

District I - (505) 393-6161
1625 N. French Dr, Hobbs, NM 88240
District II - (505) 748-1283
1301 W. Grand Avenue, Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road, Aztec, NM 87410
District IV - (505) 476-3440
1220 So. St. Francis Dr., Santa Fe, NM 87505

New Mexico
Energy Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505
(505) 476-3440

Form C-140
Revised June 10, 2003

SUBMIT ORIGINAL
PLUS 2 COPIES
TO APPROPRIATE
DISTRICT OFFICE

APPLICATION FOR
WELL WORKOVER PROJECT

H-05-00029

I. Operator and Well

Operator name & address CHEVRON U.S.A. INC. 15 SMITH ROAD MIDLAND, TX 79705						OGRID Number 4323		
Contact Party DENISE PINKERTON						Phone 432-687-7375		
Property Name H.T. MATTERN NCT-C				Well Number 2		API Number 30-025-06658		
UL K	Section 18	Township 21-S	Range 37-E	Feet From The 1980'	North/South Line SOUTH	Feet From The 1980'	East/West Line WEST	County LEA

30-025-06658

II. Workover

Date Workover Commenced: 6-07-04	Previous Producing Pool(s) (Prior to Workover): PENROSE SKELLY GRAYBURG - DRILL DEEPER IN GRAYBURG
Date Workover Completed: 6-22-04	

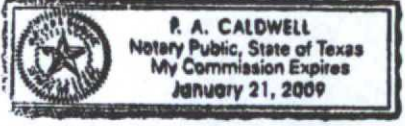
- III. Attach a description of the Workover Procedures performed to increase production.
- IV. Attach a production decline curve or table showing at least twelve months of production prior to the workover and at least three months of production following the workover reflecting a positive production increase.
- V. AFFIDAVIT:

State of NEW MEXICO) ss.
County of LEA)
DENISE PINKERTON being first duly sworn, upon oath states:

- I am the Operator, or authorized representative of the Operator, of the above-referenced Well.
- I have made, or caused to be made, a diligent search of the production records reasonably available for this Well.
- To the best of my knowledge, this application and the data used to prepare the production curve and/or table for this Well are complete and accurate.

Signature Denise Pinkerton Title REGULATORY SPECIALIST Date 5-17-05
E-mail Address leakejd@chevrontexaco.com
SUBSCRIBED AND SWORN TO before me this _____ day of _____, 20____

My Commission expires Jan 21, 2009 Notary Public



FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a Well Workover Project and the Division hereby verifies the data shows a positive production increase. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project was completed on

6/22/2004

Signature District Supervisor <u>[Signature]</u>	OCD District <u>1</u>	Date <u>6/2/05</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

JAN 06 2016

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Box Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

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

WELL API NO.	30-025-06658
5. Indicate Type of Lease	STATE ☐ FEE ☒
6. State Oil / Gas Lease No.	471890
7. Lease Name or Unit Agreement Name	H. T. MATTERN NCT-C
8. Well No.	2
9. Pool Name or Wildcat	PENROSE SKELLY GRAYBURG

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

1. Type of Well:	OIL WELL ☒ GAS WELL ☐ OTHER ☐
2. Name of Operator	CHEVRON USA INC
3. Address of Operator	15 SMITH ROAD, MIDLAND, TX 79705
4. Well Location	Unit Letter <u>K</u> : <u>1980'</u> Feet From The <u>SOUTH</u> Line and <u>1980'</u> Feet From The <u>WEST</u> Line Section <u>18</u> Township <u>21-S</u> Range <u>37-E</u> NMPM <u>LEA</u> COUNTY
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	3519' DF

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 OPERATION ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: ☒ DRILL DEEPER IN GRAYBURG

12. 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.

