

Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 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 Revised June 10, 2003 WELL API NO. 30-045-31760 5. Indicate Type of Lease STATE ☒ FEE ☐ State Oil & Gas Lease No. LG-3045-1
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WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____ b. Type of Completion: NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. ☐ WELL OVER BACK RESVR. ☐ OTHER ☐	7. Lease Name or Unit Agreement Name Bi Knobs Com 8. Well No. 91S 9. Pool name or Wildcat Basin Fruitland Coal			
2. Name of Operator Dugan Production Corp.				
3. Address of Operator P. O. Box 420, Farmington, NM 87499-0420 (505)325-1821				
4. Well Location Unit Letter <u>E</u> : <u>2180</u> Feet From the <u>North</u> Line and <u>660</u> Feet From the <u>West</u> Line Section <u>32</u> Township <u>30N</u> Range <u>14W</u> NMPM San Juan County				
10. Date Spudded 7-22-03	11. Date T.D. Reached 7-25-03	12. Date Compl. (Ready to Prod.) 8-21-03	13. Elevations (DF& RKB, RT, GR, etc.) 5391'	14. Elev. Casinghead
15. Total Depth 985'	16. Plug Back T.D. 938'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By	Rotary Tools TD
19. Producing Interval(s), of this completion - Top, Bottom, Name 706'-816' (Fruitland Coal)				20. Was Directional Survey Made no
21. Type Electric and Other Logs Run GR-CCL-CNL				22. Was Well Cored no

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"	23#	130'	12-1/4"	80 sx Class "B" neat w/2% CaCl ₂	& 1/4# floccle/sx.
5-1/2"	15.5#	976'	7"	40 sx 3% Econolite w/3# Gilsomite	& 2% CaCl ₂ followed by 50 sx Class
				B neat w/3#/sx Gilsomite.	Total 177.8 cu ft.

24. LINER RECORD <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SIZE</th> <th>TOP</th> <th>BOTTOM</th> <th>SACKS CEMENT</th> <th>SCREEN</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN											25. TUBING RECORD <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SIZE</th> <th>DEPTH SET</th> <th>PACKER SET</th> </tr> </thead> <tbody> <tr> <td>2-7/8"</td> <td>830'</td> <td>NA</td> </tr> </tbody> </table>	SIZE	DEPTH SET	PACKER SET	2-7/8"	830'	NA
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26. Perforation record (interval, size, and number) 706'-16'; 750'-54'; 802'-16' w/4 spf (total 108 holes)	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> </thead> <tbody> <tr> <td>706'-816'</td> <td>400 gals 10% Formic acid; 75,000# 20/40 Brady Sand;</td> </tr> <tr> <td></td> <td>25,000# 20/40 resin; 43,400 gals AmBor Max 10-20 gel</td> </tr> </tbody> </table>	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	706'-816'	400 gals 10% Formic acid; 75,000# 20/40 Brady Sand;		25,000# 20/40 resin; 43,400 gals AmBor Max 10-20 gel
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28. PRODUCTION

Date First Production NA		Production Method (Flowing, gas lift, pumping - Size and type pump) Swab - will be pumped		Well Status (Prod. or Shut-in)	
Date of Test 8/22/03	Hours Tested 24	Choke Size 2"	Prod'n For Test Period	Oil - Bbl 0	Gas - MCF 50 (est)
Flow Tubing Press. 2	Casing Pressure 80	Calculated 24-Hour Rate	Oil - Bbl. 0	Gas - MCF 100 (est)	Water - Bbl. 130
			Oil Gravity - API - (Corr.)		

29. Disposition of Gas (Sold, used for fuel, vented, etc.) vented - to be sold	Test Witnessed By
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30. List Attachments

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature	 Printed Name John C. Alexander	Title Vice-President	Date 8/28/03
E-mail Address johncalexander@duganproduction.com			

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 25 through 29 shall be reported for each zone. The form is to be filed in triplicate 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	T. Strawn	T. Kirtland surface	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs 820'	T. Penn. "D"
T. Yates	T. Miss	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	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T. Fruitland 370'
T. Blinbry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Springs	T. Entrada	T.
T. Abo	T.	T. Wingate	T.
T. Wolfcamp	T.	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

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

Post-It® Fax Note		7671	Date	9/4/03	# of pages	1
To	Donette		From	Joa. Jaid		
Co./Dept.	NMDCD		Co.	Oregon Prod.		
Phone #	334-6178		Phone #	325-1821		
Fax #	334-6170		Fax #			

Post-It® Fax Note	7671	Date	9/4/03	# of pages	1
To	Adrethia	From	Jay Jay		
Co./Dept.	NMOCED	Co.	Organ Prod.		
Phone #	324-6178	Phone #	325-1821		
Fax #	324-6170	Fax #			