



# INSTRUCTIONS

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## 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 A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland 892	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs 1079	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

## OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....  
 No. 2, from.....to.....  
 No. 3, from.....to.....  
 No. 4, 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.....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
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Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources  Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 July 17, 2008  1. WELL API NO. <b>30-045-35013</b> 2. Type of Lease <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN 3. State Oil & Gas Lease No. <b>CA NMNM112517</b> <b>RCVD JAN 24'11</b> <div style="text-align: center;"><b>OIL CONS. DIV.</b> <b>DIST. 3</b></div>					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing:  <input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)  <input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)						5. Lease Name or Unit Agreement Name <b>Federal Com I</b> 6. Well Number:  <b>102S</b>				
7. Type of Completion: <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER										
8. Name of Operator <b>Dugan Production Corp.</b>						9. OGRID <b>006515</b>				
10. Address of Operator  <b>P. O. Box 420, Farmington, NM 87499-0420</b>						11. Pool name or Wildcat Harper Hill FR Sand-PC				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	I	12	29N	14W		2365	South	1220	East	San Juan
BH:										
13. Date Spudded 10/11/2010	14. Date T.D. Reached 10/18/2010	15. Date Rig Released <b>10/19/2010</b>		16. Date Completed (Ready to Produce) 01/07/2011		17. Elevations (DF and RKB, RT, GR, etc.) 5401' GL				
18. Total Measured Depth of Well 1260'		19. Plug Back Measured Depth <b>1222' 1219'</b>		20. Was Directional Survey Made? No		21. Type Electric and Other Logs Run GR-CCL-CNL				
22. Producing Interval(s), of this completion - Top, Bottom, Name Fruitland Coal 952-1074' Fruitland Sand 980-1064' Pictured Cliff Sand 1079-1084' DHC# 3500AZ										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
8-5/8" 24# J-55		24		127		12- 1/4"		164 cf		0
5-1/2" 15.5# J-55		15.5		1252		7- 7/8"		369 cf		0
24. LINER RECORD										
SIZE		TOP		BOTTOM		SACKS CEMENT		SCREEN		
25. TUBING RECORD										
SIZE		DEPTH SET		PACKER SET						
2 3/8		1142'		N/A						
4.7# per ft J-5										
26. Perforation record (interval, size, and number)						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
Fruitland Sand 980-984', 1002-1006', 1026-1030', 1044-1047', 1062-1064' Pictured Cliff Sand 1079-1084' 4-spf 0.38" ID 88 holes						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						980-1084		1300 gallons 15% HCL acid		
						980-1084		108,000 gallons GW plus 171,000 20/40 sand		
28. PRODUCTION										
Date First Production 01-07-2011		Production Method (Flowing, gas lift, pumping - Size and type pump) Flow				Well Status (Prod. or Shut-in) Shut in				
Date of Test 1/10/2010	Hours Tested 12	Choke Size 2"	Prod'n For Test Period	Oil - Bbl 0	Gas - MCF 50 mcf	Water - Bbl. 31 BW	Gas - Oil Ratio			
Flow Tubing Press. 0 psi	Casing Pressure 100 psi	Calculated 24- Hour Rate	Oil - Bbl. 0	Gas - MCF <b>100 29</b>	Water - Bbl. <b>62 BW 47</b>	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented - to be sold						30. Test Witnessed By				
31. List Attachments										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.										
33. If an on-site burial was used at the well, report the exact location of the on-site burial:										
NAD 1927 1983										
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										
Signature 		Printed Name John C Alexander Title Vice-President Date 01/21/2011								
E-mail Address johnalexander@duganproduction.com										

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