (Show whether DF, RKB, RT, GR, etc.)

3984'kb

11

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ANBANDONMENT ☐

CASING TEST AND CEMENT JOB ☒

OTHER: ☐

Describe 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 is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature] TITLE President

DATE 01-20-99

TYPE OR PRINT NAME Michael G. Hanagan

TELEPHONE NO. 623-5053

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Attachment to Form C-142WORKING 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

Reynolds Family Trust
P.O. Box 1498
Roswell, NM 88202-1498

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

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

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

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

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

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

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

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

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

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

Tres Featherstone
1801 West Second Street
Roswell, NM 88201

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

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

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

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

Manzano Oil Corporation
P.O. Box 2107
Roswell, NM 88202-2107

