

5 OCD 1 DE 1 Dugan 1 Amoco, Fmn 1 File 1 NWPL
STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

Form C-105
Revised 10-1-78

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

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

1a. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ DRY ☐
b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. Unit Agreement Name
8. Farm or Lease Name
Lady Luck
9. Well No.
1

2. Name of Operator
JEROME P. McHUGH
3. Address of Operator
P O Box 809, Farmington, NM 87499

10. Field and Pool, or Willacat
Gavilan Mancos

4. Location of Well
UNIT LETTER A LOCATED 790 FEET FROM THE North LINE AND 790 FEET FROM
THE East LINE OF SEC. 5 TWP. 24N RGE. 2W

12. County
Rio Arriba

15. Date Spudded 11-2-85	16. Date T.D. Reached 11-16-85	17. Date Compl. (Ready to Prod.) 2-21-86*	18. Elevations (DF, RKB, RT, GR, etc.) 7102' GL; 7114' KB	19. Elev. Casingshead 7102' GL
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20. Total Depth 7968' KB	21. Plug Back T.D. 7922'	22. If Multiple Compl., How Many Mancos only. DK completion postponed.	23. Intervals Drilled By Rotary Tools TD	Cable Tools ---
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24. Producing Interval(s), of this completion - Top, Bottom, Name
6603-6868', Mancos
25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
Dual Ind., FD/Comp. Neutron, GR-CCL
27. Was Well Cored
No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36	256' KB	12-1/4"	159 cf class B w/ 2% CaCl ₂	---
5-1/2"	17 & 15.5	7968' KB	7-7/8"	2837 cf in st stages -	---
				See reverse.	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
None					2-7/8"	6890' KB	

31. Perforation Record (Interval, size and number) 6603, 19, 28, 31, 38, 46, 56, 58, 66, 78, 80, 82, 93; 6707, 09, 20, 23, 34, 48, 56, 64, 68, 97; 6804, 13, 16, 21, 23, 30, 35, 40, 47, 53, 62, 68. Total of 35 shots.				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
				DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
				6603-6868'	500 gal. 7 1/2% Hcl
					73,900 gal. 30% gel water
					89,000# 20/40 sand

33. PRODUCTION
Date First Production
2-21-86*
Production Method (Flowing, gas lift, pumping - Size and type pump)
Flowing
Well Status (Prod. or Shut-in)
SI
Date of Test
3-7-86
Hours Tested
3
Choke Size
3/4"
Prod'n. For Test Period
Oil - Bbl.
44
Gas - MCF
21
Water - Bbl.
2**
Gas - Oil Ratio
477
Flow Tubing Press.
170 psi
Casing Pressure
1160 psi SI
Calculated 24-Hour Rate
Oil - Bbl.
352 BOPD
Gas - MCF
168 MCFG/D
Water - Bbl.
16 BWPD **
Oil Gravity - API (Corr.)
42°

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
Vented during test; to be sold.
Test Witnessed By
M. Brasuel

35. List of Attachments
*Date of 1st new oil to tank during completion operations.
**Frac water only.

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 James S. Hazen James S. Hazen TITLE Field Supt. DATE 3/10/86

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on 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 _____ 2945	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland 3100/3163	T. Penn. "C" _____
E. Salt _____	T. Atoka _____	T. Pictured Cliffs _____ 3245	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____ *4940	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____ 5045	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____ 5440	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____ **5670	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____ 7560	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____ 7665	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. *Lewis 3298
T. Tubb _____	T. Granite _____	T. Todilto _____	T. **Niobrara "A" 6610
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. Niobrara "B" 6680
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. Niobrara "C" 6791
T. Wolfcamp _____	T. _____	T. Chinle _____	T. Sanostee 7155
T. Penn. _____	T. _____	T. Permian _____	T. Carlile 7292
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. T. of Greenhorn 7487

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 _____ to _____	feet. _____
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
			ITEM #28 - CEMENT				
			1st stage 556 cf: 380 sx 50/50 poz w/ 2% gel, 6 1/4#/sk gilsonite & 1/4#/sk flocele. 2nd stage 998 cf: 275 sx 65/35 poz w/ 12% gel & 1/4#/sk flocele + 200 sx 50/50 poz w/ 2% gel & 6 1/4#/sk gilsonite & 1/4#/sk flocele. 3rd stage 1283 cf: 450 sx 65/35 poz w/ 12% gel & 1/4#/sk flocele + 75 sx 50/50 poz w/ 2% gel, 6 1/4#/sk gilsonite & 1/4#/sk flocele.				