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Form 3160-5  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

Farmington Field Office  
Bureau of Land Management

NMSF078543

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit of CA/Agreement, Name and/or No.
2. Name of Operator <b>Hilcorp Energy Company</b>		8. Well Name and No. <b>SAN JUAN 32-7 UNIT 62</b>
3a. Address <b>382 Road 3100, Aztec, NM 87410</b>	3b. Phone No. (include area code) <b>505-599-3400</b>	9. API Well No. <b>30-045-24390</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>Surface Unit M (SWSW) 970' FSL &amp; 805' FWL, Sec. 27, T32N, R07W</b>		10. Field and Pool or Exploratory Area <b>BASIN DAKOTA</b>
		11. Country or Parish, State <b>San Juan, New Mexico</b>

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once Testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Hilcorp Energy Company requests permission to recomplete the subject well in the Blanco Mesaverde Fomation and downhole commingle with the existing Dakota formation. Please see the attached procedure, wellbore diagram, gas capture plan and plat. A closed loop system will be used. Interim reclamation will be performed after surface disturbing activities.

**SUBMIT CBL TO THE  
AGENCIES FOR REVIEW AND  
NMOCD APPROVAL**

BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER PERMITS OR REGULATIONS REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS

FEB 01 2019  
DISTRICT III

HOLD C104 FOR DHC

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) <b>Amanda Walker</b>		Title <b>Operations/Regulatory Technician - Sr.</b>
Signature 		Date <b>1/11/2019</b>

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by 	Title <b>PE</b>	Date <b>1/31/19</b>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office <b>HFO</b>	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instruction on page 2)

NMOCD

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HILCORP ENERGY COMPANY  
SAN JUAN 32-7 UNIT 62  
MESA VERDE RECOMPLETION SUNDRY

JOB PROCEDURES

1. MIRU service rig and associated equipment; test BOP.
2. TOOH with 2 3/8" tubing set at 8,138'.
3. TIH with RBP and set at ~7000'. Load hole and run CBL to verify TOC. (TOC at 4100' per temp survey 01/05/1981).
4. If necessary based on CBL, perforate 4-1/2" casing above existing TOC and squeeze cement into annulus of 7" casing to provide at least 500' cement cover over top perforation (minimum TOC @ 5100').
5. If a squeeze was required, run another CBL to confirm new TOC (unless cement returns to surface are realized).
6. Set a 4-1/2" cast iron bridge plug at +/- 6850' to isolate the Dakota.
7. RIH with 2-7/8" frac string and packer, land upper plug at +/- 5550'.
8. Load the hole through the frac string and pressure test the casing recomplete interval (5598' - 6342') to 4000 psi.
9. N/D BOP, N/U frac stack and test frac stack to frac pressure.
10. Perforate and frac the Mesa Verde in a single stage with diversion to maximize effect. (Top Perforation @ 5598'; Bottom Perforation @ 6,342').
11. Nipple down frac stack, nipple up BOP and test.
12. TOOH with frac string and packer.
13. Clean out to Dakota isolation plug and, when water and sand rates are acceptable, flow test the Mesa Verde.
14. Drill out Dakota isolation plug and cleanout to PBTD of 8,211'. TOOH.
15. TIH and land production tubing. Get a commingled Dakota/Mesa Verde flow rate.
- 16.
- 17.



