



RAILROAD COMMISSION OF TEXAS

HEARINGS DIVISION

OIL AND GAS DOCKET NO. 8A-0289092

**THE APPLICATION OF APACHE CORPORATION FOR AN EXCEPTION TO
STATEWIDE RULE 23 FOR THE WELLS COMPLETED ON THE FORBES UNIT
FORBES (GLORIETTA) FIELD AND FORBES (SAN ANDRES) FIELD CROSBY
COUNTY, TEXAS**

HEARD BY: Karl Caldwell – Technical Examiner
Marshall Enquist – Legal Examiner

DATE OF HEARING: June 25, 2014

APPEARANCES:

REPRESENTING:

APPLICANT:

Thomas Richter, P.E.

Apache Corporation

EXAMINERS' REPORT AND RECOMMENDATION

STATEMENT OF THE CASE

Apache Corporation ("Apache") seeks authority to pull up to 30 inches of vacuum on wells completed on its Forbes Unit in the Forbes (Glorietta) Field and Forbes (San Andres) Field. Notice of the hearing was provided to adjacent lease owners and operators to the 2,260 acre Forbes Unit and no protests were received. The application is unopposed and the examiners recommend approval.

DISCUSSION OF THE EVIDENCE

The Forbes Unit is a unitization that occurred in 1996 by Anadarko. Apache acquired the Forbes Unit in 2007 and is seeking authority to pull vacuum on the wells completed in the Forbes Unit in the Forbes (San Andres) Field and Forbes (Glorietta) Field. The wells completed in the two fields are listed in Attachment A.

The Forbes (San Andres) Field was discovered January 30, 1959 at a depth of 3,002 feet. Cumulative production for the field as of June 2014 is 871 MBO. The Apache Forbes Unit in the Forbes (San Andres) Field has produced 418.5 MBO as of February 2014. The oil decline curve has been estimated to be 7.5% in recent years.

The Forbes (Glorietta) Field was discovered August 28, 1955 at a depth of 3,605 feet. Cumulative production for the field as of June 2014 is 12.1 MMBO. The Apache Forbes Unit in the Forbes (Glorietta) Field has produced 2.8 MMBO as of February 2014. The oil decline curve has been estimated to be 5.7% in recent years.

The cumulative production rate of wells in both fields in the Forbes Unit is currently 288 BOPD without vacuum. Apache estimates that a rate of 329 BOPD will be achieved with vacuum. In total, an additional 240 MBO is estimated to be recovered with vacuum authority.

FINDINGS OF FACT

1. Notice of the hearing was provided to adjacent lease owners and operators to the 2,260 acre Forbes Unit.
2. The Forbes (San Andres) Field was discovered January 30, 1959 at a depth of 3,002 feet.
3. The Forbes (Glorietta) Field was discovered August 28, 1955 at a depth of 3,605 feet.

CONCLUSIONS OF LAW

1. Proper notice was issued as required by all applicable statutes and regulatory codes.
2. All things have occurred and been accomplished to give the Commission jurisdiction in this matter.
3. Approval of the requested authority pursuant to Statewide Rule 23 will prevent waste.

EXAMINERS' RECOMMENDATION

Based on the above findings of fact and conclusions of law, the examiners recommend that the Commission grant Statewide Rule 23 authority for the wells completed on the Forbes Unit Forbes (Glorietta) Field and Forbes (San Andres) Field as requested by Apache Corporation.

