

Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies <u>District I</u> 1625 N French Dr, Hobbs, NM 88240 <u>District II</u> 1301 W Grand Avenue, Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd, Aztec, NM 87410 <u>District IV</u> 1220 S. St Francis Dr, Santa Fe, NM 87505	<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b>  <b>Oil Conservation Division</b> <b>1220 South St. Francis Dr.</b> <b>Santa Fe, NM 87505</b>	<b>Form C-105</b> Revised June 10, 2003  WELL API NO. <b>30-005-62813</b>  5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>  State Oil & Gas Lease No. <b>V-6371</b>
<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>		
1a. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____  b. Type of Completion. NEW <input type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG <input checked="" type="checkbox"/> DIFF WELL OVER BACK RESVR. <input checked="" type="checkbox"/> OTHER		7. Lease Name or Unit Agreement Name  <b>Puffer BDF State Com</b>
2. Name of Operator  <b>HANSON OPERATING COMPANY, INC.</b>		8. Well No  <b>#1</b>
3. Address of Operator <b>P. O. Box 1515, Roswell, New Mexico 88202-1515</b>		9. Pool name or Wildcat <b>Palma Mesa Wolfcamp</b>
4. Well Location Unit Letter <u>D</u> : <u>660</u> Feet From The <u>North</u> Line and <u>990</u> Feet From The <u>West</u> Line  Section <u>24</u> Township <u>8 South</u> Range <u>27 East</u> NMPM <u>Chaves</u> County		
10. Date Spudded <b>01/15/1991</b>	11. Date T.D. Reached <b>02/07/1991</b>	12. Date Compl (Ready to Prod.) <b>05/24/2007</b>
13. Elevations (DF& RKB, RT, GR, etc.) <b>3940' GR</b>		14. Elev Casinghead
15. Total Depth <b>6810'</b>	16. Plug Back T.D. <b>6225'</b>	17. If Multiple Compl. How Many Zones? <b>0-6810'</b>
18. Intervals Drilled By <b>Rotary Tools</b>		19. Producing Interval(s), of this completion - Top, Bottom, Name <b>5540' - 5598' Wolfcamp</b>
20. Was Directional Survey Made <b>No</b>		21. Type Electric and Other Logs Run <b>LDT/CNL, DLL/MSFL, BHC</b>
22. Was Well Cored <b>No</b>		23. <b>CASING RECORD (Report all strings set in well)</b>
CASING SIZE	WEIGHT LB./FT	DEPTH SET
<b>8 5/8'</b>	<b>24#</b>	<b>1600'</b>
<b>5 1/2"</b>	<b>15.5#</b>	<b>6809'</b>
24. <b>LINER RECORD</b>		25. <b>TUBING RECORD</b>
SIZE	TOP	BOTTOM
SACKS CEMENT	SCREEN	SIZE
		<b>2 3/8"</b>
		DEPTH SET
		<b>5497'</b>
		PACKER SET
		<b>5497'</b>
26. Perforation record (interval, size, and number)		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
6294' - 6336' 21 holes, CIBP at 6260'		DEPTH INTERVAL
6096' - 6222' 48 holes, RBP at 5612'		AMOUNT AND KIND MATERIAL USED
5634' - 5792' 53 holes, RBP at 5612'		<b>6294' - 6336'</b>
5540' - 5598', 46 holes		<b>3,000 gal 20% acid</b>
5256' - 5266', 22 holes, Packer at 5497'		<b>6096' - 6222'</b>
		<b>5,000 gal 20% acid</b>
		<b>5634' - 5792'</b>
		<b>5,000 gal 20% acid</b>
		<b>5540' - 5598'</b>
		<b>5,000 gal 20% acid</b>
		<b>5256' - 5266'</b>
		<b>1,500 gal 15% acid</b>
<b>28. PRODUCTION</b>		
Date First Production <b>07/24/2007</b>	Production Method (Flowing, gas lift, pumping - Size and type pump) <b>Flowing</b>	Well Status (Prod or Shut-in) <b>Producing</b>
Date of Test <b>08/09/2007</b>	Hours Tested <b>24</b>	Choke Size <b>20/64</b>
Prod'n For Test Period	Oil - Bbl <b>0</b>	Gas - MCF <b>341</b>
Water - Bbl <b>0</b>	Gas - Oil Ratio <b>341000/0</b>	
Flow Tubing Press <b>475</b>	Casing Pressure	Calculated 24-Hour Rate
	Oil - Bbl <b>0</b>	Gas - MCF <b>341</b>
	Water - Bbl <b>0</b>	Oil Gravity - API - (Corr.)
29. Disposition of Gas (Sold, used for fuel, vented, etc ) <b>Sold</b>		Test Witnessed By
30. List Attachments		
31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief		
Signature <i>Carol J. Smith</i>		Printed Name <b>Carol J. Smith</b>
E-mail Address <b>hanson@dfn.com</b>		Title <b>Production Analyst</b> Date <b>11/15/2007</b>

