



DATE: 04/25/95
 TIME: 10:31:33
 PAGE: 20

LEASE CODE #: 340216
 LEASE: BATES UNIT WELL: 5-03
 FIELD: BATES, RESERVOIR: MISS
 COUNTY: SUMNER, STATE: KS
 OPERATOR: PHILLIPS PETROLEUM CO

PHILLIPS - PRODUCTION - L E D G E R

DATE	OIL, BBL	CUM-OIL	GAS, MCF	CUM-GAS	GOR, CF/BBL	WATER, BBL	WATER CUT, %	DAYS ON
PRIOR	61,131	61,131	0	0	0	70,462	53.55	4368
1/93	211	61,342	0	0	0	477	69.33	31
2/93	189	61,531	0	0	0	431	69.52	28
3/93	217	61,748	0	0	0	455	67.71	31
4/93	199	61,947	0	0	0	387	66.04	30
5/93	213	62,160	0	0	0	385	64.38	30
6/93	189	62,349	0	0	0	387	67.19	30
7/93	191	62,540	0	0	0	400	67.68	31
8/93	187	62,727	0	0	0	380	67.02	31
9/93	162	62,889	0	0	0	300	64.94	30
10/93	162	63,051	0	0	0	310	65.68	31
11/93	160	63,211	0	0	0	300	65.22	30
12/93	155	63,366	0	0	0	310	66.67	31
TOT/93	2,235	63,366	0	0	0	4,522		
1/94	174	63,540	0	0	0	376	68.36	31
2/94	202	63,742	0	0	0	448	68.92	28
3/94	222	63,964	0	0	0	496	69.08	31
4/94	206	64,170	0	0	0	480	69.97	30
5/94	203	64,373	0	0	0	496	70.96	31
6/94	196	64,569	0	0	0	479	70.96	30
7/94	214	64,783	0	0	0	474	68.90	31
8/94	191	64,974	0	0	0	443	69.87	29
9/94	198	65,172	0	0	0	459	69.86	30
10/94	196	65,368	0	0	0	474	70.75	31
11/94	193	65,561	0	0	0	459	70.40	30
12/94	198	65,759	0	0	0	474	70.54	31
TOT/94	2,393	65,759	0	0	0	5,558		
1/95	199	65,958	0	0	0	474	70.43	31
2/95	170	66,128	0	0	0	428	71.57	28
3/95								
4/95								
5/95								
6/95								
YTD/95	369	66,128	0	0	0	902		
TOTAL	66,128	66,128	0	0	0			

McGee Energy Services, Inc. and Clients
 makes no representation or warrants with
 respect to any of this information.

101 N. Robinson
Oklahoma City, Oklahoma

June 5, 1981

Re: PFCO #5-3 Bates Unit
C-SW-NF Section 36-30S-2W
Sumner County, Kansas
83.38% Working Interest

MEMO TO: FILE

FROM: Nancy D. Anstine

RTD 3837' - Ran Schlumberger electric logs.

ELECTRIC LOG TOPS

Topeka	2022	(-708)
Heebner	2447	(-1133)
Lansing	3066	(-1752)
Base Kan. City	3300	(-1986)
Cherokee	3560	(-2246)
Mississippi Cht	3718	(-2404)
Mississippi Lm	3442	(-2428)

Set 5 1/2" casing at 3837" WOCT PF (Miss) 3734-46 OA acid swbd 32 BF

11-21-81 completed Miss 3734-46 LPP 39 BO + 20 BWD.

NDA:ld

McGee Energy Services, Inc. and Clients
makes no representation or warrants with
respect to any of this information.

Oklahoma City, Okla.
August 13, 1980



INTER-OFFICE CORRESPONDENCE / SUBJECT:

Re: Bates Unit
Summer County, KS
Proposal To Drill Well No. 5-3

The Working Interest Owners
Bates Unit

Working Interest Owners approval is requested to drill Bates Unit Well No. 5-3 to prevent drainage due to offset development. Copies of cost estimates to drill the well to 4,200', and to install surface pumping equipment, are enclosed. Please execute the enclosed ballot and return one (1) copy to this office at your earliest convenience.

