

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-101

Revised February 10, 1999

Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
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☐ AMENDED REPORT

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

¹ Operator Name and Address CHEVRON USA INC 15 SMITH ROAD, MIDLAND, TX 79705		² OGRID Number 4323
		³ API Number 30-025-06685
⁴ Property Code 2634	⁵ Property Name C. L. HARDY	⁶ Well No. 2

⁷ Surface Location									
Ul or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
N	20	21-S	37-E		554'	SOUTH	2086'	WEST	LEA

⁸ 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
⁹ Proposed Pool 1 PENROSE SKELLY GRAYBURG					¹⁰ Proposed Pool 2				

¹¹ Work Type Code P	¹² Well Type Code O	¹³ Rotary or C.T. ROTARY	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3495' GL
¹⁶ Multiple No	¹⁷ Proposed Depth 6675'	¹⁸ Formation GRAYBURG	¹⁹ Contractor	²⁰ Spud Date 3/15/2004

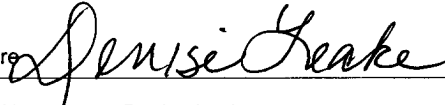
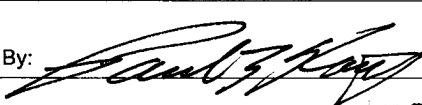
²¹ Proposed Casing and Cement Program					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
NO CHANGE					

²² 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.

CHEVRON U.S.A. INC. INTENDS TO RECOMPLETE THE SUBJECT WELL FROM THE DRINKARD FIELD TO THE GRAYBURG POOL, ACIDIZE & FRAC.

THE INTENDED PROCEDURE IS AS FOLLOWS:

MIRU. TIH TO 5100. TIH W/RBP TO 5000 & SET. DUMP 20' SAND ON TOP OF RBP. PUH TO 4500. RUN GR/CBL/CCL LOG FR 5080-2600. PERF FR 3674-76, 3681-83, 3690-93, 3698-3702, 3713-16, 3722-25, 3732-34, 3742-44, 3748-52, 3766-68, 3779-83, 3791-93, 3800-03, 3812-15, 3838-42, 3850-55, 3876-80, 3890-92 & 3905-10. TIH W/PKR & SET @ 3650. ACIDIZE PEFS 3674-3910 W/3800 GALS ANTI-SLUDGE 15% HCL ACID. REL PKR & PUH TO 3650. SWAB BACK. REL PKR. TIH W/PKR & SET @ 3550. INSTL FRAC HEAD. FRAC W/66,000 GALS YF135, & SAND. SWAB WELL. REL PKR. TIH W/MA, PERF SUB, SN, TBG, & TAC. TAC @ 3605. EOT @ 3955. SN @ 3920. REM BOP. TIH W/PMP & RDS. TURN WELL OVER TO PRODUCTION.

²³ I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: 		Approved By: 	
Printed Name: Denise Leake		Title: PETROLEUM ENGINEER	
Title: Regulatory Specialist		Approval Date:	Expiration Date:
Date: 3/11/2004	Telephone: 915-687-7375	Conditions of Approval: Attached ☐	

CURRENT WELL DATA SHEET

Field: Drinkard
 Location: 554' FSL & 2086' FWL
 County: Lea State: New Mexico
 Current Status: PR - Oil
 Current Producing Formation(s): Drinkard

Well Name: C. L. Hardy #2
 Sec: 20-N Township: 21S
 Refno: FA7786 API: 30-025-06685

Lease Type: Fee
 Range: 37E
 Cost Center: UCU413300

Surface Csg.

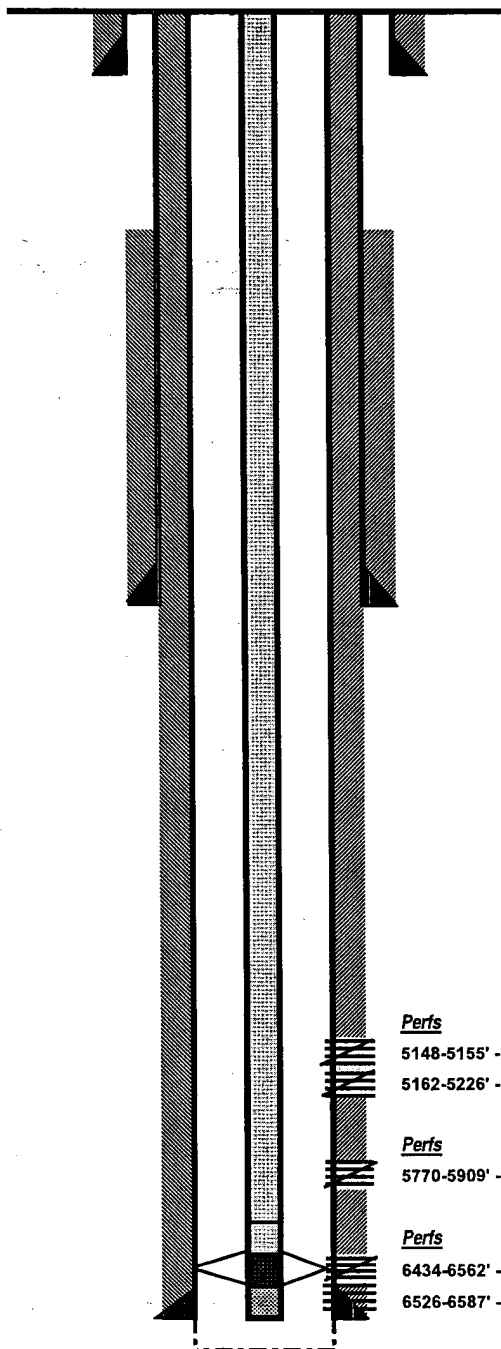
Size: 13 3/8"
 Wt.: 48#
 Set @: 300'
 Sxs cmt: 300
 Circ: Yes
 TOC: Surface
 Hole Size: 17-1/4"

