

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

Form C-140
Revised June 10, 2003

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

SUBMIT ORIGINAL
PLUS 2 COPIES
TO APPROPRIATE
DISTRICT OFFICE

APPLICATION FOR
WELL WORKOVER PROJECT

H-05-00017

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 SPEAR FEDERAL					Well Number /		API Number 30-025-33645	
UL F	Section 33	Township 18-S	Range 32-E	Feet From The 2310'	North/South Line NORTH	Feet From The 2308'	East/West Line WEST	County LEA

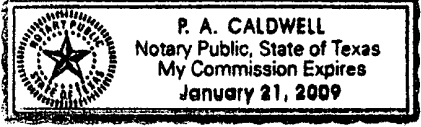
II. Workover

Date Workover Commenced: 9-17-04	Previous Producing Pool(s) (Prior to Workover): STRAWN - RECOMPLETED TO WOLFCAMP
Date Workover Completed: 10-08-04	

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)
County of LEA) ss.
Denise Pinkerton, being first duly sworn, upon oath states:
1. I am the Operator, or authorized representative of the Operator, of the above-referenced Well.
2. I have made, or caused to be made, a diligent search of the production records reasonably available for this Well.
3. 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 23 day of May, 2005.
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

10/08/04

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:

OPERATOR'S COPY

Form 3160-5
(June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT --" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well: ☒ OIL WELL ☐ GAS WELL ☐ OTHER RECOMPLETION

2. Name of Operator

CHEVRON USA INC

3. Address and Telephone No.

15 SMITH ROAD, MIDLAND, TX 79705

915-687-737

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Unit Letter F : 2310' Feet From The NORTH Line and 2308' Feet From The

WEST Line Section 33 Township 18-S Range 32-E

5. Lease Designation and Serial No.

NM-18232

6. If Indian, Alottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and Number

SPEAR FEDERAL

1

9. API Well No.

30-025-33645

10. Field and Pool, Exploratory Area
LUSK; WOLFCAMP, NORTH

11. County or Parish, State

LEA, NM

12. Check Appropriate Box(s) To Indicate Nature of Notice, Report, or Other Data

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ OTHER: PLUGBACK TO WOLFCAMP
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

9-17-04: MIRU. SET CIBP @ 11,355. DUMP 40' CMT. (CORRECTION 18'). PBTD @ 11,315.

TIH W/PKR & 27 JTS 2 3/8" PROD TBG TO 847.

9-20-04: TIH PICKING UP 327 JTS 2 7/8" TBG, IN HOLE 4 1/2" 9.5-13# PKRA, SN., TOL @ 10,648. TAG TOP OF LINE. RU REV UNIT. CHART & TEST FOR BLM & OCD TO 538# FOR 30 MINS. END PRESS-540#. GOOD TEST. OK BY BLM REP PATRICIA HUTCHINGS. CHART & TEST CSG TO 1000# FOR 30 MINS. LOST 18#. GOOD TEST. (ORIGINAL CHART & COPY OF CHART ATTACHED).

9-21-04: WORK PKR IN 4 1/2" LINE. PU 20 JTS 2 7/8" TBG TO 11,266. TIH W/CSG COLLAR LOCATOR, GR. RUN CCL/CBL/GR FR 11,264-6000.RU BAKER ATLAS TO PERF SQZ HOLES @ 10,550'. (4 HOLES). PU PKR, SN, & 48 JTS 2 7/8" TBG TO 1048.

9-22-04: TIH W/TBG & PKR. SET PKR @ 10,450. RU SWAB. REL PKR.

9-23-04: TIH W/PKR & 2 3/8" TBG TO 3435. SET PKR. REL PKR. LD TBG. TIH W/RBP, PKR, 128 JTS 2 7/8" TBG TO 4023. SET RBP @ 4023.

9-24-04: TIH W/TBG TO LATCH ONTO RBP. LD RBP.PERF 10,699-10,705, 10,721-10,740, 10,638-10,658, 10,614-10,638, 10,594-10,614, 10,575-10,594. PU TREAT PKR TO 2124.

9-27-04: TIH W/2 7/8" TBG. SET PKR @ 10,450. ACIDIZE PERFS W/8000 GALS 20% HCL. OPEN WELL TO FRAC TANK. SWAB BACK.

9-28-04: SWAB. TIH W/GAMMA TOOL TO 11,250. LOG FR 11,250-10,350.

9-29-04: REL PKR. TIH W/2 7/8" WS & PROD TBG. TIH W/PERF SUB, SN, 2 3/8" PROD TBG, TAC. EOT @ 2151.

9-30-04: CONTINUE TIH W/PROD TBG, BHA, PERF SUB, SN, BLAST JT, & TAC. TOTAL 10,774'. SN @ 10,774'. TAC @ 10,518'. SET TAC W/12 PTS. TIH W/STRAINER NIPPLE, 2"X1 1/2"X24' PUMP & RODS.