Referring to the enclosed Structure Map, Aladdin Petroleum Corp. drilled the No. 1 Ast, located NE SE NW Sec. 36, and completed the well in the Mississippi for an initial pumping potential of 25 BO, 10 BW, daily. Currently, the well is reported producing an average of 10 BOPD, with water production unknown. A comparison of electric logs from the Bates Unit Well No. 5-1, and the Aladdin Well, show essentially the same zone development with 6 feet of structural relief. The proposed unit well, therefore, should encounter comparable pay thickness and capture waterflood oil reserves that would otherwise be lost to offset drainage.

Based on an initial pumping potential of 10 BOPD and allowing for escalation of controlled crude oil price, the total estimated gross costs of \$167,400 will pay out in 3.91 years, provide a A.A.R.R. of 20.46%, return the expenditure 1.60 times.

Phillips currently has a drilling contractor in the area who has tentatively agreed to move to the proposed location upon completing a current drilling well. It will be advantageous to the Unit to drill the proposed well as soon as practical, therefore, a firm contract should be negotiated. Because of demand for drilling rigs, if a contract is not negotiated in the immediate future there will be a 3 to 6 months delay in drilling the proposed well. For this reason your early reply is requested.

A total Unit performance curve is also enclosed for information.

Very truly yours,

PHILLIPS PETROLEUM COMPANY

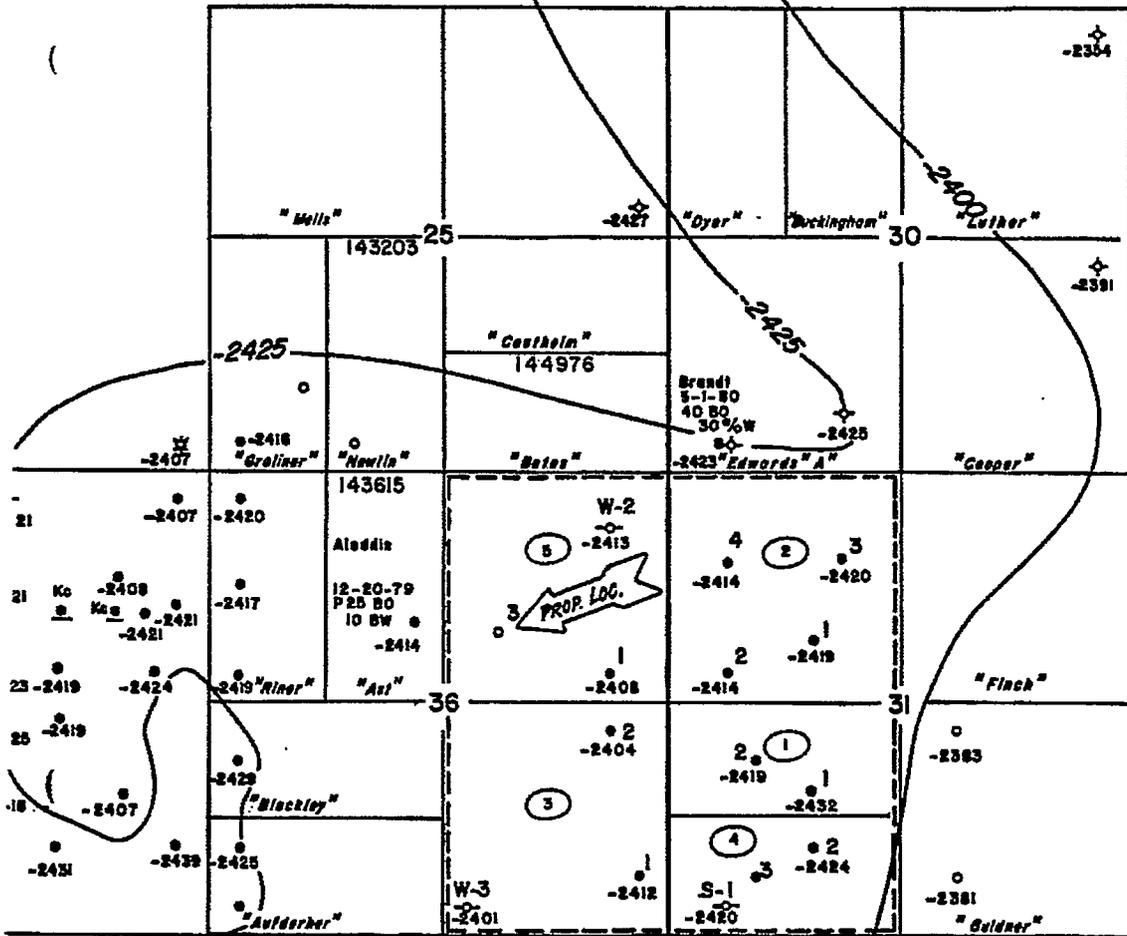
R.A. Easterly
R. A. Easterly
Unit Representative