Intermediate Csg.

Size: 9 5/8"
 Wt.: 36#
 Set @: 2901'
 Sxs Cmt: 1300
 Circ: No
 TOC: 1315' by TS
 Hole Size: 12-1/4"

Production Csg.

Size: 7"
 Wt.: 23#
 Set @: 6603'
 Sxs Cmt: 700
 Circ: Yes
 TOC: Surface
 Hole Size: 8-3/4"



KB: _____
 DF: _____
 GL: 3495'
 Spud Date: 9/8/1947
 Compl. Date: 10/28/1947

Tubing Detail 9/7/1997		
# Jts.	Size	Footage
	Original KB to Tubing Head Flange	10.00
202	2 3/8 4.7# 8rd J55	6,255.57
	7" X 2 3/8 TAC	2.80
10	2 3/8 4.7# 8rd J55	308.90
	SN	1.10
	Perf Sub	4.10
	2 3/8 BPMA	30.38
212	EOT >>>	6,612.85

Rod Detail 9/7/1997		
# Rods	Size	Footage
1	1 1/4 Polish Rod with 1 1/2 X 10' Liner	22.00
1	7/8" Pony Rod Grade D	2.00
1	7/8" Pony Rod Grade D	4.00
3	7/8" Pony Rod Grade D	18.00
97	7/8" Sucker Rods Grade D	2,425.00
161	3/4" Sucker Rods Grade D	4,025.00
	Insert Pump (20-125-RHBC-16-4)	
	Gas Anchor 1" X 6'	
264	Total	6,496.00

Perfs

5148-5155' - Paddock - sqzd
 5162-5226' - Paddock - sqzd

Perfs

5770-5909' - Blinbry - sqzd

Perfs

6434-6562' - Drinkard - sqzd
 6526-6587' - Drinkard - open

OH f/6603-6675'

PBTD: 6431'
 TD: 6675'

repared by: K M Jackson
 Date: 7/27/2004

PROPOSED WELL DATA SHEET

Field: Penrose Skelly Well Name: C. L. Hardy #2 Lease Type: Fee
 Location: 554' FSL & 2086' FWL Sec: 20-N Township: 21S Range: 37E
 County: Lea State: New Mexico Refno: FA7786 API: 30-025-06685 Cost Center: _____
 Current Status: PR - Oil
 Current Producing Formation(s): Grayburg

Surface Csg.

Size: 13 3/8"
 Wt.: 48#
 Set @: 300'
 Sxs cmt: 300
 Circ: Yes
 TOC: Surface
 Hole Size: 17-1/4"

Intermediate Csg.

Size: 9 5/8"
 Wt.: 36#
 Set @: 2901'
 Sxs Cmt: 1300
 Circ: No
 TOC: 1315' by TS
 Hole Size: 12-1/4"

Production Csg.

Size: 7"
 Wt.: 23#
 Set @: 6603'
 Sxs Cmt: 700
 Circ: Yes
 TOC: Surface
 Hole Size: 8-3/4"

KB: _____
 DF: _____
 GL: 3495'
 Spud Date: 9/8/1947
 Compl. Date: 10/28/1947

Tubing Detail

# Jts.	Size	Footage
	Original KB to Tubing Head Flange	10.00
116	2 7/8 4.7# 8rd J55	3,596.00
	7" X 2 7/8 TAC	2.80
10	2 7/8 8rd J55	310.00
	SN	1.10
	Perf Sub	4.00
	2 7/8 BPMA	31.00
126	EOT >>>	3,954.90

Subsequent Report:

PB to Grayburg

New perms: 3674-76', 3681-83', 3690-93', 3698-3702', 3713-16',
 3722-25', 3732-34', 3742-44', 3748-52', 3766-68', 3779-83',
 3791-93', 3800-03', 3812-15', 3838-42', 3850-55', 3876-80',
 3890-92', 3905-10'