6-07-04: MIRU KEY #176. TAG CMT @ 10'. D/O CMT. PLUG DOWN TO 50'. FELL OUT OF CMT. TAG @ 3398. D/O CMT FR 3398-3527.
6-08-04: RU FOAM AIR UNIT. D/O CMT 3527-3683. TIH TO 3683. D/O CMT DN TO 3777.
6-09-04: TAG @ 3777. D/O CMT DN TO 3800 & FELL OUT TO 3813. C/O FILL DN TO TD @ 3836. DRILL NEW 4 3/4" HOLE DN TO 3839. DRILL NEW HOLE FR 3839-3855.
6-10-04: TAG @ 3855. DRILL NEW HOLE 3855-3913.
6-11-04: TAG @ 3911. (DECISION MADE TO QUIT DRILLING). TIH W/PKR & SET @ 3600.
6-14-04: ACIDIZE O.H. 3674-3913' W/4500 GALS 15% ANTI-SLUDGE HCL IN 6 STGS. RU SWAB. 9 HR TEST.
6-15-04: FLOWING ON FULL OPEN 2" VALVE. REL PKR @ 3600. TIH W/BIT & TAG @ 3911.
6-16-04: PU FRAC PKR. SET PKR @ 3537.
6-17-04: FRAC GRAYBURG O.H. 3674-3913 DN 3 1/2" TBG W/66,000 GALS YF130 & SAND.
6-18-04: RU SWAB. 7 HR TEST. REL PKR @ 3537.
6-21-04: TAG SAND FILL @ 3835. C/O SAND FILL DN TO PBTD @ 3913.
6-22-04: PU SUB PUMP & 2 7/8" PROD TBG. RIG DOWN. TURN WELL OVER TO PRODUCTION TO HU ELECTRICITY & LAY NEW FLOWLINE.
FINAL REPORT

WAIT ON TEST

07-03-04: ON 24 HR OPT. PUMPING 47 OIL, 448 GAS, & 818 WATER. GOR-9533.



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

SIGNATURE Denise Leake TITLE Regulatory Specialist

DATE 7/6/2004

TYPE OR PRINT NAME Denise Leake

Telephone No. 915-687-7375

(This space for State Use)

APPROVED

CONDITIONS OF APPROVAL, IF ANY:

TITLE

ORIGINAL SIGNED BY
PAUL F. KAUTZ
PETROLEUM ENGINEER

DATE

JUL 14 2004

DeSoto/Nichols 12-93 ver 1.0

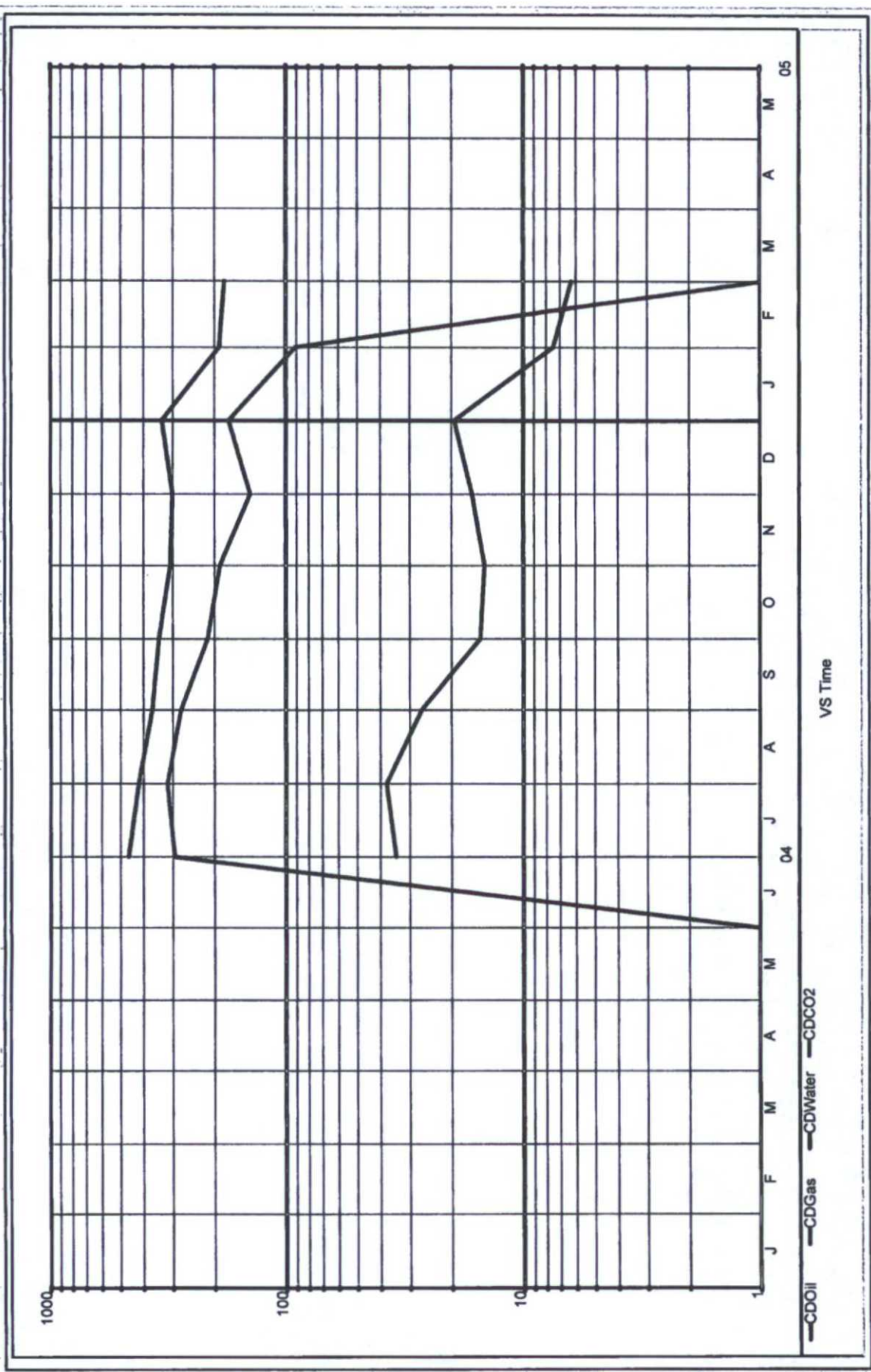
Name	ID	Type	Completion	Format	[p] Comp	CDProd vs Time
2	30025066580001					

