

Submit to Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies
District I
1625 N. French, Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-105

Revised March 25, 1999

WELL API NO.

30-015-~~33313~~ 33373

5. Indicate Type Of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

008561

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

b. Type of Completion:

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

2. Name of Operator

Kerr-McGee Oil & Gas Onshore LLC

3. Address of Operator

16666 Northchase Houston TX 77060-6001

4. Well Location

Unit Letter M : 660 Feet From The SOUTH Line and 990 Feet From The WEST Line

Section 36

Township 21S

Range 23E

NMPM

EDDY

County

10. Date Spudded

04/10/04

11. Date T.D. Reached

04/29/04

12. Date Compl. (Ready to Prod.)

05/17/04

13. Elevations (DF & RKB, RT, GR, etc.)

3875

14. Elev. Casinghead

3896

15. Total Depth

8000

16. Plug Back T.D.

7982

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

Cable Tools

X

19. Producing Interval(s), of this completion - Top, Bottom, Name

7378 - 7744 UPPER PENN

20. Was Directional Survey Made

YES

21. Type Electric and Other Logs Run

HALLIBURTON SPECTRAL DENSITY DUAL SPACED NEUTRON

22. Was Well Cored

NO

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8	36#	1300	12 1/4	1380	
7	23# & 26#	8000	8 3/4	410	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	7796	

25. TUBING RECORD

26. Perforation record (interval, size, and number)

7378-84, 7400-06, 7416-20, 7434-38, 7448-54, 7486-98, 7504-32, 7560-66, 7572-86, 7616-26, 7678-86, 7720-34, 7738-44

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
7378 7744	4 SPF
	15,000 GAL 15% NEFEHCL

28. PRODUCTION

Date First Production 05/17/04 Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING Well Status (Prod. or Shut-in) PROD

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
06/15/04	24			0	1113	538	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
204	104		0	1113	538		

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

SOLD AT MARATHON PLANT

Test Witnessed By

BOBBY HESS

30. List Attachments

LOGS. DEVIATION REPORT

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature

Printed Name

ROD L. BAILEY

Title

PRORATION MANAGER

Date

06/28/04

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northeastern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet
 No. 2, from _____ to _____ feet
 No. 3, from _____ to _____ feet

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology
7378	7744	366	UPPER PENN

OPERATOR: KERR-McGEE OIL & GAS
WELL/LEASE: LOWE ST GAS COM #6
COUNTY: EDDY, NM

503-0250

STATE OF NEW MEXICO
DEVIATION REPORT

463	1/4
977	2
1,261	1 3/4
1,739	1
2,182	1
2,654	1 3/4
3,129	1
3,602	1 1/4
4,100	3/4
4,584	1
4,773	1
5,050	2 1/2
5,182	3
5,309	2 3/4
5,434	2
5,530	2 1/4
5,625	3
5,721	2 1/4
5,913	2 1/4
6,160	2 1/4
6,387	2
6,490	2
6,585	1 3/4
6,682	1 1/4
7,097	2 1/4
7,288	2
7,761	1
8,000	1



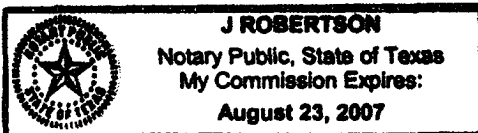
By: *Steve Moore*

STATE OF TEXAS
COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 4th day of May, 2004, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

J Robertson
Notary Public for Midland County, Texas

My Commission Expires: 8/23/2007



KERR-MCGEE CORPORATION

Operations Summary Report

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Legal Well Name: LOWE STATE GAS COM #6
 Common Well Name: LOWE STATE GAS COM #6
 Event Name: DRILLING
 Contractor Name: PATTERSON DRILLING CO.
 Rig Name: PATTERSON