**HILCORP ENERGY COMPANY  
SAN JUAN 32-7 UNIT 62  
MESA VERDE RECOMPLETION SUNDRY**

**SAN JUAN 32-7 UNIT 62 - CURRENT WELLBORE SCHEMATIC**

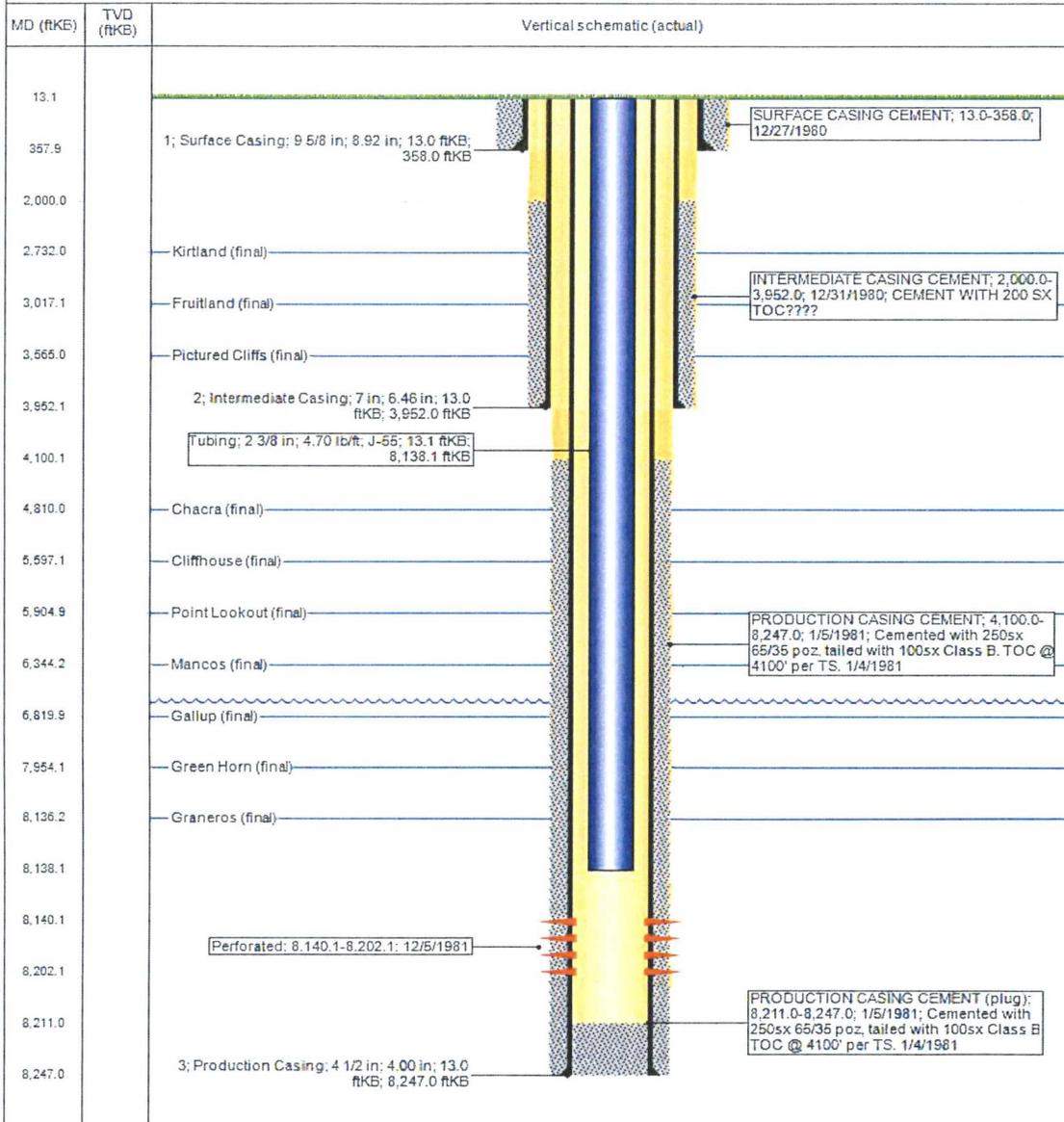


**Current Schematic**

**Well Name: SAN JUAN 32-7 UNIT #62**

API / LWN 3004524390	Surface Legal Location 027-032N-007W-M	Field Name DK	Route 0505	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,676.00	Original KB RT Elevation (ft) 6,688.00	KB-Ground Distance (ft) 13.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

Vertical, Original Hole, 12/27/2018 10:03:12 AM



**District I**

1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**

811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**

1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**

1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico  
Energy, Minerals and Natural  
Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505**

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-045-24390	2. Pool Code 72319	3. Pool Name BLANCO-MESAVERDE (PRORATED GAS)
4. Property Code 318434	5. Property Name SAN JUAN 32 7 UNIT	6. Well No. 062
7. OGRID No. 372171	8. Operator Name HILCORP ENERGY COMPANY	9. Elevation 6675

**10. Surface Location**

UL - Lot M	Section 27	Township 32N	Range 07W	Lot Idn 7	Feet From 970	N/S Line S	Feet From 805	E/W Line W	County SAN JUAN
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**11. Bottom Hole Location If Different From Surface**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 305.10	13. Joint or Infill			14. Consolidation Code			15. Order No.		

**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

	<p><b>OPERATOR CERTIFICATION</b></p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p>E-Signed By: <i>Amanda Walker</i> Title: Operations / Regulatory Tech Sr. Date: 1/11/2019</p>
	<p><b>SURVEYOR CERTIFICATION</b></p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <p>Surveyed By: Fred B. Kerr Jr. Date of Survey: 2/25/1980 Certificate Number: 3950</p>