LASTOCUM:5.4418

LASTGCUM:51.8040

CC_NM:MATTERN HT NCT C-GRAYBURG GULF

RES:GRAYBURG



Well	Completion Number	Completion Date	Top MD	Bot MD	Reservoir	Field	Lease
2	AA	01/01/1970			GRAYBURG	FLD-PENROSE SKELLY	MATTERN H T /NC
2	01	01/01/1801	6482	6710	GRAYBURG	FLD-PENROSE SKELLY	MATTERN H T /NC

Test Date	MST	Oil Rate	Gas Rate	GOR	Water Rate	Water Cut	Gravity	Prod. Method	Choke	Tub. Press	Csg. Press	Lift Gas Rate
04-15-2005		11	112.74	10249.282		96.2	0	PR	0	0	0	0
04-03-2005		0	0	0	0	0	0	PR	0	0	0	0
03-24-2005		13	117.64	9049.2435		97.1	0	PR	0	0	0	0
03-23-2005		12	117.64	9803.3320		96.4	0	PR	0	0	0	0
01-06-2005		11	170.58	15507.330		96.8	0	PS	0	0	0	0
12-19-2004		12	176.47	14705.372		96.9	0	PS	0	0	0	0
11-25-2004		15	188.23	12548.416		96.5	0	PS	0	0	0	0
10-15-2004		13	215.68	16590.342		96.3	0	PS	0	0	0	0
09-11-2004		15	259.8	17320.345		95.8	0	PS	0	0	0	0
08-07-2004		38	218.62	5753.1409		91.5	0	PS	0	0	0	0
08-06-2004		34	207.84	6112.9395		92.1	0	PS	0	0	0	0
08-05-2004		43	243.13	5654.1459		91.4	0	PS	0	0	0	0
08-04-2004		40	196.07	4901.7401		90.9	0	PS	0	0	0	0
08-03-2004		36	234.31	6508.6451		92.6	0	PS	0	0	0	0
08-01-2004		30	221.56	7385.3529		94.6	0	PS	0	0	0	0
07-31-2004		23	255.88	11125.423		94.8	0	PS	0	0	0	0
07-27-2004		32	223.52	6985.463		93.5	0	PS	0	0	0	0
07-26-2004		30	210.78	7026.420		93.3	0	PS	0	0	0	0
07-23-2004		30	261.76	8725.3454		93.8	0	PS	0	0	0	0
07-21-2004		30	249.99	8333.430		93.5	0	PS	0	0	0	0
07-20-2004		30	269.6	8986.6378		92.6	0	PS	0	0	0	0
07-19-2004		34	272.54	8015.8471		93.3	0	PS	0	0	0	0
07-18-2004		36	268.62	7461.6471		92.9	0	PS	0	0	0	0
07-14-2004		38	248.03	6527.1423		91.8	0	PS	0	0	0	0
07-13-2004		42	301.95	7189.2522		92.6	0	PS	0	0	0	0
07-05-2004		43	330.38	7683.2571		93	0	PS	0	0	0	0
07-04-2004		25	259.8	10392.461		94.9	0	PS	0	0	0	0
07-03-2004		47	448.03	9532.5818		94.6	0	PS	0	0	0	0
06-01-2004		0	0	0	0	0	0	PR	0	0	0	0