

COUNTY	LEA	FIELD	Wildcat	STATE	NM	30-025-23189
OPR	PENNZOIL UNITED, INC.				MAP	
	1 Mescalero Ridge Unit					
	Sec 20, T-19-S, R-34-E				CO-ORD	
	660' FSL, 660' FWL of Sec.					
	Spd 6-11-69					
	Cmp 9-21-69					
		FORMATION	DATUM	FORMATION	DATUM	
CSG & SX - TUBING						
20" at 52' w/5 yds						
13 3/8" at 857' w/885 sx						
9 5/8" at 5100' w/900 sx						
4 1/2" at 13,953' w/800 sx						
LOGS EL GR RA IND HC A						
	TD 13,953'; PBD 13,947'					
IP (Morrow) Perfs 13,219-485' CAOF 8950 MCFGPD. GOR 14,703;						
Grav (cond) 52.6; Grav (gas) .702; SITP 4373#.						

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CONT. Noble
DATE
PROP DEPTH 15,000' TYPE

F.R. 6-17-69; Opr's Elev. 3689' GL
PD 15,000' (Devonian)
Contractor - Noble

6-16-69	Drlg. 870' redbed
6-23-69	Drlg. 4125' 1m
6-30-69	Drlg. 4952' 1m & sh
7-7-69	Drlg. 5880' 1m
7-14-69	Drlg. 8140' 1m & sh
7-22-69	Drlg. 9915' 1m
7-28-69	Drlg. 10,610' 1m & sh

DST 10,092-10,105', open 2 hrs, rec 10' OCM +
50' oil (grav 22) + 40' salt wtr, 1 hr 30 min
ISIP 2295#, FP 20-25#, 2 hr FSIP 2244#,
HP 4560-4560#

8-4-69	Drlg. 11,110' 1m & sh
8-11-69	Drlg. 11,920' 1m & sh

8-18-69 Drlg. 12,608' 1m, sh & sd
8-25-69 TD 13,230' 1m, sh & sd; Prep DST 13,210-230'
9-2-69 Drlg. 13,410' sh
DST 13,210-230', open 3 hrs 15 min (2000' WB),
GTS 28 min @ max 110 MCFGPD, dec to TSTM,
rev out 2000' GCWB + trace dist, 1 hr 30 min
ISIP 6302#, FP 836-836#, 2 hr FSIP 5786#
DST 13,235-263', open 3 hrs 15 min (2000' WB),
WETS 14 min, Flwd gas @ 1010 MCFGPD in 1 hr
41 min thru 18/64" chk, Flwd gas @ 1700 MCFGPD
in 19 min thru 30/64" chk SFP 425#
Rev out 20 B WB + 1½ B dist (Sample Chamber
rec 3.26 CPG + 20 cc's GCM), 1 hr 30 min
ISIP 2744#, FP 2209-1177#, 3 hr FSIP 1048#
DST 13,275-317', open 8 hrs, Flwd gas @ 6.2

9-2-69 Continued
MMCFGPD thru 13/64" chk
Flwd gas @ 3.2 MMCFGPD thru 8/64" chk
Rev out 13,337' very HO&GCM, rec 84' dist
Below sub, 1 hr 30 min ISIP 6647#, FP 2658-
3161#, 8 hr FSIP 6548#
9-8-69 Drlg. 13,686' 1m & sh
DST (Morrow) 13,480-516', open 6 hrs 25 min
(3000' WB), WETS 18 min, GTS 25 min,
Flwd gas @ 2.9 MMCFGPD + spray dist in 2 hrs
thru 1/4" chk SP 700#, SI 2 hrs
Flwd 15.6 B dist + 20.9 BW + gas @ 1.2 MMCFGPD -
2.75 MMCFGPD in 4 hrs thru 1/4" chk, SP 1000#
Rev out 115 B dist + 225 BW, 1 hr 30 min ISIP
6436#, FP 2006-2083#, 6 hr FSIP 6597#
9-15-69 TD 13,913'; PBD 13,947'; MORT

9-22-69 TD 13,953'; PBD 13,947'; Tstg
Perf @ 13,460', 13,462', 13,464', 14,467',
13,469', 13,471', 13,473', 13,475', 13,477',
13,479', 13,481', 13,483', 13,485'
Acid (13,460-485') 250 gals
Flwd 57 BW + 99 B cond + gas @ 2.6 MMCFPGD
in 17 hrs thru 16/64" chk (13,460-485')
9-29-69 TD 13,953'; PBD 13,947'; Rng Four Point Gauges
Flwd 81 B cond + 21 BW + gas @ 4 MMCFPGD
in 7 hrs thru 16/64" chk, TP 2800#
Perf @ 13,219', 13,221', 13,225', 13,282',
13,284', 13,286', 13,288', 13,289', 13,291',
13,292', 13,304', 13,307', 13,313', 13,316'
w/ 3 SPI

