

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

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

All distances must be from the outer boundaries of the Section.

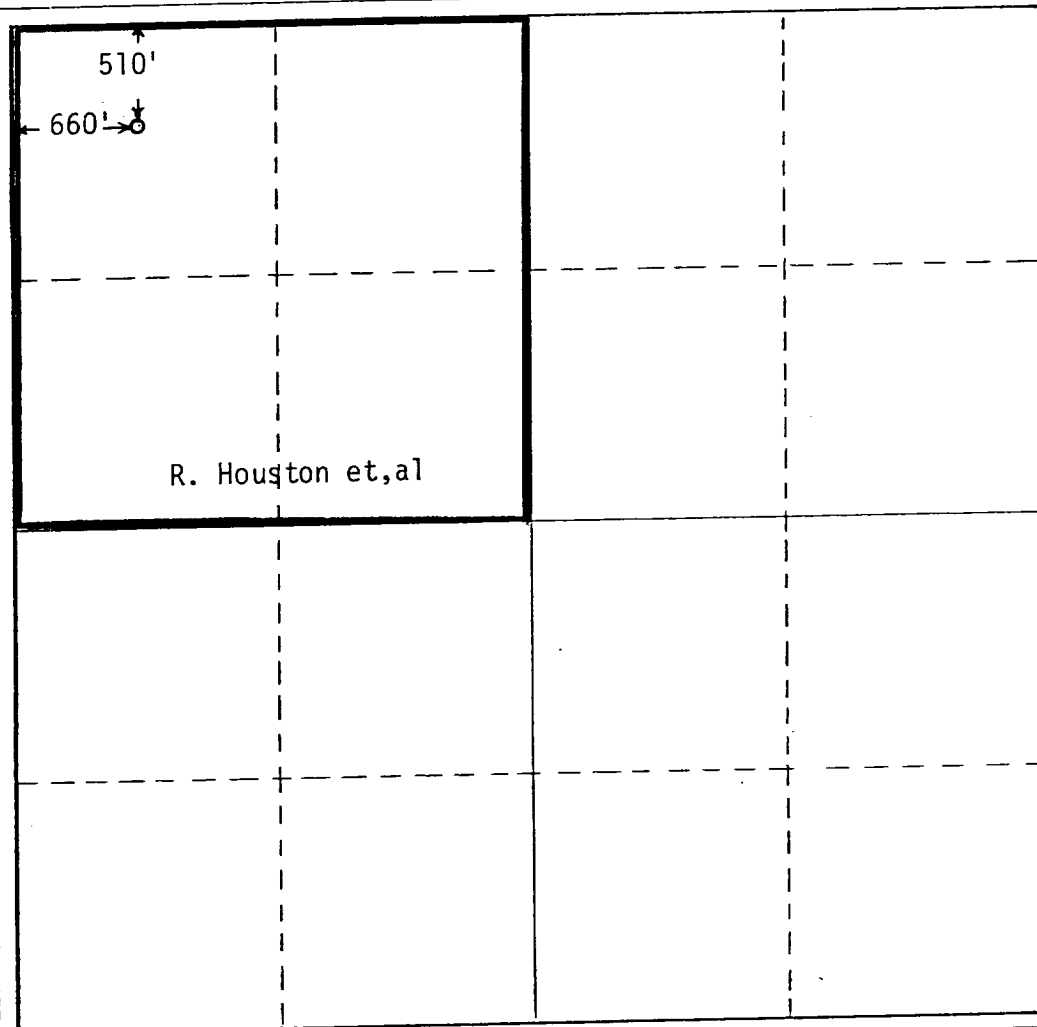
Operator Mesa Petroleum Co			Lease Houston		Well No. 1
Unit Letter D	Section 18	Township 16S	Range 36E	County Lea	
Actual Footage Location of Well: 510' feet from the North line and 660' feet from the West line					
Ground Level Elev. 3953.8	Producing Formation Wolfcamp	Pool Shoe Bar, North		Dedicated Acreage: 153.02 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.

Michael P. Houston

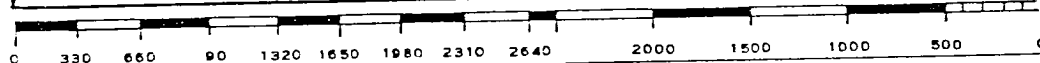
Name
Michael P. Houston
Position
Division Engineer
Company
Mesa Petroleum Co
Date
August 24, 1977

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

Registered Professional Engineer
and/or Land Surveyor

Certificate No.



RECEIVED

AUG 21 1977

OIL CONSERVATION COMM.
HOBBS, N. M.