Start: 04/06/2004
 Rig Release: 05/01/2004
 Rig Number: 503

Spud Date: 04/10/2004
 End: 05/02/2004
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
04/11/2004	06:00 - 13:30	7.50	01		DRLSUR	STAKE AND BUILD LOCATION ON THE LOWE STATE LEASE FOR WELL #6 / LOCATION IS 660' FSL & 990' FWL IN SEC 36, T21S, R23E, OF EDDY COUNTY, NEW MEXICO IN THE INDIAN BASIN FIELD / ABBOTT BROS SET 40' - 16" CONDUCTOR PIPE / MIRU PATTERSON-UTI DRILLING COMPANY RIG #503 ON 04-10-2004 / KB-GND 17.5' / GL 3,875' / NOTIFIED THE NMOC @ 09:30 HRS ON 04-10-2004 OF KERR-MCGEE'S INTENTION TO SPUD WELL / TALKED TO MR. MIKE STUBBLEFIELD / SPUD IN WELL @ 13:30 HOURS 04-10-2004
	13:30 - 06:00	16.50	02	A	DRLSUR	DRILLING 12 1/4" HOLE F-58' T-104' / 46' / WOB 10K / RPM 100 / SPM 60 / GPM 310 / PMP 500 / LOST 100% RETURNS @ 86' / CONTINUE DRILLING AHEAD WITH PARTIAL TO NO RETURNS THRU OUT TOUR *****NO ACCIDENTS OR POLLUTION REPORTED LAST 24 HOURS***** FUEL ON HAND: 5,757 GALS FUEL USED: 125 GALS FUEL RECEIVED: 2,887 GALS
04/12/2004	06:00 - 06:00	24.00	02	A	DRLSUR	DRILLING 12 1/4" HOLE F-104' T-474' / 370' / ROP 15.4 FPH / WOB 10K-40K / RPM 90 / SPM 60 / PMP 500 / DRILLING WITH 30% RETURNS IN CELLAR / MIXING GEL-LCM SWEEPS TO CLEAN HOLE / 16" CONDUCTOR PIPE NO LONGER HAS CEMENT AROUND IT, ALL RETURNS ARE COMING UP IN CELLAR *****NO ACCIDENTS OR POLLUTION REPORTED LAST 24 HOURS***** FUEL ON HAND: 5,215 GALS FUEL USED: 542 GALS
04/13/2004	06:00 - 07:00	1.00	02	A	DRLSUR	DRILLING 12 1/4" HOLE F-474' T-504' / 30' / ROP 30 FPH / WOB 40K / RPM 90 / SPM 60 / GPM 310 / PMP 500
	07:00 - 07:30	0.50	10		DRLSUR	DEVIATION SURVEY @ 463' - 1/4 DEG
	07:30 - 00:30	17.00	02	A	DRLSUR	DRILLING F-504' T-1,018' / 514' / ROP 30 FPH / WOB 65K / RPM 90 / SPM 60 / GPM 310 / PMP 500
	00:30 - 01:00	0.50	10		DRLSUR	DEVIATION SURVEY @ 977' - 2 DEG
	01:00 - 06:00	5.00	02	A	DRLSUR	DRILLING F-1,018' T-1,130' / 112' / ROP 22 FPH / WOB 65K / RPM 90 / SPM 60 / GPM 310 / PMP 500 *****NO ACCIDENTS OR POLLUTION REPORTED LAST 24 HOURS***** FUEL ON HAND: 4,662 GALS FUEL USED: 553 GALS
04/14/2004	06:00 - 12:00	6.00	02	A	DRLSUR	DRILLING 12 1/4" HOLE F-1,130' T-1,302' / WOB 60K / RPM 90 / SPM 60 / GPM 310 / PMP 500 / TD SURFACE HOLE @ 12:00 NOON ON 04-13-2004 / HAD 100% LOSS RETURNS F-698' T-1302'
	12:00 - 13:00	1.00	05	A	DRLSUR	PUMP GEL-LCM SWEEP
	13:00 - 13:30	0.50	10		DRLSUR	DEVIATION SURVEY @ 1,261' - 1 3/4 DEG
	13:30 - 15:00	1.50	06	H	DRLSUR	TRIP OUT OF HOLE TO 8" DRILL COLLARS
	15:00 - 15:30	0.50	01		DRLSUR	RIG UP LAYDOWN MACHINE AND LAYDOWN 8" DRILL COLLARS
	15:30 - 16:30	1.00	12	B	DRLSUR	RIG UP CASING CREW
	16:30 - 17:00	0.50	27	A	DRLSUR	CONDUCT SAFETY MEETING WITH ALL PERSONNEL BEFORE RUNNING SURFACE CASING
	17:00 - 20:00	3.00	12	A	DRLSUR	RAN & CEMENTED 29 JOINTS 9 5/8" 36#-FT J-55 STC CASING / CS 1,300' / FC 1,251' / BJ SERVICES PUMPED 100 BBLS FW TO CLEAR 9 5/8" CASING / BJ SERVICES CEMENTED W/1ST LEAD 180 SX "H" +1%CACL2+0.25%-SK CELLOFLAKE+10%-SK GILSONITE+10% A-10 /

KERR-MCGEE CORPORATION

Operations Summary Report

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Legal Well Name:	LOWE STATE GAS COM #6		
Common Well Name:	LOWE STATE GAS COM #6	Spud Date:	04/10/2004
Event Name:	DRILLING	Start:	04/06/2004
Contractor Name:	PATTERSON DRILLING CO.	End:	05/02/2004
Rig Name:	PATTERSON	Rig Release:	05/01/2004
		Group:	
		Rig Number:	503