Respectfully submitted,



Karl Caldwell
Technical Examiner



Marshall Enquist
Legal Examiner

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ATTACHMENT A

API No.	Lease Name	Lease No.	Well No.	Field No	Field Name
10730725	FORBES UNIT	67509	108	31893666	FORBES (SAN ANDRES)
10730724	FORBES UNIT	67509	110	31893666	FORBES (SAN ANDRES)
10730761	FORBES UNIT	67509	111	31893666	FORBES (SAN ANDRES)
10730950	FORBES UNIT	67509	204	31893666	FORBES (SAN ANDRES)
10700080	FORBES UNIT	67509	302	31893666	FORBES (SAN ANDRES)
10730721	FORBES UNIT	67509	303	31893666	FORBES (SAN ANDRES)
10730759	FORBES UNIT	67509	304	31893666	FORBES (SAN ANDRES)
10730953	FORBES UNIT	67509	305	31893666	FORBES (SAN ANDRES)
10730964	FORBES UNIT	67509	308	31893666	FORBES (SAN ANDRES)
10700007	FORBES UNIT	67509	401	31893666	FORBES (SAN ANDRES)
10700010	FORBES UNIT	67509	403	31893666	FORBES (SAN ANDRES)
10731038	FORBES UNIT	67509	407	31893666	FORBES (SAN ANDRES)
10731039	FORBES UNIT	67509	505	31893666	FORBES (SAN ANDRES)
10731040	FORBES UNIT	67509	506	31893666	FORBES (SAN ANDRES)
16931698	FORBES UNIT	67509	602	31893666	FORBES (SAN ANDRES)
16933596	FORBES UNIT	67509	604	31893666	FORBES (SAN ANDRES)
10720005	FORBES UNIT	67509	1103	31893666	FORBES (SAN ANDRES)
16933482	FORBES UNIT	67509	1305W	31893666	FORBES (SAN ANDRES)
10730966	FORBES UNIT	67508	1WS	31893333	FORBES (GLORIETA)
10731041	FORBES UNIT	67508	2SW	31893333	FORBES (GLORIETA)
10731046	FORBES UNIT	67508	3WX	31893333	FORBES (GLORIETA)
10731049	FORBES UNIT	67508	4SW	31893333	FORBES (GLORIETA)
16933719	FORBES UNIT	67508	5WS	31893333	FORBES (GLORIETA)
10731051	FORBES UNIT	67508	6WS	31893333	FORBES (GLORIETA)
10700079	FORBES UNIT	67508	101	31893333	FORBES (GLORIETA)
10730528	FORBES UNIT	67508	102	31893333	FORBES (GLORIETA)
10730609	FORBES UNIT	67508	103	31893333	FORBES (GLORIETA)
10730631	FORBES UNIT	67508	104	31893333	FORBES (GLORIETA)
10730632	FORBES UNIT	67508	105	31893333	FORBES (GLORIETA)
10730694	FORBES UNIT	67508	106	31893333	FORBES (GLORIETA)
10730693	FORBES UNIT	67508	107	31893333	FORBES (GLORIETA)
10730726	FORBES UNIT	67508	109	31893333	FORBES (GLORIETA)
10730762	FORBES UNIT	67508	112	31893333	FORBES (GLORIETA)
10730763	FORBES UNIT	67508	113	31893333	FORBES (GLORIETA)
10730870	FORBES UNIT	67508	114	31893333	FORBES (GLORIETA)
10730869	FORBES UNIT	67508	115	31893333	FORBES (GLORIETA)
10730873	FORBES UNIT	67508	116	31893333	FORBES (GLORIETA)
10730874	FORBES UNIT	67508	117	31893333	FORBES (GLORIETA)
10730875	FORBES UNIT	67508	118	31893333	FORBES (GLORIETA)
10730876	FORBES UNIT	67508	119	31893333	FORBES (GLORIETA)