COUNTY LEA FIELD Shoe Bar, N. STATE NM
 OPR MESA PETROLEUM CO. API 30-025-25565
1 LEASE Houston MAP
Sec 18, T16S, R36E CO-ORD
510 FNL, 660 FWL of Sec 8-3-26 NM
2 mi W/Lovington ResPD4-22-82 RecMP5-18-82

CSC

13 3/8-355-400 sx
 9 5/8-4165-1800 sx
 5 1/2-11,518-1000 sx

WELL CLASS: INIT DX FIN DO LSE. CODE			
FORMATION	DATUM	FORMATION	DATUM
TD 11,519(ATOK)		PBD 11,437	

IP(Wolfcamp)Perfs 10,308-318 F 145 BOPD.Pot based on 24 hr test
 thru 20/64 chk. GOR 2516; gty (NR); CP Pkr; TP 335

CONTR OPRSELEV 3954 GL

8-16-82 F.R.C. 8-21-82 OWWO
 PD 10,421 WO (Wolfcamp)
 (Orig. Cmp 8-12-77 thru (Wolfcamp) Perfs
 10,509-560; OTD 11,519; OPB 11,437)
 TD 11,519; PBD 11,437; Complete
 RBP @ 10,421
 Perf (Upper Wolfcamp) 10,308-318
 Acid (10,308-318) 2500 gals
 Lower Wolfcamp Perfs isolated will commingle
 @ a later date
 8-21-82 COMPLETION ISSUED

8-3-26 NM
 IC 30-025-70668-82

COUNTY	LEA	FIELD	Shubar, N.	STATE	NM
OPR	MESA PETROLEUM CO.			API	30-025-25565
NO	1	LEASE	Houston	MAP	
	Sec 18, T16S, R36E			C.O. ORD	
	510' FNL, 660' FWL of Sec				9-1-4 NM
	2 mi W Lovington			SPD	6-15-77
				CMP	8-12-77

13 3/8" at 355' w/400 sx
9 5/8" at 4165' w/1800 sx
5 1/2" at 11,518' w/1000 sx

WELL CLASS: INIT D FIN DO TLEV		I. & O.	
FORMATION	DATUM	FORMATION	DATUM
ID 11,519' (ATOK)		PBD 11,437'	

IP (Wolfcamp) Perfs 10,509-560' F 330 BOPD. Pot based on 24 hr test thru 32/64" chk. GOR 1564; gty 39.2; CP Pkr; TP 150#

CONTR	Moranco	OPRS ELEV	3954' GL	PD	11,700' RT
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F.R. 6-13-77
(Strawn)
6-21-77 Drlg 3750' 1m & anhy
6-27-77 Drlg 5920'
7-11-77 Drlg 10,345'
7-18-77 TD 11,229'; Trip
7-25-77 TD 11,519'; WOC
DST (WFMP) 10,497-550', open 1 hr 10 mins,
rec 400' sli GCM w/tr oil, 1 hr 30 min ISIP
2584#, FP 86-137#, 3 hr FSIP 2366#, HP 5018-
5082#, BHT 155 deg
DST (STRN) 11,357-408', open 1 hr 30 mins,
rec 1020' WB + 365' O&GCDF, 1 hr 30 min ISIP
3500#, FP 472-553#, 4 hr FSIP 3298#, HP 5747-
5747#, BHT 155 deg

9-1-4 NM

LEA
MESA PETROLEUM CO.

Shubar, N.
1 Houston
Sec 18, T16S, R36E

NM
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7-25-77 Continued
DST (STRN) 11,432-519', open 1 hr 45 mins,
rec 1020' WB + 1100' sli O&GCWB + 1000'
GCM + 5400' GCSW, 1 hr 40 min ISIP 3681#,
FP 875-3268#, 4 hr FSIP 3656#, HP 5786-5786#,
BHT 190 deg
8-2-77 TD 11,519'; PBD 11,437'; MICU
8-8-77 TD 11,519'; PBD 11,437'; SI
Perf (WFMP) 10,509', 10,526-532', 10,534-541',
10,560' w/1 SPF
8-22-77 TD 11,519'; PBD 11,437'; WOSP
9-1-4 NM

8-29-77 TD 11,519'; PBD 11,437'; Complete
LOG TOPS: Rustler Anhydrite 1978', Tansill
3053', Yates 3177', Queen 4125', San Andres
4774', Glorieta 6342', Tubb 7511', Abo 8268',
Wolfcamp 9651', Strawn 11,350', Atoka 11,504'
LOGS RUN: SNP, DILL
BHT 156 deg
9-1-77 COMPLETION ISSUED

9-1-4 NM
IC 30-015-70148-77