Perfs

3674-3910' - Grayburg - open

Perfs

5148-5155' - Paddock - sqzd
 5162-5226' - Paddock - sqzd

Perfs

5770-5909' - Blinebry - sqzd

Perfs

6434-6562' - Drinkard - sqzd
 6526-6587' - Drinkard - open

OH f/6603-6675'

RBP set @ 5000'
 w/20' sand on top

PBTD: 4980'
 TD: 6675'

repared by: K M Jackson
 Date: 7/27/2004

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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**

¹ API Number 30-025-06685	² Pool Code 50350	³ Pool Name PENROSE SKELLY GRAYBURG
⁴ Property Code 2634	⁵ Property Name C. L. HARDY	⁶ Well No. 2
⁷ OGRID Number 4323	⁸ Operator Name CHEVRON USA INC	⁹ Elevation 3495' GL

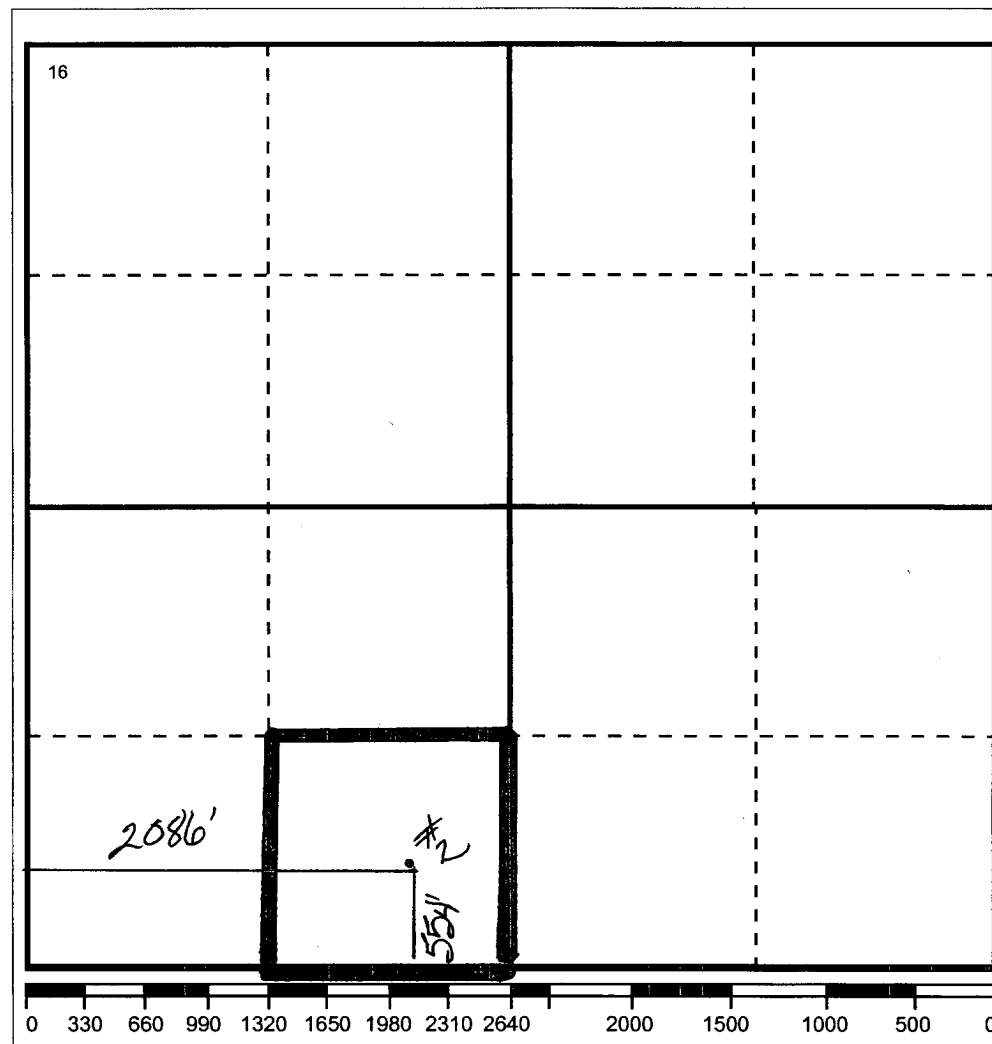
¹⁰ Surface Location

UI or lot no	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
N	20	21-S	37-E		554'	SOUTH	2086'	WEST	LEA

¹¹ Bottom Hole Location If Different From Surface

UI or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
¹² Dedicated Acre 40	¹³ Joint or Infill No	¹⁴ Consolidation Code	¹⁵ Order No.						

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

**17 OPERATOR CERTIFICATION**

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

Signature

Denise Leake

Printed Name

Denise Leake

Position

Regulatory Specialist

Date

3/11/2004

18 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 & Seal of
Professional Surveyor

Certificate No.