

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

State of New Mexico  
Energy Minerals and Natural Resources

Form C-101  
May 27, 2004

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

RECEIVED Submit to appropriate District Office

MAR 01 2006

☐ AMENDED REPORT

OCU-MTEAM

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

<sup>1</sup> Operator Name and Address Samson Resources Company 200 N. Lorraine Street, Ste 1010 Midland, TX 79701		<sup>2</sup> OGRID Number 20165	
		<sup>3</sup> API Number 30-015-23729	
<sup>5</sup> Property Code 9912	<sup>4</sup> Property Name Loving 1 State		<sup>6</sup> Well No. 1
<sup>9</sup> Proposed Pool 1 Loving Southeast (Atoka)		<sup>10</sup> Proposed Pool 2 New field-operator proposes: Loving Southeast (Strawn)	

<sup>7</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	1	24S	27E		990	North	1980	East	Eddy

<sup>8</sup> Proposed 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

Additional Well Information

<sup>11</sup> Work Type Code P	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3114
<sup>16</sup> Multiple Yes	<sup>17</sup> Proposed Depth 12158	<sup>18</sup> Formation Morrow	<sup>19</sup> Contractor	<sup>20</sup> Spud Date 4/17/1981
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
<sup>21</sup> Proposed Casing and Cement Program				
Pit: Liner: Synthetic <input type="checkbox"/> _____ mils thick Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method: _____				
Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

<sup>21</sup> Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

ND tree, NU BOP  
Set CIBP @ 12193'. Dump 35' cmt cap.  
Perforate Atoka (11526-11828') and acdz w/3000 gal 15%.  
Test  
Set RBP @ 11420'  
Perforate Strawn (11202-382') and acdz w/3000 gal 15%.  
Test  
Set pkr @ 11100'  
ND BOP, NU tree.  
Test  
Should both the Atoka and Strawn zones prove productive, plans are to downhole commingle.  
H<sub>2</sub>S is not present

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: Ken Krawietz

Title: District Engineer

E-mail Address: kkrwietz@samson.com

Date: 2/14/2006

Phone: (432) 683-7063

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date: MAR 06 2006

Expiration Date:

MAR 06 2007

Conditions of Approval Attached ☐

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-63

All distances must be from the outer boundaries of the Section.

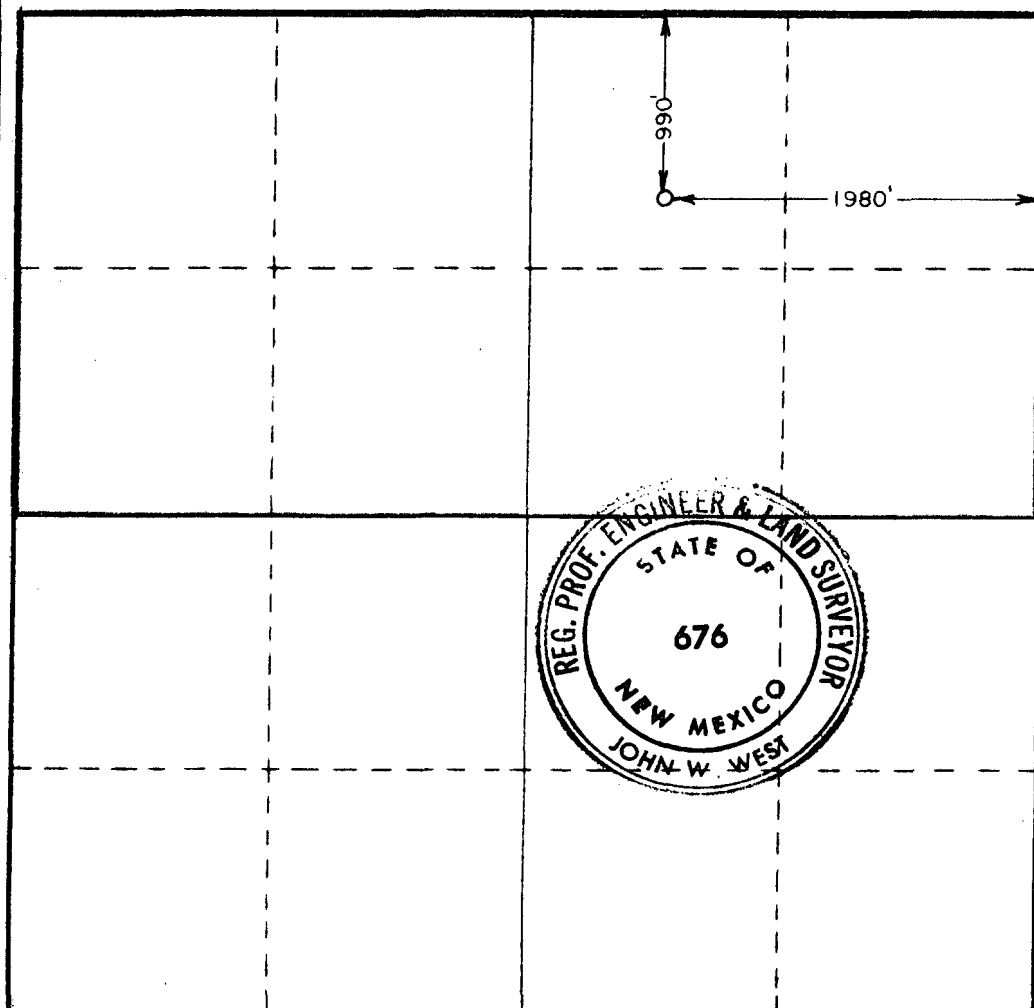
Operator HNG Oil Company			Lease Loving 1 State			Well No. 1		
Unit Letter B	Section 1	Township 24 South	Range 27 East	County Eddy				
Actual Footage Location of Well: 990 feet from the North line and 1980 feet from the East line								
Ground Level Elev. 3114.3	Producing Formation		Pool		Dedicated Acreage: Acres			

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Name  
Sr. Landman  
Position  
Samson Resources  
Company  
2-27-06  
Date

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 knowledge and belief.

Date Surveyed  
3-21-81  
Registered Professional Engineer  
and/or Land Surveyor

Certificate No. JOHN W. WEST 676  
PATRICK A. ROMERO 6663  
Ronald J. Eidson 3239

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600