

SURFACE COMMINGLE APPLICATION
 PLAINS KNIGHT/BERTHA LEASES
 SEC. 23, T24S, R37E
 LEA COUNTY, NEW MEXICO

PRODUCTION HISTORY

LEASE	WELL	STATUS	POOL	MO/YR	BOPM	AVG. BOPD
PLAINS KNIGHT	1 PR	FOWLER ELLENBURGER		06/90	1366	46
				07/90	1422	46
				08/90	1284	41
				09/90	1390	46
				10/90	1367	44
				11/90	1362	45
				12/90	1343	43
				01/91	1177	38
				02/91	1170	42
				03/91	1315	42
				04/91	1183	39
				05/91	1333	43
PLAINS KNIGHT	2 PR	FOWLER TUBB DRINKARD		01/91	629	20
				02/91	1071	38
				03/91	803	26
				04/91	596	20
				05/91	581	19
PLAINS KNIGHT	2 CI	FOWLER UPPER YESO		06/90	54	2
				07/90	63	2
				08/90	66	2
				09/90	64	2
				10/90	67	2
				11/90	60	2
				12/90	67	2
				01/91	13	0
BERTHA	2 PR	FOWLER UPPER YESO		06/90	69	2
				07/90	79	3
				08/90	80	3
				09/90	81	3
				10/90	85	3
				11/90	76	3
				12/90	84	3
				01/91	103	3
				02/91	35	1
				03/91	39	1
				04/91	82	3
				05/91	81	3

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PRODUCTION VALUES

WELL	POOL	OIL PROD. (BOPD)	GRAVITY (API)	CURRENT		COMMINGLED	
				PRICE (\$/BBL)	VALUE (\$/DAY)	PRICE (\$/BBL)	VALUE (\$/DAY)

PLAINS KNIGHT/BERTHA BATTERY:

PLAINS KNIGHT #2	FOWLER TUBB DRINKARD	19	35.1	\$20.88	\$396.72	\$21.00	\$399.00
BERTHA #2	FOWLER UPPER YESO	3	35.2	\$20.89	\$62.67	\$21.00	\$63.00

PLAINS KNIGHT #1 BATTERY:

PLAINS KNIGHT #1	FOWLER ELLENBURGER	43	43.8	\$21.00	\$903.00	\$21.00	\$903.00
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CURRENT VALUE:

\$1,362.39

COMMINGLED VALUE:

\$1,365.00

DIFFERENCE IN VALUE:

WTI Prices effective 07/18/91.

The Plains Knight/Bertha Battery is authorized to surface commingle production from the Fowler Tubb Drinkard and the Fowler Upper Yeso under the Commingling Order # CTB-220.

Current commingled gravity at Plains Knight/Bertha Battery = 34.1

Proposed
Commingled Gravity = (22 BOPD x 34.1) + (43 BOPD x 43.8) = 40.5
(API) ----- 65