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
04/14/2004	17:00 - 20:00	3.00	12	A	DRLSUR	2ND LEAD 1,100 SX 35:65:6 POZ "C"+2% CACL2+0.25#-SK CELLOFLAKE+5#-SK GILSONITE / TIW 200 SX "C"+2% CACL2+0.25#-SK CELLOFLAKE / DISPLACED WITH 96.7 BBLs FW / FP 120-530 PSI / PD @ 21:45 HOURS / HELD PRESSURE FOR 5 MINUTES / RELEASED PRESSURE / FLOATS HELD OK / WOC / NOTIFIED NMOCD OF INTENT TO RUN AND CEMENT 9 5/8" SURFACE CASING @ 11:15 HOURS CDT ON 04-13-2004 / TALKED TO LINDA THE NMOCD SECRETARY IN ARTESIA, NM AND LEFT VOICE MESSAGE ON MR. MIKE STUBBLEFIELD'S OFFICE PHONE
	20:00 - 23:00	3.00	12	C	DRLSUR	BJ SERVICES CEMENTED SURFACE CASING
	23:00 - 04:00	5.00	13		DRLSUR	WAIT ON CEMENT AND FOR TEMPERATURE SURVEY EQUIPMENT TO ARRIVE LOCATION
	04:00 - 05:00	1.00	10		DRLSUR	KELTIC SERVICES RAN TEMPERATURE SURVEY / TAG FILL @ 1,160' / TOC @ 675' FROM SURFACE
	05:00 - 05:30	0.50	26		DRLSUR	CUT OFF CONDUCTOR PIPE TO BOTTOM OF CELLAR TO RUN 1" PIPE TO START TOPPING OUT CEMENT ON SURFACE CASING
	05:30 - 06:00	0.50	12	D	DRLSUR	TRIPPING IN HOLE WITH 1" PIPE TO TOC @ 675' TO START TOPPING OUT CEMENT ON SURFACE CASING ****NO ACCIDENTS OR POLLUTION REPORTED LAST 24 HOURS**** FUEL ON HAND: 4,326 GALS FUEL USED: 336 GALS
04/15/2004	06:00 - 08:00	2.00	12	D	DRLSUR	TRIP IN HOLE WITH 1" TUBING AND TAG CEMENT @ 432' / BJ SERVICES MIXED AND PUMPED 200 SX "C" + 4% CACL2 / DID NOT GET CIRCULATION TO SURFACE OR CEMENT TO SURFACE / TRIP OUT OF HOLE WITH 1" TUBING / WOC
	08:00 - 11:00	3.00	13		DRLSUR	WAIT ON CEMENT
	11:00 - 12:00	1.00	12	D	DRLSUR	TRIP IN HOLE WITH 1" TUBING AND TAG CEMENT @ 186' / BJ SERVICES MIXED AND PUMPED 75 SX "C" + 2% CACL2 / CIRCULATED 5 SX UP INTO CELLAR / SHUT DOWN / CEMENT FELL BACK TO 10 FEET AFTER 15 MINUTES / RIG DOWN RELEASED BJ SERVICES
	12:00 - 14:00	2.00	13		DRLSUR	WAIT ON CEMENT
	14:00 - 16:00	2.00	14		DRLSUR	CUT OFF AND MAKE FINAL CUT ON 9 5/8" CASING / WELD ON 9 5/8" 3M SOW WELL HEAD / TEST HEAD TO 700 PSI / HELD OK
	16:00 - 23:00	7.00	14		DRLSUR	NIPPLE UP BOP AND CHOKE MANIFOLD
	23:00 - 03:00	4.00	15		DRLSUR	TEST BOP PIPE RAMS, BLIND RAMS, ALL VALVES AND CHOKE MANIFOLD TO 250 PSI LOW AND 3,000 PSI HIGH / ALL TESTED OK / TEST HYDRIL 250 LOW AND 1,500 HIGH / TESTED OK / TEST ALL FLOOR VALVES 250 LOW AND 3,000 HIGH / ALL HELD OK
	03:00 - 05:00	2.00	01		DRLSUR	RIG DOWN TESTER / HOOK UP FLOWLINE / INSTALL WEAR BUSHING IN WELLHEAD
	05:00 - 06:00	1.00	06	D	DRLPRO	PICKING UP PACKED BHA TO TRIP IN HOLE ****NO ACCIDENTS OR POLLUTION REPORTED LAST 24 HOURS**** FUEL ON HAND: 4,026 GALS FUEL USED: 300 GALS
04/16/2004	06:00 - 08:30	2.50	06	D	DRLPRO	FINISH TRIPPING IN HOLE WITH BHA, DRILL COLLARS, JARS AND DRILL PIPE / TAG FIRM CEMENT @ 1,245'
	08:30 - 11:00	2.50	25		DRLPRO	DRILL OUT CEMENT, FLOAT COLLAR, AND HALF OF SHOE TRACK TO 1,285'
	11:00 - 11:30	0.50	25		DRLPRO	TEST CASING TO 1,000 PSI / HELD OK
	11:30 - 12:30	1.00	25		DRLPRO	FINISH DRILLING OUT SHOE TRACK

KERR-MCGEE CORPORATION

Operations Summary Report

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Legal Well Name: LOWE STATE GAS COM #6
 Common Well Name: LOWE STATE GAS COM #6
 Event Name: DRILLING
 Contractor Name: PATTERSON DRILLING CO.
 Rig Name: PATTERSON

