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Form C-105  
Revised 11-1-74

# NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease	State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	K-6873

1a. TYPE OF WELL	
OIL WELL <input type="checkbox"/>	GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>
b. TYPE OF COMPLETION	
NEW WELL <input type="checkbox"/>	WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> FLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>

7. Unit Agreement Name
8. Farm or Lease Name
Maljamar State
9. Well No.
1
10. Field and Pool, or Wildcat
Maljamar Penn

2. Name of Operator	
Mesa Petroleum Co	
3. Address of Operator	
1000 Vaughn Bldg., Midland, Texas 79701	
4. Location of Well	
UNIT LETTER <u>F</u>	LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>1980</u> FEET FROM
THE <u>West</u> LINE OF SEC. <u>29</u> TWP. <u>16S</u> RGE. <u>33E</u> NMPM	12. County
	Lea

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
4-17-77	6-6-77	-	4233.5 GR	4233.5 GR
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools
13,701	-	-	→	A11

24. Producing Interval(s), of this completion - Top, Bottom, Name	25. Was Directional Survey Made
-	No

26. Type Electric and Other Logs Run	27. Was Well Cored
CNL - FDC - GR, DLL-RXO	No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	46-68	978	17 1/2	475 HLW + 300 c	None
9-5/8"	36-40	4562	12 1/4	300 c	1109

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

33. PRODUCTION							
Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)						
Well Status (Prod. or Shut-in)							
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
34. Disposition of Gas (Sold, used for fuel, vented, etc.)						Test Witnessed By	

35. List of Attachments
C-103, DST Summary

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.		
SIGNED <u>Michael P. Houston</u>	TITLE <u>Division Engineer</u>	DATE <u>June 28, 1977</u>

XC: JLF, MEC, JWH, RHN, 5 NMOCC,

12: 1977

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1977

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by a copy of all electrical and radioactivity logs run in the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

### Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt <u>1440</u>	T. Strawn <u>12,262</u>	T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Salt _____	T. Atoka <u>12,547</u>	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss <u>13,662</u>	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>4410</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	T. Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>7890</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. <u>Kemnitz 10,615</u>	T. Chinle _____	T. _____
T. Penn. _____	T. <u>Seaman 11,550</u>	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. <u>Morrow 13,104</u>	T. Penn. "A" _____	T. _____

## OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from <u>12,940</u> to <u>13,020</u> feet	Recovered wtr on DST _____
No. 2, from _____ to _____ feet	_____
No. 3, from _____ to _____ feet	_____
No. 4, from _____ to _____ feet	_____

## FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	100	100	Surface Sand & Caliche				
100	1440	1340	Anhydrite & Shale				
1440	2700		Salt & Anhydrite				
2700	4410		Anhydrite, Dolomite, Shale				
4410	4600		Dolomite - Lime				
4600	10615		Lime-Shale				
10615	11550		Shale, Lime, Trace Sand				
11550	12262		Shale, Lime, Seaman				
12262	12547		Shale, Lime, Trace Sand-Strawn				
12547	13194		Lime, Sand & Shale - Atoka				
13104	13662		Sand, Lime, Shale - Morrow				
13662	13701		Lime & Shale - Mississippian				

20 1977

U. S. CONSERVATION COMMISSION  
HOBBS, N. M.

## MALJAMAR STATE #1

## DST SUMMARY

DST #1 12,950'-13,051' (Atoka)

Opened on 10" PF with weak blow. SI 60". Reopened on 90" FF with weak blow. No GTS.

IHS	7016
10" IF	1008-1155
60" ISIP	6567
90" FF	1136-2016
180" FSIP	6477
FHS	7016
Rec	1980 WC

+ 284 DM (C1 155,200) + 945' SWCDM (C1 83,000) + 1890' SW (C1 17,400)  
Chamber had 1900 cc SW (C1 11,8-0) + 2.1 CFG @ 950 psi.

DST #1 13,470'-13,672' (Morrow) 2000' WB

Opened tools on 60" PF with 1" blow, increased to 6 psi at end of flow period. SI 2 hrs (had GTS 18" into ISI). Reopen on 60" FF with good blow, increased to 40 psi on 1/4" choke at end of flow period. Rate 80 MCF. SI 2 hrs. Recovered 1767' HGCWB + 187' G&WBCM + 698' GCM.

IHH	7230
60" PF	1261-1283
120" ISI	6895
60" FF	1283-1326
120" FSI	6895
FHH	7230
BHT	182°

Sampler had 600 cc mud @ 800 psi

[REDACTED]

JUN 20 1977

OIL CONSERVATION BOARD  
DOBBS, N. M.

WELL NAME AND NUMBER Maljamar State No. 1

LOCATION 1980/N & W Section 29, T16S, R33E, Lea County, New Mexico  
(New Mexico give U.S.T&R: Texas give S, BLK, SURV. and TWP)

OPERATOR Mesa Petroleum Co.

DRILLING CONTRACTOR MORANCO

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees and Depth</u>	<u>Degrees and Depth</u>	<u>Degrees and Depth</u>	<u>Degrees and Depth</u>
<u>1/4 471</u>	<u>1 5992</u>	<u>2 1/4 11,027</u>	<u>                    </u>
<u>3/4 975</u>	<u>1 1/4 6466</u>	<u>2 1/4 11,625</u>	<u>                    </u>
<u>1/2 1309</u>	<u>1 6969</u>	<u>1 1/4 12,162</u>	<u>                    </u>
<u>3/4 1990</u>	<u>1/2 7256</u>	<u>3/4 12,352</u>	<u>                    </u>
<u>1 1/2 2312</u>	<u>3/4 7777</u>	<u>1 1/4 12,856</u>	<u>                    </u>
<u>3/4 2635</u>	<u>3/4 8252</u>	<u>1/4 13,051</u>	<u>                    </u>
<u>3/4 3216</u>	<u>3 8657</u>	<u>1 13,671</u>	<u>                    </u>
<u>1/2 3742</u>	<u>3 1/2 9223</u>	<u>                    </u>	<u>                    </u>
<u>3/4 4246</u>	<u>3 1/2 9726</u>	<u>                    </u>	<u>                    </u>
<u>3/4 4562</u>	<u>3 1/4 10,104</u>	<u>                    </u>	<u>                    </u>
<u>1/4 4981</u>	<u>3 1/4 10,388</u>	<u>                    </u>	<u>                    </u>
<u>1 5487</u>	<u>2 1/2 10,724</u>	<u>                    </u>	<u>                    </u>

Drilling Contractor MORANCO

By Jerry Gilbert  
Jerry Gilbert, Drilling Engineer

Subscribed and sworn to before me this 27th day of June 19 77

My Commission expires:

April 1, 1978

Wayne L. Lanning  
Notary Public  
Lea County, New Mexico

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27 1977

OIL CONSERVATION COMM.  
HOBBS, N. M.