10-7-69 TD 13,953'; PBD 13,947'; WO Potential
10-20-69 TD 13,953'; PBD 13,947'; COMPLETE
FOUR POINT GAUGES
Flwd 3351 MCFPGD thru 13/64" chk, 60 min,
TP 2929#
Flwd 2975 MCFPGD thru 11/64" chk, 60 min,
TP 3232#
Flwd 2752 MCFPGD thru 9/64" chk, 60 min,
TP 3522#
Flwd 2495 MCFPGD thru 7/64" chk, 120 min,
TP 3765#
LOG TOPS: Anhydrite 1650', Yates 3714',
Queen 4466', Penrose 4726', First Bone
Springs 9364', Second Bone Springs 9886',
Wolcamp 10,854', Strawn 12,157', Atoka
12,409', Morrow 12,740', Chester 13,616',

LEA Wildcat NM Sec 20,T19S,R34E
PENNZOIL UNITED, INC. 1 Mescalero Ridge Unit Page #4

10-20-69 Continued
 Mississippian Lime 13,916'
 (Morrow Discovery)
10-23-69 COMPLETION REPORTED

NEW XICO 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.

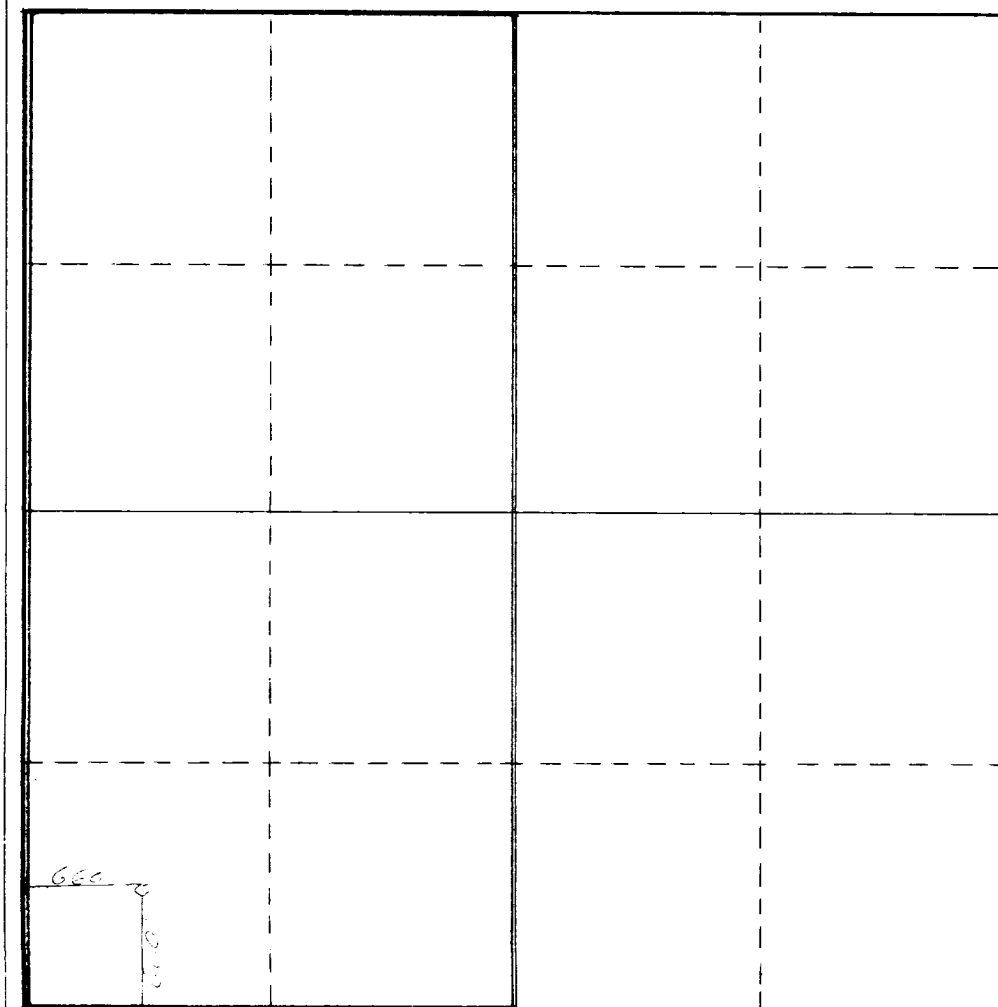
Operator Pennzoil United, Inc.			Lease Mescalero Ridge Unit		Well No. 1
Tract Letter M	Section 20	Township 19-S	Range 34-E	County Lea	
Actual Footage Location of Well:					
660 feet from the West line and		660 feet from the South line			
Ground Level Elev.	Producing Formation Morrow	Pool Quail Ridge Morrow		Dedicated Acreage: W/2 320 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.