Start: 04/06/2004
 Rig Release: 05/01/2004
 Rig Number: 503

Spud Date: 04/10/2004
 End: 05/02/2004
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
04/16/2004	12:30 - 03:00	14.50	02	A	DRLPRO	DRILLING 8 3/4" HOLE F-1,302' T-1,781' / 479' / ROP 33 FPH / WOB 20K-65K / RPM 42-65 / SPM 60 / GPM 310 / PMP 1300
	03:00 - 03:30	0.50	10		DRLPRO	DEVIATION SURVEY @ 1,739' - 1 DEG
	03:30 - 06:00	2.50	02	A	DRLPRO	DRILLING F-1,781' T-1,844' / 63' / ROP 25 FPH / WOB 65K / RPM 65 / SPM 60 / GPM 310 / PMP 1300 ****NO ACCIDENTS OR POLLUTION REPORTED LAST 24 HOURS**** FUEL ON HAND: 3,768 GALS FUEL USED: 258 GALS
04/17/2004	06:00 - 16:45	10.75	02	A	DRLPRO	DRILLING 8 3/4" HOLE F-1,844' T-2,223' / 379' / ROP 35 FPH / WOB 65K / RPM 65 / SPM 60 / GPM 310 / PMP 1300
	16:45 - 17:15	0.50	10		DRLPRO	DEVIATION SURVEY @ 2,182' - 1 DEG
	17:15 - 06:00	12.75	02	A	DRLPRO	DRILLING F-2,223' T-2,684' / 461' / ROP 36 FPH / WOB 65K / RPM 65 / SPM 60 / GPM 310 / PMP 1300 ****NO ACCIDENTS OR POLLUTION REPORTED LAST 24 HOURS**** FUEL ON HAND: 2,995 GALS FUEL USED: 773 GALS
04/18/2004	06:00 - 06:30	0.50	02	A	DRLPRO	DRILLING 8 3/4" HOLE F-2,684' T-2,696' / 12' / ROP 24 FPH / WOB 65K / RPM 65 / SPM 60 / GPM 310 / PMP 1300
	06:30 - 07:00	0.50	10		DRLPRO	DEVIATION SURVEY @ 2,654' - 1 3/4 DEG
	07:00 - 00:30	17.50	02	A	DRLPRO	DRILLING F-2,696' T-3,171' / 475' / ROP 27 FPH / WOB 55K / RPM 65 / SPM 60 / GPM 310 / PMP 1300
	00:30 - 01:00	0.50	10		DRLPRO	DEVIATION SURVEY @ 3,129' - 1 DEG
	01:00 - 06:00	5.00	02	A	DRLPRO	DRILLING F-3,171' T-3,266' / 95' / ROP 19 FPH / WOB 55K / RPM 65K / SPM 60 / GPM 310 / PMP 1300 ****NO ACCIDENTS OR POLLUTION REPORTED LAST 24 HOURS**** FUEL ON HAND: 2,251 GALS FUEL USED: 744 GALS
04/19/2004	06:00 - 22:00	16.00	02	A	DRLPRO	DRILLING 8 3/4" HOLE F-3,266' T-3,646' / 380' / ROP 23 FPH / WOB 65K / RPM 65 / SPM 60 / GPM 310 / PMP 1300 / DRILLED F-3,266' T-3,479' WITH PUMP #2 ON HOLE / REPAIRING PUMP #1 LEAK
	22:00 - 22:30	0.50	10		DRLPRO	DEVIATION SURVEY @ 3,602' - 1 1/4 DEG
	22:30 - 06:00	7.50	02	A	DRLPRO	DRILLING F-3,646' T-3,795' / 149' / ROP 19.8 FPH / WOB 65K / RPM 65 / SPM 60 / GPM 310 / PMP 1300 ****NO ACCIDENTS OR POLLUTION REPORTED LAST 24 HOURS**** FUEL ON HAND: 1,552 GALS FUEL USED: 699 GALS
04/20/2004	06:00 - 20:00	14.00	02	A	DRLPRO	DRILLING 8 3/4" HOLE F-3,795' T-4,140' / 345' / ROP 24.6 FPH / WOB 65K / RPM 65 / SPM 60 / GPM 310 / PMP 1300
	20:00 - 21:00	1.00	10		DRLPRO	DEVIATION SURVEY @ 4,100' - 3/4 DEG
	21:00 - 06:00	9.00	02	A	DRLPRO	DRILLING F-4,140' T-4,309' / 169' / ROP 18.7 FPH / WOB 65K / RPM 65 / SPM 60 / GPM 310 / PMP 1300 ****NO ACCIDENTS OR POLLUTION REPORTED LAST 24 HOURS**** FUEL ON HAND: 4,326 GALS FUEL RECEIVED: 3,500 GALS FUEL USED: 726 GALS
04/21/2004	06:00 - 18:30	12.50	02	A	DRLPRO	DRILLING 8 3/4" HOLE F-4,309' T-4,625' / 316' / ROP 25.3 FPH / WOB 65K / RPM 65 / SPM 60 / GPM 310 / PMP 1300
	18:30 - 19:00	0.50	10		DRLPRO	DEVIATION SURVEY @ 4,584' - 1 DEG

KERR-MCGEE CORPORATION

Operations Summary Report

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Legal Well Name:	LOWE STATE GAS COM #6		
Common Well Name:	LOWE STATE GAS COM #6	Start:	04/06/2004
Event Name:	DRILLING	End:	05/02/2004
Contractor Name:	PATTERSON DRILLING CO.	Rig Release:	05/01/2004
Rig Name:	PATTERSON	Group:	
		Rig Number:	503