RAE:tjo
Enclosures

McGee Energy Services, Inc. and Clients
makes no representation or warrants with
respect to any of this information.

R 2 N

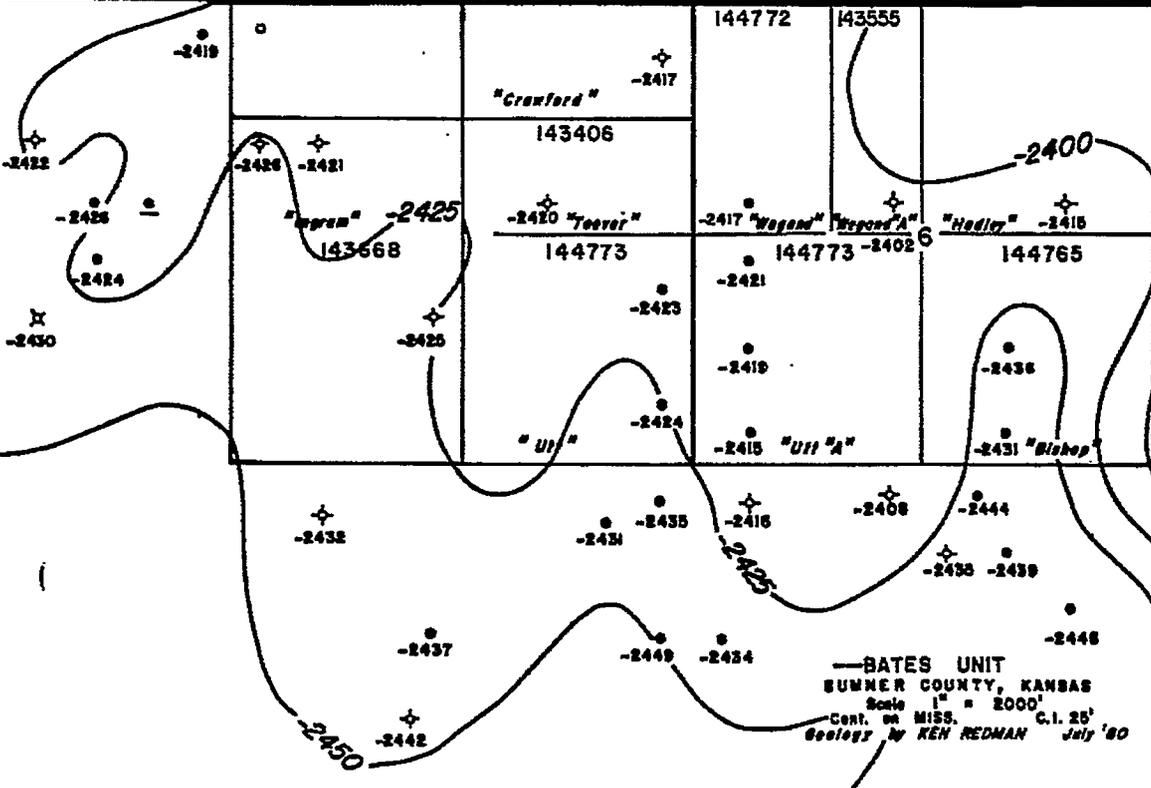
R 1 W



T 30 S

T 31 S

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BATES UNIT
SUMNER COUNTY, KANSAS
Scale 1" = 2000'
Cont. on MISS. C.I. 25'
Geology by KEN REDMAN July '80