Name _____
 Position
Petroleum Engineer
 Company
Pennzoil United, Inc.
 Date
December 8, 1969

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. _____



NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-101
Supersedes O-128
Effective 12-61

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

Operator PENNZOIL COMPANY		Lease Mescalero Ridge Unit		Well No. 1
Tract Letter M	Section 20	Township 19-S	Range 34-E	County Lea

Actual Footage Location of Well:

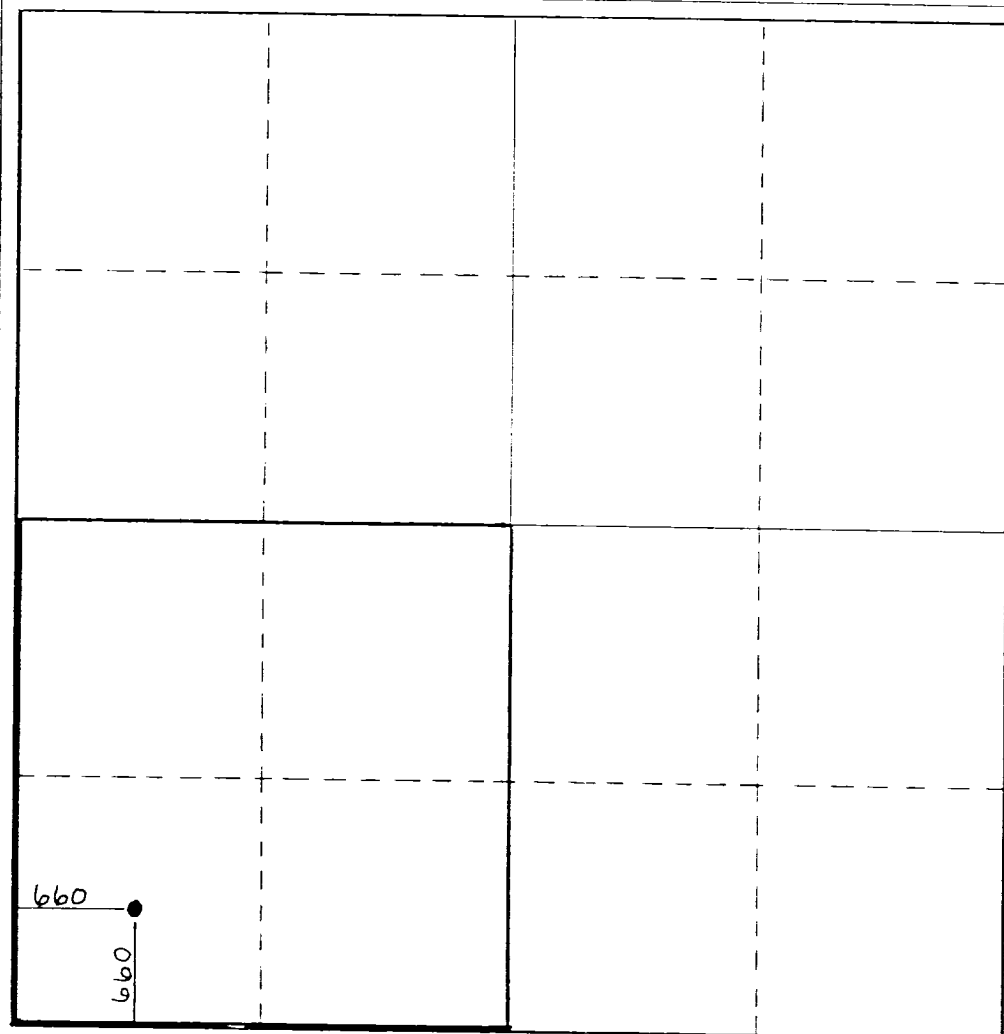
660	feet from the West	line and	660	feet from the South	line
Ground Level Elev.	Producing Formation Morrow	Pool Ouail Ridge Morrow	Dedicated Acreage: w/2 160 Acres		

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?

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CERTIFICATION

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

L. Charles Marquart

Name L. Charles Marquart
Position Dist. Prod. Mgr.
Company Pennzoil Company
Date September 4, 1980

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.