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
04/21/2004	19:00 - 03:30	8.50	02	A	DRLPRO	DRILLING F-4,625' T-4,815' / 190' / ROP 22.4 FPH / WOB 65K / RPM 65 / SPM 60 / GPM 310 / PMP 1300
	03:30 - 04:30	1.00	10		DRLPRO	DEVIATION SURVEY @ 4,773' - 1 DEG
	04:30 - 06:00	1.50	02	A	DRLPRO	DRILLING F-4,815' T-4840' / 25' / ROP 16.7 FPH / WOB 65K / RPM 65 / SPM 60 / GPM 310 / PMP 1300
						****NO ACCIDENTS OR POLLUTION REPORTED LAST 24 HOURS****
						FUEL ON HAND: 3,546 GALS
						FUEL USED: 780 GALS
04/22/2004	06:00 - 17:30	11.50	02	A	DRLPRO	DRILLING 8 3/4" HOLE F-4,840' T-5,129' / 289' / ROP 25.1 FPH / WOB 65K / RPM 65 / SPM 60 / GPM 310 / PMP 1300
	17:30 - 19:30	2.00	10		DRLPRO	DEVIATION SURVEY @ 5,050' / 1ST RUN WAS MISRUN / RETAKE
	19:30 - 01:00	5.50	02	A	DRLPRO	SURVEY @ 5,050' - 2 1/2 DEGREES
	01:00 - 01:30	0.50	10		DRLPRO	DRILLING F-5,129' T-5,224' / 95' / ROP 17.2 FPH / WOB 50K / RPM 65 / SPM 60 / GPM 310 / PMP 1300
	01:30 - 06:00	4.50	02	A	DRLPRO	DEVIATION SURVEY @ 5,182' - 3 DEGREES
						DRILLING F-5,224' T-5,275' / 51' / ROP 11.3 FPH / WOB 45K / RPM 65 / SPM 60 / GPM 310 / PMP 1300
						****NO ACCIDENTS OR POLLUTION REPORTED LAST 24 HOURS****
						FUEL ON HAND: 2,886 GALS
						FUEL USED: 660 GALS
04/23/2004	06:00 - 11:00	5.00	02	A	DRLPRO	DRILLING 8 3/4" HOLE F-5,275' T-5,351' / 76' / ROP 15.2 FPH / WOB 50K / RPM 65 / SPM 60 / GPM 310 / PMP 1400
	11:00 - 11:30	0.50	10		DRLPRO	DEVIATION SURVEY @ 5,309' - 2 3/4 DEGREES
	11:30 - 17:30	6.00	02	A	DRLPRO	DRILLING F-5,351' T-5,446' / 95' / ROP 15.8 FPH / WOB 45K / RPM 65 / SPM 60 / GPM 310 / PMP 1400
	17:30 - 18:00	0.50	10		DRLPRO	DEVIATION SURVEY @ 5,404' - MISRUN
	18:00 - 20:00	2.00	02	A	DRLPRO	DRILLING F-5,446' T-5,477' / 31' / ROP 15 FPH / WOB 45K / RPM 65 / SPM 60 / GPM 310 / PMP 1400
	20:00 - 20:30	0.50	10		DRLPRO	DEVIATION SURVEY @ 5,434' - 2 DEGREES
	20:30 - 01:00	4.50	02	A	DRLPRO	DRILLING F-5,477' T-5,572' / 95' / ROP 21.1 FPH / WOB 50K / RPM 65 / SPM 60 / GPM 310 / PMP 1400
	01:00 - 01:30	0.50	10		DRLPRO	DEVIATION SURVEY @ 5,530' - 2 1/4 DEGREES
	01:30 - 06:00	4.50	02	A	DRLPRO	DRILLING F-5,572' T-5,650' / 78' / ROP 17.3 FPH / WOB 50K / RPM 65 / SPM 60 / GPM 310 / PMP 1400
						****NO ACCIDENTS OR POLLUTION REPORTED LAST 24 HOURS****
						FUEL ON HAND: 4,103 GALS
						FUEL USED: 783 GALS
04/24/2004	06:00 - 06:30	0.50	02	A	DRLPRO	DRILLING 8 3/4" HOLE F-5,650' T-5,667' / 17' / ROP 34 FPH / WOB 50K / RPM 65 / SPM 60 / GPM 310 / PMP 1400
	06:30 - 07:00	0.50	10		DRLPRO	DEVIATION SURVEY @ 5,625' - 3 DEGREES
	07:00 - 12:30	5.50	02	A	DRLPRO	DRILLING F-5,667' T-5,763' / 96' / ROP 17.4 FPH / WOB 45K / RPM 65 / SPM 60 / GPM 310 / PMP 1400
	12:30 - 13:00	0.50	10		DRLPRO	DEVIATION SURVEY @ 5,721' - 2 1/4 DEGREES
	13:00 - 01:00	12.00	02	A	DRLPRO	DRILLING F-5,763' T-5,953' / 190' / ROP 15.8 FPH / WOB 45K / RPM 65 / SPM 60 / GPM 310 / PMP 1400
	01:00 - 01:30	0.50	10		DRLPRO	DEVIATION SURVEY @ 5,913' - 2 1/4 DEGREES
	01:30 - 06:00	4.50	02	A	DRLPRO	DRILLING F-5,953' T-6,005' / 52' / ROP 11.5 FPH / WOB 45K / RPM 65 / SPM 60 / GPM 310 / PMP 1400
						****NO ACCIDENTS OR POLLUTION REPORTED LAST 24 HOURS****

KERR-MCGEE CORPORATION

Operations Summary Report

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Legal Well Name: LOWE STATE GAS COM #6
 Common Well Name: LOWE STATE GAS COM #6
 Event Name: DRILLING
 Contractor Name: PATTERSON DRILLING CO.
 Rig Name: PATTERSON