10-01-04: SPACE WELL OUT. LOAD & TEST TBG TO 500#. RIG DOWN. FINAL REPORT FIRST OIL - 10-05-04

10-08-04: ON 24 HR OPT. PUMPING 119 OIL, 91 GAS, & 6 WATER. GOR-765. GRAV-45.7, TBG PRESS-290, CSG PRESS-40.

****NOTE: OIL IS BEING STORED IN A FRAC TANK ON LOCATION UNTIL THE SURFACE COMMINGLING ORDER HAS BEEN APPROVED.****

14. I hereby certify that the foregoing is true and correct

SIGNATURE

Denise Leake

TITLE Regulatory Specialist

DATE

10/26/2004

TYPE OR PRINT NAME

Denise Leake

(This space for Federal or State office use)

APPROVED

David R. Glass

CONDITIONS FOR RECORD

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.

DAVID R. GLASS
PETROLEUM ENGINEER

DeSoto/Nichols 12-93 ver 1.0

6 AM

Pat Huthamer
Chevron USA, Inc. BLM

Good Job

Section 3.3
TUE 18.5
TUE 32.5

3310 FWH
9.508 FWH

GRAPHIC CONTROLS CORPORATION
SUNFALL, NEW YORK

9-20-04

CHART NO. MC MP-1000

METER Chevron USA, INC.

SENW

33-18-32

CHART PUT ON

TAKEN OFF

LOCATION

NM18232

REMARKS

DATE 9-20-04
WELL NAME Sour Fork #1
SUPERVISOR George Gure
PACKER TYPE GLBP 11.355
PACKER SETTING DEPTH
PERFORMATIONS 11.841-11.841
T/A shown per 15

6 PM

Name: 1W ID: 30025336450002 Type: Completion Format: [p] Comp - CDPProd vs Time

WELL_LABEL:SPEAR1W

FIELD_CODE:T54

PROD_METH:ZR

LASTOCUM:1.0416

CHEVNO:BJ8718

FIELD:FLD-LUSK NORTH

CLASS_CODE:OI

LASTGCUM:0

SIDETRACK:0

LEASE:SPEAR FEDERAL

SAP_CODE:UCT543200

CC_NM:SPEAR FEDERAL - WOLFCAMP

COMP_NUM:02

SEC-T-R:33 - S018 - E032

RES_CODE:0000009880

RES:WOLFCAMP



Well	Completion Number	Completion Date	Top MD	Bot MD	Reservoir	Field	Lease
1S	01	01/24/1997	0	0	STRAWN	FLD-LUSK NORTH	SPEAR FEDERAL
1	00	01/01/1801	0	0	STRAWN	FLD-WILDCAT	SPEAR FEDERAL
1W	02	01/01/1801	0	0	WOLFCAMP	FLD-LUSK NORTH	SPEAR FEDERAL
1	03	01/01/1801	8422	8550	BONE SPRINGS	FLD-LUSK NORTH	SPEAR FEDERAL

Test Date	MST	Oil Rate	Gas Rate	GOR	Water Rate	Water Cut	Gravity	Prod Method	Choke	Tub Press	Csg Press	Lift Gas Rate
12-31-2004	.	4	24.51	6127.50	7	14.9	0	PR	0	0	0	0
10-01-2004		1	1	1000	0	0	0	PR	0	0	0	0

Well	Completion Number	Completion Date	Top MD	Bot MD	Reservoir	Field	Lease
1S	01	01/24/1997	0	0	STRAWN	FLD-LUSK NORTH	SPEAR FEDERAL
1	00	01/01/1801	0	0	STRAWN	FLD-WILDCAT	SPEAR FEDERAL
1W	02	01/01/1801	0	0	WOLFCAMP	FLD-LUSK NORTH	SPEAR FEDERAL
1	03	01/01/1801	8422	8550	BONE SPRINGS	FLD-LUSK NORTH	SPEAR FEDERAL

