

COUNTY	LEA	FIELD	Wildcat	STATE	NM
OPR	HILLIARD OIL & GAS, INC.			API	30-025-24757
NO	LEASE	McElvain Federal		SERIAL	
	Sec 30, T-18-S, R-34-E			MAP	
	1980' FSL, 1980' FEL of Sec			CO-ORD	

SFD CSE	6-1-74	CMP	10-27-74	WELL CLASS:	INT.	WE	FIN	WFD
13 3/8" at 355' w/370 sx 8 5/8" at 5115' w/500 sx 4 1/2" lnr 4870-9650' w/590-SK				FORMATION	DATUM	FORMATION	DATUM	
				TD	14.075' (MSSP)	PBD	9650'	

IP (Bone Spring) Perf 9498-9524' P 132 BOPD + 9 BW. Pot
based on 24 hr test. GOR 414; Grav 35

CONT# Tri-Service OPR'S ELEV 3903' GL PD 15,000' RT

F.R. 5-20-74
(Devonian)

6-11-74 Drlg 4431' anhy
6-18-74 Drlg 5381' lm
6-24-74 Drlg 7273' lm, sd & sh
7-1-74 Drlg 9152' lm & sh
7-8-74 Drlg 10,363' lm & sh
DST 9500-9607', open 1 hr 45 mins, rec 2615'
GIDP + 10' oil, 30 min ISIP 3171#, FP 100-138#,
2 hr FSIP 3882#, HP 4174-4174#

7-15-74 Drlg 11,278'
7-22-74 Drlg 11,938' lm, sd & sh
7-29-74 Drlg 12,507' lm & sh
8-5-74 Drlg 13,235' lm, sh & sd

8-12-74

Drlg 13,495' 1m & sh
DST (Morrow) 13,130-286', open 4 hrs 30 mins,
(3000' WB) GTS during 1st Flow, WBTS in 1 hr
38 mins, cond TS in 3 hrs 29 mins, rev out 8
B cond + 16 BSW, 2 hr ISIP 6828#, FP 1676-2983#.
3 hr 40 min FSIP 6563#, HP 7094-7037#

DST 13,270-369', Pkr Failed
DST 13,251-369', open 1 hr 20 mins, (3000' WB),
GTS during FSIP @ est 17.5 MCFGPD, rec 3000'
GCWB + 210' GCM, 1 hr 10 min ISIP 5425#, FP
1494-1512#, 2 hr FSIP 6658#, HP 7176-7176#

8-20-74

Drlg 13,921' sh
TD 14,075'; PBD 9650'; WOC
PB to 9650' w/180 sx

8-27-74

9-3-74

TD 14,075'; PBD 9650'; WOCU

9-10-74

TD 14,075'; PBD 9650'; SI

Perf 9498-9512', 9518-24' w/2 SPF

9-16-74

TD 14,075'; PBD 9650'; Swbg

Acid (9498-9524') 3000 gals

Frac (9498-9524') 30,000 gals + 31,500# sd

9-23-74

TD 14,075'; PBD 9650'; Swbg 1d

10-7-74

TD 14,075'; PBD 9650'; WO Pmp

10-14-74

TD 14,075'; PBD 9650'; SI Storage

10-21-74

TD 14,075'; PBD 9650'; Prep TO Pmp

10-28-74

TD 14,075'; PBD 9650'; Tatg

11-4-74

TD 14,075'; PBD 9650'; SI

11-18-74

TD 14,075'; PBD 9650'; TO Pmp

12-9-74

TD 14,075'; PBD 9650'; COMPLETE

DEA
WILLIARD OIL & GAS, INC.

Wildcat
1 McElvain Federal
Sec 30, T18S, R34E

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12-2-74

Continued
Bona Spring Discovery, No suggested field name
198 2034: Anhydrite 1697', Salt 1,000', Base
Salt 2930', Tate 2100', San Andres 5064',
Belward 5618', Bona Spring 7611', Wolfcamp
10,446', Strawn 12,240', Atoka 12,479', Morrow
13,124', Mississippian Lime 14,027'

12-14-74

COMPLETION REPORTED

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PL.