Start: 04/06/2004
 Rig Release: 05/01/2004
 Rig Number: 503

Spud Date: 04/10/2004
 End: 05/02/2004
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
04/24/2004	01:30 - 06:00	4.50	02	A	DRLPRO	FUEL ON HAND: 3,325 GALS FUEL USED: 778 GALS
04/25/2004	06:00 - 19:00	13.00	02	A	DRLPRO	DRILLING 8 3/4" HOLE F-6,005' T-6,206' / 201' / ROP 15.4 FHP / WOB 45K / RPM 65 / SPM 60 / GPM 310 / PMP 1400
	19:00 - 19:30	0.50	10		DRLPRO	DEVIATION SURVEY @ 6,160' - 2 1/4 DEGREES
	19:30 - 06:00	10.50	02	A	DRLPRO	DRILLING F-6,206' T-6,397' / 191' / ROP 18.1 FPH / WOB 45K / RPM 65 / SPM 60 / GPM 310 / PMP 1400 ****NO ACCIDENTS OR POLLUTION REPORTED LAST 24 HOURS**** FUEL ON HAND: 2,565 GALS FUEL USED: 760 GALS
04/26/2004	06:00 - 07:00	1.00	02	A	DRLPRO	DRILLING 8 3/4" HOLE F-6,397' T-6,428' / 31' / ROP 31 FPH / WOB 45K / RPM 65 / SPM 60 / GPM 310 / PMP 1400
	07:00 - 08:00	1.00	05	A	DRLPRO	PUMP SWEEP AND CIRCULATE BOTTOMS UP
	08:00 - 12:30	4.50	06	A	DRLPRO	DROP TOTCO / TRIP OUT OF HOLE FOR BIT #3 / LAY DOWN PACKED BHA / DEVIATION SURVEY @ 6,387' - 2 DEGREES
	12:30 - 13:30	1.00	09		DRLPRO	CUT AND SLIP 125' DRILLING LINE
	13:30 - 17:00	3.50	06	A	DRLPRO	TRIP IN HOLE WITH BIT #3 TO 6,383'
	17:00 - 19:00	2.00	03	C	DRLPRO	WASH TO 6,408' / TAG TIGHT SPOT / WASH AND REAM F-6,408' T-6,420' / 12' / RECOVERED SHALE OVER SHAKER / PUMPED VISCOUS GEL SWEEPS AND CLEANED UP HOLE / NO PROBLEMS F-6,420' T-6,428'
	19:00 - 00:00	5.00	02	A	DRLPRO	DRILLING F-6,428' T-6,533' / 105' / ROP 21 FPH / WOB 45K / RPM 65 / SPM 60 / GPM 310 / PMP 1400
	00:00 - 00:30	0.50	10		DRLPRO	DEVIATION SURVEY @ 6,490' - 2 DEGREES
	00:30 - 05:30	5.00	02	A	DRLPRO	DRILLING F-6,533' T-6,628' / 95' / ROP 19 FPH / WOB 45K / RPM 65 / SPM 60 / GPM 310 / PMP 1400
	05:30 - 06:00	0.50	10		DRLPRO	RUNNING DEVIATION SURVEY @ REPORT TIME @ 6,585' ****NO ACCIDENTS OR POLLUTION REPORTED LAST 24 HOURS**** FUEL ON HAND: 1,944 GALS FUEL USED: 621 GALS
04/27/2004	06:00 - 06:30	0.50	10		DRLPRO	DEVIATION SURVEY @ 6,585' - 1 3/4 DEGREES
	06:30 - 08:00	1.50	02	A	DRLPRO	DRILLING 8 3/4" HOLE F-6,628' T-6,723' / 95' / ROP 47.5 FPH / WOB 65K / RPM 65 / SPM 60 / GPM 310 / PMP 1400
	08:00 - 08:30	0.50	10		DRLPRO	DEVIATION SURVEY @ 6,682' - 1 1/4 DEGREES
	08:30 - 20:00	11.50	02	A	DRLPRO	DRILLING F-6,723' T-7,139' / 416' / ROP 36.1 FPH / WOB 65K / RPM 65 / SPM 60 / GPM 310 / PMP 1400
	20:00 - 20:30	0.50	10		DRLPRO	DEVIATION SURVEY @ 7,097' - 2 1/4 DEGREES
	20:30 - 02:30	6.00	02	A	DRLPRO	DRILLING F-7,139' T-7,331' / 192' / ROP 32 FPH / WOB 55K / RPM 65 / SPM 60 / GPM 310 / PMP 1400
	02:30 - 03:00	0.50	10		DRLPRO	DEVIATION SURVEY @ 7,288' - 2 DEGREES
	03:00 - 06:00	3.00	02	A	DRLPRO	DRILLING F-7,331' T-7,400' / 69' / ROP 23 FPH / WOB 55K / RPM 65 / SPM 60 / GPM 310 / PMP 1400 ****NO ACCIDENTS OR POLLUTION REPORTED LAST 24 HOURS**** FUEL ON HAND: 3,105 GALS FUEL RECEIVED: 2,000 GALS FUEL USED: 839 GALS
04/28/2004	06:00 - 17:00	11.00	02	A	DRLPRO	DRILLING 8 3/4" HOLE F-7,400' T-7,809' / 409' / ROP 37.2 FPH / WOB 55K / RPM 65 / SPM 60 / GPM 310 / PMP 1400
	17:00 - 18:00	1.00	10		DRLPRO	RAN DEVIATION SURVEY @ 7,767' / SLICKLINE BROKE COMING OUT OF HOLE / DEVIATION TOOLS DROPPED BACK IN HOLE

