

SUBMIT IN TRIPLICATE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
N.M. Oil Cons. DIV-Dist. 2  
1801 W. Grand Avenue  
Artesia, NM 88210

FORM APPROVED  
Budget Bureau No. 1004-0136  
Expires: December 31, 1991

APPLICATION FOR PERMIT TO DRILL OR DEEPEN		5. Lease Designation and Serial No. NMNM-98122
1a. Type of Work <b>DRILL</b> <input type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>		6. If Indian, Alottee or Tribe Name N/A
1b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> PLUGBACK TO WOLFCAMP <input type="checkbox"/>		7. If Unit or CA, Agreement Designation 29742
2. Name of Operator CHEVRON USA INC		8. Well Name and Number SKELLY UNIT
3. Address and Telephone No. 15 SMITH ROAD, MIDLAND, TX 79705 915-687-737		9. API Well No. 30-015-32895
4. Location of Well (Report location clearly and in accordance with any State requirements.) At Surface Unit Letter D : 990' Feet From The NORTH Line and 990' Feet From The WEST Line At proposed prod. zone		10. Field and Pool, Exploatory Area HENSHAW; WOLFCAMP, SE (OIL)
14. Distance In Miles and Direction from Nearest Town or Post Office*		11. SEC., T., R., M., or BLK. and Survey or Area Sec. 21, Township 17-S, Range 31-E
15. Distance From Proposed* Location to Nearest Property or Lease Line, Ft. (also to nearest drlg. unit line, if any)	16. No. of Acres in Lease	12. County or Parish EDDY
18. Distance From Proposed Location* to Nearest Well, Drilling, Completed or Applied For, On This Lease, Ft.	19. Proposed Depth 11,850	13. State NM
21. Elevations (Show whether DF, RT, GR, etc.) 3740' GL		17. No. of Acres Assigned To This Well
22. Approx. Date Work Will Start*		20. Rotary or Cable Tools ROTARY

23 PROPOSED CASING AND CEMENT PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	48#	459'	490 SX
12 1/4"	8 5/8"	32#	4420'	2892 SX
7 7/8"	5 1/2"	17#	11,831'	3070 SX

CHEVRON U.S.A. INC. INTENDS TO RECOMLETE THE SUBJECT WELL TO THE WOLFCAMP RESERVOIR IN THE HENSHAW FIELD. THE INTENDED PROCEDURE IS AS FOLLOW:

MIRU PU. RU SWAB UNIT. SWAB ATOKA. REL PKR. SET CIBP @ 11,150 & DUMP BAIL 35' CEMENT TO ABANDON ATOKA PERFS 11,180-91'. SET CIBP @ 9560'. PERF 9400-04,9414-18,9420-24,9434-38,9450-57. TIH W/PKR & SET @ 9350. PERFORM ACID BREAK DOWN. RU SWAB UNIT & SWAB WOLFCAMP. FRAC STIMULATE WOLFCAMP W/10,000 GALS DGA320 (20% ACID), 18,000 GALS SXE & 3490 GALS WF110. TIH W/2 7/8" PROD TBG. SET SN @ LEAST 50' BELOW BTM PERF. SWAB. NDBOP. NU TREE. TIH W/RDS & PMP & HANG WELL ON. RDMOPU. RETURN WELL TO PRODUCTION & PLACE ON TEST.

CURRENT & PROPOSED WELLBORE DIAGRAMS IS ATTACHED FOR YOUR APPROVAL.

RECEIVED

MAR 19 2004

OCD-ARTESIA

In Above Space Describe Proposed Program: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured true verticle depths. Give blowout preventer program, if any.	
24. I hereby certify that the foregoing is true and correct	
SIGNATURE <i>Denise Leake</i>	TITLE Regulatory Specialist
TYPE OR PRINT NAME Denise Leake	
(This space for Federal or State office use)	
PERMIT NO. _____ APPROVAL DATE _____	
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	
APPROVED	
CONDITIONS OF APPROVAL, IF ANY:	TITLE DATE
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.	

APPROVED
SGD. ALEXIS C. SWOBODA
MAR 17 2004
DATE 3/16/2004
ALEXIS C. SWOBODA
PETROLEUM ENGINEER

## DISTRICT I

P.O. Box 1980, Hobbs, NM 88241-1980

## DISTRICT II

P.O. Box Drawer DD, Artesia, NM 88211-0719

## DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

## DISTRICT IV

P.O. Box 2088, Santa Fe, NM 87504-2088

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

**OIL CONSERVATION DIVISION**

P.O. Box 2088  
 Santa Fe, New Mexico 87504-2088

Form C-102

Revised February 10, 1999

Instructions on back

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 30-015-32895	<sup>2</sup> Pool Code 96520	<sup>3</sup> Pool Name HENSHAW; WOLFCAMP, SE (OIL)
<sup>4</sup> Property Code 29742	<sup>5</sup> Property Name SKELLY UNIT	<sup>6</sup> Well No. 952
<sup>7</sup> OGRID Number 4323	<sup>8</sup> Operator Name CHEVRON USA INC	<sup>9</sup> Elevation 3740' GL