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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	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss 6338'	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya 6366'	T. Mancos	T. McCracken
T. San Andres 1564'	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 2762'	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinbry	T. Gr. Wash 6700'	T. Morrison	T.
T. Tubb 4161'	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Springs	T. Entrada	T.
T. Abo 4878'	T.	T. Wingate	T.
T. Wolfcamp 5550'	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.....6371.....to.....6452.....  
No. 2, from.....to.....  
No. 3, 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
0	1600	1600	Anhy, sand, lime
1600	2715	1115	Dol, lime and anhy
2715	4875	2160	Sand, lime and shale
4875	5550	675	Sand, red shale
5550	5950	400	Lime
5950	6338	388	Lime, sand, shale
6338	6700	362	Dolomite
6700	6800	100	Granite

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised October 12, 2005  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number <b>30-005-62813</b>	<sup>2</sup> Pool Code <b>97413</b>	<sup>3</sup> Pool Name <b>Palma Mesa Wolfcamp</b>
<sup>4</sup> Property Code <b>303238</b>	<sup>5</sup> Property Name <b>Puffer BDF State Com</b>	<sup>6</sup> Well Number <b>#1</b>
<sup>7</sup> OGRID No. <b>009974</b>	<sup>8</sup> Operator Name <b>Hanson Operating Company, Inc.</b>	<sup>9</sup> Elevation <b>3940.3' GR</b>

<sup>10</sup> Surface Location

UL or lot no. <b>D</b>	Section <b>24</b>	Township <b>8 South</b>	Range <b>27 East</b>	Lot Idn	Feet from the <b>660</b>	North/South line <b>North</b>	Feet from the <b>990</b>	East/West line <b>West</b>	County <b>Chaves</b>
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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<sup>12</sup> Dedicated Acres <b>320</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<div><p><sup>16</sup></p><p>A diagram showing a well location. A horizontal line is labeled '990'' and a vertical line is labeled '660''. A small circle is at the intersection of these two lines, representing the well location.</p></div>	<div><p><sup>17</sup> <b>OPERATOR CERTIFICATION</b></p><p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division</i></p><p><i>Carol J. Smith</i> 11/12/2007 Signature Date</p><p>Carol J. Smith Printed Name</p></div>
<div><p><sup>18</sup> <b>SURVEYOR CERTIFICATION</b></p><p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief</i></p><p>November 5, 1990 Date of Survey</p><p>Refer to Original Plat Signature and Seal of Professional Surveyor</p><p>John W. West, 676 Certificate Number</p></div>	

Submit 2 copies to Appropriate

District Office.

DISTRICT I

1625 N French Dr , Hobbs, NM 88240

DISTRICT II

811 South First Street, Artesia, NM 88210-2834

DISTRICT III

1000 Rio Brazos Road, Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-116

Revised 1/1/89

## OIL CONSERVATION DIVISION

1220 S. St. Francis Drive  
Santa Fe, New Mexico 87504

### GAS-OIL RATIO TEST

Operator HANSON OPERATING COMPANY, INC.				Pool Palma Mesa Wolfcamp				County Chaves								
Address P. O. Box 1515, Roswell, New Mexico 88202-1515				TYPE OF TEST - (X)		Scheduled <input type="checkbox"/>		Completion <input checked="" type="checkbox"/>		Special <input type="checkbox"/>						
LEASE NAME	WELL NO.	LOCATION				DATE OF TEST	STA TUS	SIZE	TBG. PRESS.	DAILY ALLOW- ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST				GAS-OIL RATIO CUFT/BBL
		U	S	T	R							WATER BBLs.	GRAV. OIL	OIL BBLs.	GAS MCF	
Puffer BDF State Com 30-005-62813	#1	D	24	8S	27E	08/09/2007	F				24	0		0	341	341000/0

Instructions:

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Division.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60 F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

(See Rule 301, Rule 1116 & appropriate pool rules.)

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

*Carol J. Smith*

Signature

Carol J. Smith, Production Analyst

Printed Name and Title

11/15/2007

Date

505-622-7330

Telephone No.