Form C-102
Revised C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

AMENDED

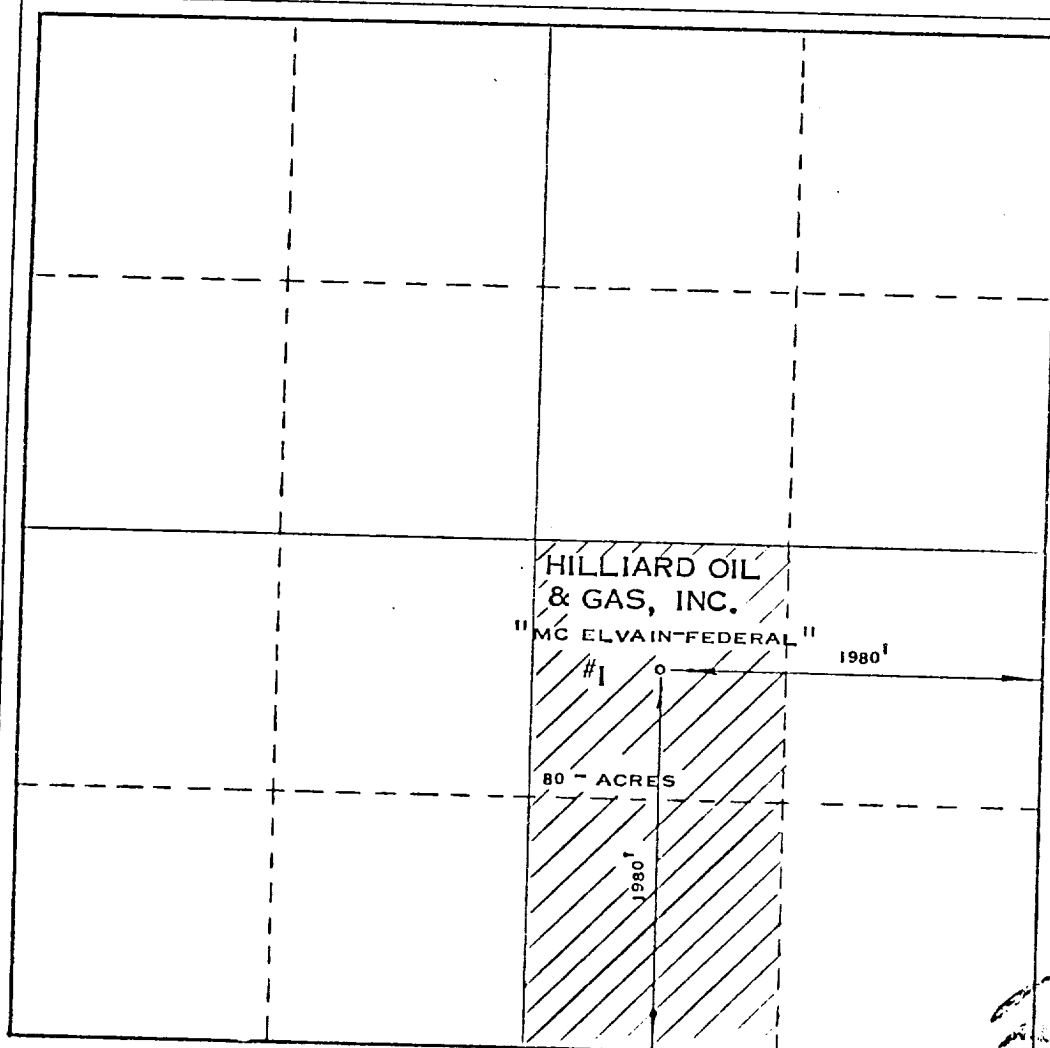
Operator HILLIARD OIL & GAS, INC.		Lease McELVAIN-FEDERAL		Well No. 1	
Unit Letter "J"	Section 30	Township 18-S	Range 34-E	County LEA	
Actual Footage Location of Well: 1980 feet from the SOUTH line and 1980 feet from the EAST line					
Ground Level Elev. 3903	Producing Formation BONE SPRING		Pool E-K BONE SPRING		Dedicated Acreage 80 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

[Signature]
Name
DAROL K. RAMEY

Position
Manager of Operations

Company
HILLIARD OIL & GAS, INC.

Date
3-17-75

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
MARCH 17, 1975

Registered Professional Engineer
and Land Surveyor

[Signature]
MAX A. SCHUMANN, JR.

Certificate No.
1510