Test Date	MST	Oil Rate	Gas Rate	GOR	Water Rate	Water Cut	Gravity	Prod Method	Choke	Tub Press	Csg Press	Lift Gas Rate
10-19-2004	.	0	0	0	0	0	45.7	PR	0	200	40	0
10-13-2004		21	62	2952.30		0	45.7	PR	0	200	40	0
10-12-2004		24	71	2958.30		0	45.7	PR	0	200	40	0
10-11-2004		28	87	3107.11		3.4	45.7	PR	0	200	40	0
10-10-2004		34	124	3647.00		0	45.7	PR	0	200	40	0
10-09-2004		76	167	2197.32		2.6	45.7	PR	0	200	40	0
10-08-2004		119	91	764.706		4.8	45.7	PR	0	200	40	0
10-06-2004		46	82	1782.67		13.2	45.7	PR	0	200	40	0
10-05-2004		15	69	4600	125	89.3	45.7	PR	0	200	40	0
10-04-2004		0	57	0	130	100	45.7	PR	0	200	40	0
10-03-2004		0	46	0	140	100	45.7	PR	0	200	40	0
07-29-2004		7	11	1571.47		50	45.7	PR	0	200	40	0
07-12-2004		0	0	0	0	0	45.7	PR	0	200	40	0
07-09-2004		0	0	0	121	100	45.7	PR	0	200	40	0
06-28-2004		25	13	520	22	46.8	45.7	PR	0	200	40	0
06-27-2004		94	33	351.0661		39.4	45.7	PR	0	200	40	0
06-26-2004		81	25	308.6469		46	45.7	PR	0	200	40	0
03-24-2004		0	0	0	0	0	45.7	FL	0	200	40	0
12-01-2002		3	15.6	5200	0	0	45.7	FL	0	200	40	0
09-18-2001		0	0	0	0	0	45.7	SI	0	200	40	0
04-06-2001		3	15.6	5200	0	0	45.7	PR	0	200	40	0
03-09-2001		2	20.48	10240	0	0	45.7	PR	0	200	40	0
02-19-2001		1	19.5	19500	0	0	45.7	PR	0	200	40	0
02-05-2001		5	23.4	4680	0	0	45.7	PR	0	200	40	0
01-22-2001		36	42.9	1191	0	0	45.7	PR	0	200	40	0
12-15-2000		0	12.68	0	0	0	45.7	FL	0	200	40	0
11-09-2000		0	13.65	0	0	0	45.7	FL	0	200	40	0
07-26-2000		0	26.33	0	0	0	45.7	FL	0	200	40	0
02-16-2000		2	39	19500	0.1	4.8	45.7	PR	0	200	40	0
01-17-2000		4	39	9750	1	20	45.7	PR	0	200	40	0
12-18-1999		4	42.9	10725	1	20	45.7	PR	0	200	40	0
11-06-1999		9	47.78	5308	3	25	45.7	PR	0	200	40	0
10-13-1999		0	0	17226	0	0	45.7	PR	22	200	40	0
10-07-1999		3	51.68	17226	1	25	45	PR	0	200	40	0
09-05-1999		6	57.53	9588	1	14.3	45	PR	22	200	80	0
08-14-1999		4	61.43	15357	1	20	45	PR	22	200	80	0
08-09-1999		6	63.38	10563	1	14.3	45	PR	22	200	80	0
08-07-1999		6	63.38	10563	1	14.3	45	PR	22	200	80	0
07-16-1999		6	65.33	10888	0.01	0.2	45	PR	22	200	80	0
07-09-1999		5	67.28	13456	1	16.7	45	PR	22	200	80	0
06-09-1999		0	73.13	0	0	0	45	PR	22	200	80	0
06-02-1999		13	75.08	5775	0.01	0.1	45	PR	22	200	80	0
05-16-1999		6	83.85	13975	5	45.5	45	PR	22	200	80	0
05-08-1999		5	77.03	15406	1	16.7	45	PR	22	200	80	0
05-07-1999		4	77.03	19257	0	0	45	PR	22	200	80	0
04-30-1999		6	74.1	12350	0	0	45	PR	22	200	80	0
04-28-1999		16	117	7312	3	15.8	45	PR	22	200	80	0
04-27-1999		6	117	19500	0	0	45	PR	22	200	80	0
04-07-1999		13	117	9000	3	18.8	45	PR	22	200	80	0
03-14-1999		1	115.05	115050	0	0	45	PR	22	200	80	0
03-13-1999		4	115.05	28762	0	0	45	PR	22	200	80	0
03-12-1999		1	115.05	115050	0	0	45	PR	22	200	80	0