KERR-MCGEE CORPORATION

Operations Summary Report

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Legal Well Name: LOWE STATE GAS COM #6
 Common Well Name: LOWE STATE GAS COM #6
 Event Name: DRILLING
 Contractor Name: PATTERSON DRILLING CO.
 Rig Name: PATTERSON

Spud Date: 04/10/2004
 Start: 04/06/2004
 End: 05/02/2004
 Rig Release: 05/01/2004
 Group:
 Rig Number: 503

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
04/28/2004	18:00 - 02:30	8.50	06	I	DRLPRO	TRIP OUT OF HOLE TO RETRIEVE DEVIATION TOOLS / NO PROBLEMS ON TRIP OUT / DEVIATION SURVEY @ 7,767' - 1 DEGREE / TRIP BACK IN HOLE / NOTICED SHALE STRINGER @ 6,380' / TAGGED @ 7,720' / TRANSITION FROM 100% DOLOMITE TO RATTY LIMESTONE - DOLOMITE FORMATION
	02:30 - 06:00	3.50	03	C	DRLPRO	REAMING AND WASHING TO BOTTOM F-7,720' T-7,809' @ REPORT TIME / HAVING SHALE SLOUGHING PROBLEMS / MUDDING UP SYSTEM TO GET WL DOWN TO CONTROL SHALE AND CLEAN HOLE / NOT LOSING ANY FLUID TO WELLBORE AT THIS TIME / MADE CONNECTION @ 06:00 / STARTED DOWN TO DRILL AND STUCK DRILL PIPE WITH HALF OF JOINT AND ALL OF KELLY ABOVE ROTARY TABLE / UNABLE TO CIRCULATE / HOLE PACKED OFF WITH SHALE FROM ABOVE *****NO ACCIDENTS OR POLLUTION REPORTED LAST 24 HOURS***** FUEL ON HAND: 2,565 GALS FUEL USED: 540 GALS
04/29/2004	06:00 - 07:30	1.50	23	B	DRLPRO	JARRING ON STUCK DRILL PIPE TO 100,000 ABOVE STRING WEIGHT / JARRED DRILL PIPE FREE
	07:30 - 08:00	0.50	06	B	DRLPRO	LAY DOWN 3 JOINTS DRILL PIPE TO GET ABOVE RATTY DOLOMITE-LIMESTONE TRANSITION AFTER FREEING STUCK DRILL PIPE
	08:00 - 13:00	5.00	05	A	DRLPRO	CIRCULATE AND MUD UP SYSTEM TO CONTROL SLOUGHING SHALES AND CLEAN HOLE TO CONTINUE DRILLING TO TD
	13:00 - 23:00	10.00	02	A	DRLPRO	DRILLING 8 3/4" HOLE F-7,809' T-8,000' / 191' / ROP 19 FPH / WOB 65K / RPM 65 / SPM 60 / GPM 310 / PMP 1400
	23:00 - 00:30	1.50	05	A	DRLPRO	PUMP SWEEP / CIRCULATE HOLE CLEAN PRIOR TO TRIP OUT FOR OPEN HOLE LOGS
	00:30 - 06:00	5.50	06	C	DRLPRO	TRIP OUT OF HOLE FOR OPEN HOLE LOGS (SLM) @ REPORT TIME / HLS LOGGING TOOLS AND PERSONNEL ARE ON LOCATION *****NO ACCIDENTS OR POLLUTION REPORTED LAST 24 HOURS***** FUEL ON HAND: 7,065 GALS FUEL USED: 500 GALS FUEL RECEIVED: 5,000 GALS
04/30/2004	06:00 - 07:00	1.00	11	A	DRLPRO	HOLD SAFETY MEETING WITH ALL PERSONNEL / RIG HALLIBURTON LOGGING SERVICES
	07:00 - 15:00	8.00	11	A	DRLPRO	HALLIBURTON RAN SPECTRAL DENSITY-DUAL SPACED NEUTRON-COMPENSATED GAMMA RAY-DUAL LATEROLOG-MICROGUARD-MICROLOG-CALIPER / LOGGERS TD 7,970' / LOGGED INTERVAL 7,920' UP TO 1,294' LOGGERS CASING DEPTH / RIG DOWN HALLIBURTON LOGGING SERVICES
	15:00 - 20:30	5.50	06	B	DRLPRO	TRIP IN HOLE / STRAPPED BACK IN HOLE TO CHECK STRAP ON TRIP OUT / PASON AND BOARD SHOWED WE WERE AT 8,000' / STRAP OUT SHOWED WE WERE AT 7,982' / STRAP BACK IN HOLE SHOWED WE WERE AT 7,982' / HAD RIG DRILL 18' TO 8,000' / WASH AND REAM THROUGH TIGHT SPOTS F-7,720' T-7,982' / HAD 7' OF FILL ON BOTTOM
	20:30 - 22:00	1.50	03	C	DRLPRO	DRILLING 8 3/4" HOLE F-7,982' T-8,000' / 18' / ROP 12 FPH / WOB 65K / RPM 65 / SPM 60 / GPM 310 / PMP 1400
	22:00 - 23:30	1.50	02	A	DRLPRO	PUMP VISCOUS SWEEP / CIRCULATE AND CONDITION HOLE PRIOR TO LAYING DOWN DRILL PIPE
	23:30 - 02:30	3.00	05	A	DRLPRO	