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API No.	Lease Name	Lease No.	Well No.	Field No	Field Name
10730986	FORBES UNIT	67508	120	31893333	FORBES (GLORIETA)
10730975	FORBES UNIT	67508	121	31893333	FORBES (GLORIETA)
10730976	FORBES UNIT	67508	122	31893333	FORBES (GLORIETA)
10730945	FORBES UNIT	67508	123	31893333	FORBES (GLORIETA)
10730946	FORBES UNIT	67508	124	31893333	FORBES (GLORIETA)
10730947	FORBES UNIT	67508	125	31893333	FORBES (GLORIETA)
10730948	FORBES UNIT	67508	126	31893333	FORBES (GLORIETA)
10730949	FORBES UNIT	67508	127	31893333	FORBES (GLORIETA)
10730973	FORBES UNIT	67508	128	31893333	FORBES (GLORIETA)
10730977	FORBES UNIT	67508	129	31893333	FORBES (GLORIETA)
10700008	FORBES UNIT	67508	201	31893333	FORBES (GLORIETA)
10730636	FORBES UNIT	67508	202	31893333	FORBES (GLORIETA)
10730892	FORBES UNIT	67508	203	31893333	FORBES (GLORIETA)
10730978	FORBES UNIT	67508	205	31893333	FORBES (GLORIETA)
10730956	FORBES UNIT	67508	306	31893333	FORBES (GLORIETA)
10730952	FORBES UNIT	67508	307	31893333	FORBES (GLORIETA)
10731010	FORBES UNIT	67508	309	31893333	FORBES (GLORIETA)
10730955	FORBES UNIT	67508	402	31893333	FORBES (GLORIETA)
10730642	FORBES UNIT	67508	404	31893333	FORBES (GLORIETA)
10730787	FORBES UNIT	67508	405	31893333	FORBES (GLORIETA)
10730963	FORBES UNIT	67508	406	31893333	FORBES (GLORIETA)
10700085	FORBES UNIT	67508	501	31893333	FORBES (GLORIETA)
10730801	FORBES UNIT	67508	502	31893333	FORBES (GLORIETA)
10730962	FORBES UNIT	67508	503	31893333	FORBES (GLORIETA)
10730979	FORBES UNIT	67508	504	31893333	FORBES (GLORIETA)
16900240	FORBES UNIT	67508	601	31893333	FORBES (GLORIETA)
16933462	FORBES UNIT	67508	603W	31893333	FORBES (GLORIETA)
16933474	FORBES UNIT	67508	605	31893333	FORBES (GLORIETA)
10700072	FORBES UNIT	67508	701	31893333	FORBES (GLORIETA)
10700081	FORBES UNIT	67508	702	31893333	FORBES (GLORIETA)
10700082	FORBES UNIT	67508	703	31893333	FORBES (GLORIETA)
10700083	FORBES UNIT	67508	704	31893333	FORBES (GLORIETA)
10730742	FORBES UNIT	67508	705	31893333	FORBES (GLORIETA)
10730961	FORBES UNIT	67508	706	31893333	FORBES (GLORIETA)
10730960	FORBES UNIT	67508	707	31893333	FORBES (GLORIETA)
10730959	FORBES UNIT	67508	708	31893333	FORBES (GLORIETA)
10730958	FORBES UNIT	67508	709	31893333	FORBES (GLORIETA)
10730995	FORBES UNIT	67508	710	31893333	FORBES (GLORIETA)
10700012	FORBES UNIT	67508	801	31893333	FORBES (GLORIETA)
10700014	FORBES UNIT	67508	802W	31893333	FORBES (GLORIETA)

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API No.	Lease Name	Lease No.	Well No.	Field No	Field Name
10730957	FORBES UNIT	67508	803	31893333	FORBES (GLORIETA)
10730954	FORBES UNIT	67508	804	31893333	FORBES (GLORIETA)
10700002	FORBES UNIT	67508	901	31893333	FORBES (GLORIETA)
10700013	FORBES UNIT	67508	902	31893333	FORBES (GLORIETA)
10730893	FORBES UNIT	67508	903	31893333	FORBES (GLORIETA)
10730965	FORBES UNIT	67508	904W	31893333	FORBES (GLORIETA)
10700015	FORBES UNIT	67508	1001	31893333	FORBES (GLORIETA)
10700016	FORBES UNIT	67508	1002	31893333	FORBES (GLORIETA)
10730980	FORBES UNIT	67508	1003	31893333	FORBES (GLORIETA)
10730981	FORBES UNIT	67508	1004	31893333	FORBES (GLORIETA)
10730992	FORBES UNIT	67508	1005	31893333	FORBES (GLORIETA)
10730993	FORBES UNIT	67508	1006	31893333	FORBES (GLORIETA)
10731005	FORBES UNIT	67508	1008	31893333	FORBES (GLORIETA)
10710203	FORBES UNIT	67508	1101	31893333	FORBES (GLORIETA)
10720005	FORBES UNIT	67508	1103	31893333	FORBES (GLORIETA)
10731007	FORBES UNIT	67508	1104	31893333	FORBES (GLORIETA)
10730990	FORBES UNIT	67508	1105	31893333	FORBES (GLORIETA)
10731013	FORBES UNIT	67508	1108	31893333	FORBES (GLORIETA)
16900241	FORBES UNIT	67508	1201	31893333	FORBES (GLORIETA)
16932083	FORBES UNIT	67508	1202	31893333	FORBES (GLORIETA)
16901848	FORBES UNIT	67508	1301	31893333	FORBES (GLORIETA)
16901849	FORBES UNIT	67508	1302	31893333	FORBES (GLORIETA)
16933365	FORBES UNIT	67508	1303	31893333	FORBES (GLORIETA)
16933364	FORBES UNIT	67508	1304	31893333	FORBES (GLORIETA)
10730982	FORBES UNIT	67508	1404	31893333	FORBES (GLORIETA)
10731011	FORBES UNIT	67508	1405	31893333	FORBES (GLORIETA)
10731012	FORBES UNIT	67508	1406	31893333	FORBES (GLORIETA)
16900188	FORBES UNIT	67508	1601	31893333	FORBES (GLORIETA)
16900187	FORBES UNIT	67508	1602	31893333	FORBES (GLORIETA)