Test Date	MST	Oil Rate	Gas Rate	GOR	Water Rate	Water Cut	Gravity	Prod Method	Choke	Tub Press	Csg Press	Lift Gas Rate
03-11-1999	.	11	115.05	10459	10	47.6	45	PR	22	200	80	0
03-07-1999		13	115.05	8850	10	43.5	45	PR	22	200	80	0
02-17-1999		11	115.05	10459	8	42.1	45	PR	22	200	80	0
01-09-1999		9	111.15	12350	9	50	45	PR	22	200	80	0
12-19-1998		11	109.2	9927	8	42.1	45	PR	22	200	80	0
11-13-1998		11	90.68	8243	5	31.3	45	PR	22	200	80	0
11-06-1998		11	99.45	9040	3	21.4	45	PR	22	200	80	0
10-18-1998		7	160.88	22982	4	36.4	45	PR	22	200	80	0
10-17-1998		8	171.61	21451	5	38.5	45	PR	22	200	80	0
08-10-1998		15	136.51	9100	6	28.6	45	PR	22	200	80	0
07-14-1998		22	321.76	14625	8	26.7	45	PR	22	200	80	0
07-11-1998		18	327.61	18200	7	28	45	PR	22	200	80	0
07-06-1998		19	339.31	17858	8	29.6	45	PR	22	200	80	0
07-02-1998		16	341.26	21328	11	40.7	45	PR	22	200	80	0
06-30-1998		74	380.27	5138	19	20.4	45	PR	22	200	80	0
06-28-1998		17	429.02	25236	25	59.5	45	PR	22	200	80	0
06-26-1998		50	536.27	10725	44	46.8	45	PR	22	485	115	0
06-25-1998		56	485.57	8670	33	37.1	45	PR	22	485	140	0
06-24-1998		62	390.02	6290	40	39.2	45	PR	22	485	110	0
06-23-1998		72	341.26	4739	63	46.7	45	PR	22	485	110	0
06-22-1998		49	268.14	5472	66	57.4	45	PR	22	485	110	0
06-21-1998		20	97.5	4875	107	84.3	45	PR	22	485	110	0
06-17-1998		11	161.86	14714	3	21.4	45	FL	22	80	0	0
05-23-1998		19	143.33	7543	1	5	45	FL	22	80	0	0
05-22-1998		19	146.26	7697	1	5	45	FL	22	80	0	0
05-17-1998		42	157.96	3760	5	10.6	45	FL	22	80	0	0
05-13-1998		62	161.86	2610	6	8.8	45	FL	22	80	0	0
05-05-1998		69	167.71	2430	8	10.4	45	FL	22	80	0	0
04-29-1998		79	133.58	1690	11	12.2	45	FL	18	250	0	0
04-28-1998		78	120.91	1550	8	9.3	45	FL	18	80	0	0
04-27-1998		85	138.46	1628	14	14.1	45	FL	18	100	0	0
04-26-1998		81	157.96	1950	11	12	45	FL	20	100	0	0
04-25-1998		82	165.76	2021	16	16.3	45	FL	16	140	0	0
04-24-1998		85	195.01	2294	15	15	45	FL	24	40	0	0
04-23-1998		82	185.26	2259	39	32.2	45	FL	24	40	0	0
04-22-1998		108	144.31	1336	27	20	45	FL	24	170	0	0
02-13-1998		52	117	2250	0	0	45	FL	24	170	0	0
01-28-1998		65	121	1861	0	0	45	FL	24	170	0	0
01-19-1998		91	188	2065	0	0	45	FL	24	170	0	0
01-14-1998		140	300	2142	1	0.7	45	FL	24	170	0	0
01-12-1998		214	305	1425	1	0.5	45	FL	24	170	0	0
12-09-1997		77	138	1792	0	0	45	FL	18	170	0	0
11-11-1997		80	146	1825	0	0	45	FL	18	170	0	0
10-06-1997		84	178	2119	0	0	45	FL	18	170	0	0
09-07-1997		98	196	2000	0	0	45	FL	18	170	0	0
08-13-1997		108	221	2046	1	0.9	45	FL	20	200	0	0
07-18-1997		114	248	2175	0	0	45	FL	20	200	0	0
06-07-1997		126	258	2047	1	0.8	45	FL	20	200	0	0
04-21-1997		125	270	2160	1	0.8	45	FL	20	200	0	0
02-23-1997		0	0	0	0	0	45	FL	48	120	0	0
02-22-1997		214	618	2887	1	0.5	45	FL	26	120	0	0
02-21-1997		279	671	2405	3	1.1	45	FL	48	62	0	0

Test Date	MST	Oil Rate	Gas Rate	GOR	Water Rate	Water Cut	Gravity	Prod Method	Choke	Tub Press	Csg Press	Lift Gas Rate
02-18-1997	.	180	330	1833	0	0	45	FL	48	62	0	0
02-15-1997		184	318	1728	0	0	45	FL	48	62	0	0
02-14-1997		169	324	1917	0	0	45	FL	48	88	0	0
02-13-1997		199	324	1628	0	0	45	FL	48	88	0	0
02-12-1997		194	339	1747	0	0	45	FL	48	88	0	0
02-11-1997		148	346	2337	0	0	45	FL	48	88	0	0
02-10-1997		230	370	1608	0	0	45	FL	48	88	0	0
02-08-1997		189	375	1984	6	3.1	45	FL	48	88	0	0
02-07-1997		181	386	2132	11	5.7	44.2	FL	48	88	0	0
02-06-1997		260	399	1534	0	0	44.2	FL	48	50	0	0
01-31-1997		0	0	0	0	0	44.6	FL	48	50	0	0
01-30-1997		206	353	1713	0	0	44.6	FL	64	50	0	0
01-24-1997		206	353	1714	0	0	44.6	FL	48	50	0	0