<sup>10</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
D	21	17-S	31-E		990'	NORTH	990'	WEST	EDDY

<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

<sup>12</sup> Dedicated Acre 40	<sup>13</sup> Joint or Infill No	<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

<sup>17</sup> OPERATOR CERTIFICATION

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

Signature

Printed Name

Denise Leake

Position

Regulatory Specialist

Date

3/16/2004

<sup>18</sup> SURVEYOR CERTIFICATION

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

Signature &amp; Seal of Professional Surveyor

Certificate No.

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

Well: Skelly Unit #952

Field: Cedar Lake North

Reservoir: Morrow

**Location:**

990' FSL & 990' FWL  
 Section: 21  
 Township: 17S  
 Range: 31E Unit: M  
 County: Eddy State: NM

**Elevations:**

GL: 3740'  
 KB: 3756'  
 DF: 3757'

**Log Formation Tops**

San Andres	
Glorieta	
Paddock	
Abo	
Wolfcamp	
Strawn	
Atoka	
Morrow	
Mississippian	

**TUBING DETAIL -**

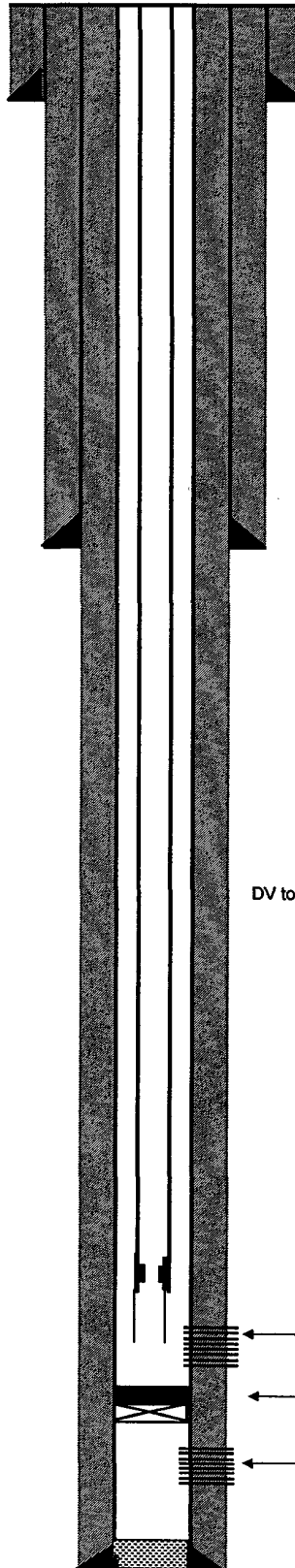
1 31' 2 7/8" 6.5# L-80  
 1 10' x 2 7/8" sub 6.5# L-80  
 1 6' x 2 7/8" sub 6.5# L-80  
 355- 2-7/8" L-80 8rd 6.5# tbg  
 1 On Off tool w/ 2.31" F profile  
 1 5 1/2" Baker Model M pkr @ 11089'  
 1 10' x 2 7/8" tbg sub  
 1 2.25" R nipple  
 1 8' x 2 7/8" tbg sub  
 EOT landed @ 11114'

Baker Model M pkr @ 11531'  
 EOT @ 11114'

COTD: 11750'  
 PBTD: 11750'  
 TD: 11850'

Updated: 3/11/2004 CHSS

**Current**  
**Wellbore Diagram**

**Well ID Info:**

Chevno: HL3456  
 API No: 30-015-32895  
 L5/L6:  
 Spud Date: 8/13/2003  
 Rig Released: 9/24/2003  
 Compl. Date: 10/10/2003

**Surface Csg: 13 3/8" 48# H-40 STC**

Set: @ 459' w/ 490 sx Class C cmt  
 Hole Size: 17 1/2"  
 Circ: Yes TOC: Surface  
 TOC By: Circulation

**Initial Completion:**

10/9/2003 Perf 11617'-11629' (6 spf TCP guns)  
 IP: 237 BO 2270 MCF

**Subsequent Work**

1/1/2003 Frac 11658-11674' w/33,000 gal 65Q CO2 Foam  
 & 34,360# Carbo Prop Sd

**Intermediate Csg: 8 5/8" 32# K-55 LT&C**

Set: @ 4420' w/ 2892sx  
 Hole Size: 12 1/4"  
 Circ: No TOC: 27'  
 TOC By:

**Prod. Csg: 5 1/2" 17# I-80**

Set: @ 11848' w/3070 sx cmt  
 Hole Size: 7 7/8"  
 Circ: Yes TOC: Surface  
 TOC By: Circulation

DV tool @ 8536'

{ Perfs  
 11180-11191'

Status  
 Atoka - Open

CIBP @ 11,590' w/35' cmt

{ Perfs  
 11617-11629'

Status  
 Morrow - Abandoned

By: C.S. Stallard

Well: Skelly Unit #952

Field: Cedar Lake North

Reservoir: Wolfcamp

**Location:**

990' FSL & 990' FWL  
 Section: 21  
 Township: 17S  
 Range: 31E Unit: M  
 County: Eddy State: NM

**Elevations:**

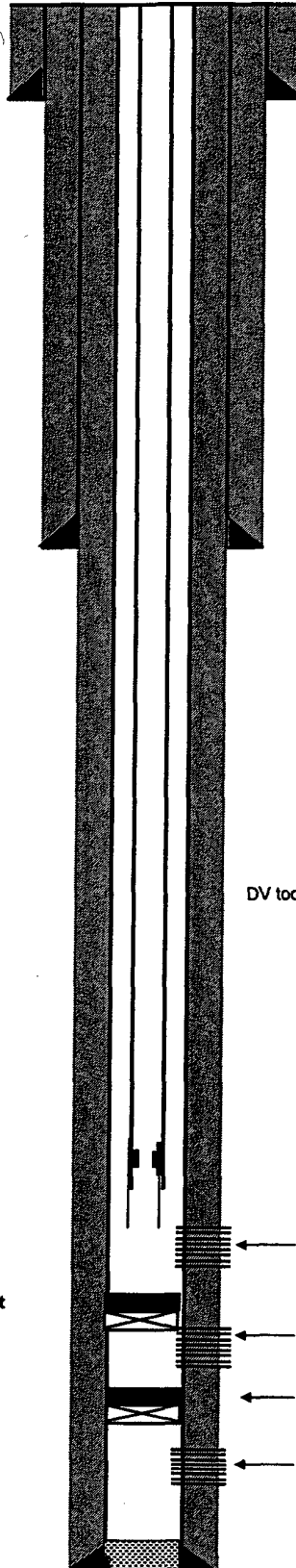
GL: 3740'  
 KB: 3756'  
 DF: 3757'

**Log Formation Tops**

San Andres	
Glorieta	
Paddock	
Abo	
Wolfcamp	
Strawn	
Atoka	
Morrow	
Mississippian	

**TUBING DETAIL -**

1 31' 2 7/8" 6.5# L-80  
 1 10' x 2 7/8" sub 6.5# L-80  
 1 6' x 2 7/8" sub 6.5# L-80  
 355- 2-7/8" L-80 8rd 6.5# tbg  
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 1 2.25" R nipple  
 1 8' x 2 7/8" tbg sub  
 EOT landed @ 11114'

**Proposed  
Wellbore Diagram****Well ID Info:**

Chevno: HL3456  
 API No: 30-015-32895  
 L5/L6:  
 Spud Date: 8/13/2003  
 Rig Released: 9/24/2003  
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**Surface Csg: 13 3/8" 48# H-40 STC**

Set: @ 459' w/ 490 sx Class C cmt  
 Hole Size: 17 1/2"  
 Circ: Yes TOC: Surface  
 TOC By: Circulation

**Initial Completion:**

10/9/2003 Perf 11617-11629' (6 spf TCP guns)  
 IP: 237 BO 2270 MCF

**Subsequent Work**

12/4/2003 Perf 11180-11191 Atoka

**Intermediate Csg: 8 5/8" 32# K-55 LT&C**

Set: @ 4420' w/ 2892sx  
 Hole Size: 12 1/4"  
 Circ: No TOC: 27'  
 TOC By:

**Prod. Csg: 5 1/2" 17# I-80**

Set: @ 11848' w/3070 sx cmt  
 Hole Size: 7 7/8"  
 Circ: Yes TOC: Surface  
 TOC By: Circulation

DV tool @ 8536'

CIBP @ 9560' w/35' cmt

Baker Model M pkr @ 11581'  
 EOT @ 11114'

COTD: 11750'  
 PBTD: 11750'  
 TD: 11850'

Perfs  
 9400-9404'; 9414-9418'; 9420-9424' WolfCamp - Open  
 9434-9438' & 9450-9457. (2SPF)

Perfs  
 11180-11191' Status  
 Atoka - Abandoned

CIBP @ 11,590' w/35' cmt

Perfs  
 11617-11629' Status  
 Morrow - Abandoned

Updated: 3/11/2004 CHSS

By: C.S. Stallard