

5-OCC, 1-Comm. of Public Lands 1-Cunfield
1-TPO, 1-PA, 2-Texaco (DN, Farm), 1-LDH; 1-TCA
1-TCowan, 1-F

Form C-105
Revised 1-1-65

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OPERATOR	/

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

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
E-3150

1a. TYPE OF WELL				7. Unit Agreement Name							
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐				State Gas Unit "A"							
b. TYPE OF COMPLETION				8. Farm or Lease Name							
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐				9. Well No.							
2. Name of Operator				1							
3. Address of Operator				10. Field and Pool, or Wildcat							
234 Petr. Club Plaza, Farmington, N. M.				Basin Dakota							
4. Location of Well											
UNIT LETTER <u>N</u> LOCATED <u>1090</u> FEET FROM THE <u>South</u> LINE AND <u>1650</u> FEET FROM				12. County							
THE <u>West</u> LINE OF SEC. <u>36</u> TWP. <u>31N</u> RGE. <u>12W</u> NMPM				San Juan							
15. Date Spudded		16. Date T.D. Reached		17. Date Compl. (Ready to Prod.)		18. Elevations (DF, RKB, RT, GR, etc.)		19. Elev. Casinghead			
12-31-64		1-15-65		2-24-65		5910' GR					
20. Total Depth		21. xxxxxxx		22. If Multiple Compl., How Many		23. Intervals Drilled By		Rotary Tools Cable Tools			
6925'		OO - 6916'				→ 0-6925'					
24. Producing Interval(s), of this completion - Top, Bottom, Name								25. Was Directional Survey Made			
Dakota 6766-6830'								Yes			
26. Type Electric and Other Logs Run								27. Was Well Cored			
Induction electric & density log											
28. CASING RECORD (Report all strings set in well)											
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD			
8-5/8"		24#		310'		12-1/4"		175 sx			
4-1/2"		10.5 & 11.6#		6925'		7-7/8"		1st stage - 250 sx			
								2nd stage - 250 sx			
								3rd stage - 700 sx			
29. LINER RECORD										30. TUBING RECORD	
SIZE		TOP		BOTTOM		SACKS CEMENT		SCREEN		SIZE	
										2" EUE	
										6830'	
31. Perforation Record (Interval, size and number)										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
6766-76' w/4 JPF											
6848-49' w/4 JPF											
6830-50' w/2 JPF											
										DEPTH INTERVAL	
										6830-50	
										750 gal 15% mud acid, 50,000# sd,	
										56,600 gals total wtr	
										6766-76	
										20,000# sd, 29,000 gal total wtr.	
33. PRODUCTION											
Date First Production				Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)			
				Flowing				Shut-in			
Date of Test		Hours Tested		Choke Size		Prod'n. For Test Period		Oil - Bbl.		Gas - MCF	
3-9-65		3		3/4"		→				2,331	
Flow Tubing Press		Casing Pressure		Calculated 24-Hour Rate		Oil - Bbl.		Gas - MCF		Water - Bbl.	
SI 1952		SI 1952		→				2,487 AOF			
34. Disposition of Gas (Sold, used for fuel, vented, etc.)										Test Witnessed By	
Waiting on pipeline connection										G.L.Hoffman	
35. List of Attachments											
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.											
Original signed by:											
JOHN T. HAMPTON											
SIGNED				TITLE				DATE			
				Manager				3-10-65			

3-OCC, 2-Texaco (DN, Farm), 1-HLKendrick 1-TPO,
 1-PA, 1-BParrish, NEW MEXICO OIL CONSERVATION COMMISSION
 1-Canfield, 1-LDH, 1-TOMULTI-POINT BACK PRESSURE TEST FOR GAS WELL
 1-Comm. Public Land, 1-F, 1-TCowan

Form C-122

Revised 12-1-55

Pool Basin Dakota		Formation Dakota		County San Juan	
Initial X		Annual		Special	
Company Beta Development Co.		Lease State Gas Unit "A"		Date of Test 3-9-65	
Unit N		Sec. 36		Twp. 31N	
Casing 4-1/2"		Wt. 10.5		I.D. 4.052	
Tubing 2-3/8"		Wt. 4.7		I.D. 1.995	
Range 12W		Set at 6925'		Perf. 6766'	
Purchaser El Paso Natural Gas Co.		To 6850'		GL 4568	
Gas Pay:		From 6766'		To 6850'	
Producing Through:		Casing X		Tubing X	
Date of Completion 2-25-65		Packer		Reservoir Temp.	
Type Well - Single - Braden head - G.G. or G.O. Dual Single - Gas		Bar. Press. 12-0		GL 4568	

OBSERVED DATA

Tested Through:						Prover ☐		Choke ☒		Meter ☐		Type of Taps	
FLOW DATA						TUBING DATA		CASING DATA		DURATION OF FLOW HR.			
No.	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.				
1.		3/4"	187		78	1952		1962		7 days			
2.						187		556		3 hr			
3.													
4.													
5.													

FLOW CALCULATIONS

No.	Coefficient (24 Hour)	$\sqrt{h_w P_f}$	Pressure psia	Flow Temp. Factor F _t	Gravity Factor F _g	Compress. Factor F _{pv}	Rate of Flow Q-MCF P D @ 15,025 psia
1.	12.3650		199	.9831	.9463	1.018	2,331
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

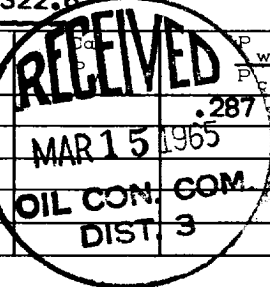
Gas Liquid Hydrocarbon Ratio _____ cf/bbl. Specific Gravity Separator Gas _____

Gravity of Liquid Hydrocarbons _____ deg. Specific Gravity Flowing Fluid _____

F_c _____ (1-e^{-S}) _____ P_c **1974** P_c **3896.7**

P_w **568** P_w **322.6**

No.	P _w P _t psia	P _t ²	F _c Q	(F _c Q) ²	(F _c Q) ² (1-e ^{-S})	P _w ²	P _c ² - P _w ²	P _w ²
1.						322.6	3574.1	.287
2.								
3.								
4.								
5.								



ABSOLUTE POTENTIAL: **2,487** MCFPD; n **.75**

COMPANY **Beta Development Co.** WITNESSED **H. McNally**

ADDRESS **234 Petr. Club Plaza, Farmington, N.M.** COMPANY **El Paso Natural Gas Co.**

AGENT AND TITLE **G.L. Hoffman, Prod. Engr.**