KERR-MCGEE CORPORATION

Operations Summary Report

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Legal Well Name: LOWE STATE GAS COM #6
 Common Well Name: LOWE STATE GAS COM #6
 Event Name: DRILLING
 Contractor Name: PATTERSON DRILLING CO.
 Rig Name: PATTERSON

Start: 04/06/2004
 Rig Release: 05/01/2004
 Rig Number: 503

Spud Date: 04/10/2004
 End: 05/02/2004
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
04/30/2004	02:30 - 03:00	0.50	06	D	DRLPRO	RIG UP LAYDOWN MACHINE / HELD SAFETY MEETING / DROP TOTCO
	03:00 - 06:00	3.00	06	D	DRLPRO	TRIP OUT OF LAYING DOWN DRILL PIPE / HAD TIGHT SPOT @ 7,975' / NO OTHER PROBLEMS ON TRIP OUT / BIT DEPTH @ REPORT TIME 6,500' ****NO ACCIDENTS OR POLLUTION REPORTED LAST 24 HOURS**** FUEL ON HAND: 2,565 GALS FUEL USED: 500 GALS FUEL RETURNED: 4,000 GALS
05/01/2004	06:00 - 11:00	5.00	06	D	DRLPRO	FINISH LAYING DOWN 4 1/2" DRILL PIPE AND 6" DRILL COLLARS
	11:00 - 11:30	0.50	12	B	DRLPRO	RIG UP BULL ROGERS CASING CREW / HOLD PRE-JOB SAFETY MEETING / NOTIFIED NMOCD BY VOICE MAIL ON VAN BARTON'S VOICE MAIL IN HIS OFFICE IN ARTESIA, NEW MEXICO THAT WE WERE RUNNING 7" CASING
	11:30 - 19:30	8.00	12	A	DRLPRO	RAN 183 JOINTS 7.000" 23 & 26#-FT J-55 LTC CASING / CS @ 8,000' / FC @ 7,912 / DV-ECP TOOL 7,139'
	19:30 - 20:30	1.00	12	B	DRLPRO	RIG UP BJ SERVICES CEMENTING HEAD / CIRCULATE AND CONDITION HOLE WHILE RIGGING DOWN CASING CREW AND LAY DOWN MACHINE / WASHED 8' TO BOTTOM
	20:30 - 22:00	1.50	12	C	DRLPRO	HELD PRE-JOB SAFETY MEETING WITH BJ & RIG PERSONNEL / BJ SERVICES PRECEDE 1ST STG CEMENT WITH 12 BBLS MUDFLUSH-1 / BJ CEMENTED 1 ST STG WITH 200 SX 61:15:11 POZMIX "C" CSE:+0.50% FL-52+0.50% FL-25+3.00% SALT+8.00 LB/SK LCM-1 / FP 500 PSI TO 1,000 PSI / BUMPED PLUG / HELD PSI FOR 5 MINUTES / RELEASED PSI / FLOATS HELD OK
	22:00 - 23:00	1.00	12	C	DRLPRO	DAVIS-LYNCH DROP OPENING PLUG FOR DV-ECP TOOL / LET TOOL FALL IN DRILLING FLUID TO SEAT IN STAGE COLLAR 40 MINUTES / PRESSURE UP ON 7" CASING IN STAGES FROM 250 PSI TO 1,800 PSI / SET ECP TOOL AND OPEN DV TOOL @ 1,800 PSI / BJ PUMP 25 BBLS DRILLING MUD THROUGH DV TOOL / TURNED CIRCULATING OVER TO RIG
	23:00 - 00:00	1.00	12	C	DRLPRO	CIRCULATED THROUGH DV TOOL 1 HOUR / RECOVERED 31 BBLS CEMENT OFF DV TOOL
	00:00 - 01:00	1.00	12	C	DRLPRO	BJ SERVICES CEMENTED 2ND STAGE WITH 210 SX 35:65:6 POZMIX "C" +0.50% FL-52+3.00% SALT+5.00 LB/SK LCM-1+0.25 LB/SK CELLO FLAKE / FP 850 PSI TO 2,500 PSI / CLOSED DV TOOL / RELEASED PSI / NO FLOW BACK THROUGH 7" CASING / CALCULATED TOC 5,000' +/-
	01:00 - 06:00	5.00	14		DRLPRO	RIG DOWN BJ QUICK CONNECT CEMENT HEAD / NIPPLE DOWN BOP'S, KILL LINE, & CHOKE MANIFOLD / PICK UP BOP STACK / INSTALL C-22 CASING HANGER AND TRANSFER 165,000# CASING WEIGHT TO HANGER / ROUGH CUT 7" CASING / LAY DOWN BOP STACK / MAKING FINAL CUT ON 7" CASING @ REPORT TIME ****NO ACCIDENTS OR POLLUTION REPORTED LAST 24 HOURS**** FUEL ON HAND: 2,005 GALS FUEL USED: 560 GALS
05/02/2004	06:00 - 12:00	6.00	14		DRLPRO	NIPPLE UP 7 1/16" 3M X 11" 3M "B" SECTION (TUBING HEAD) / TEST TO 3,000 PSI / HELD OK / JET AND CLEAN STEEL PITS / RELEASED RIG @ 12:00 NOON ON 05-01-2004 ****NO ACCIDENTS OR POLLUTION REPORTED LAST 6 HOURS****