

Form 3160-5
(June 2019)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021**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.

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☐ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

3a. Address

3b. Phone No. (include area code)

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.

9. API Well No.

10. Field and Pool or Exploratory Area

11. Country or Parish, State

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

TYPE OF SUBMISSION	TYPE OF ACTION				
<input 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"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input 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"/> Final Abandonment Notice	<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 recompleat 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 recompleat 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 detennined that the site is ready for final inspection.)

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Title

Signature

Date

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

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.

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Additional Remarks

- b. Pump 1,605 sacks of 14.8 ppg Class-C cement, stop cementing when cement reaches surface.
 - c. If no cement to surface, WOC 8 hours. RIH to tag top of cement.
 - d. Confirm TOC and pump 1,290 sacks of 13.5 ppg Class-C cement until cement circulates to surface.
 - e. Confirm cement to surface with BLM Representative present.
 - f. RD cementers and auxiliary equipment.
 - 4. Cut casing off 3 below ground level or at the base of the cellar (whichever is deeper), verify cement to surface, cover wellbore with metal plate greater than or equal to thick and cut weep hole.
- **PICTURES MUST BE TAKEN TO DOCUMENT (Send to engineer over job)****

Also, we will need to change the well number to 604Y.

Location of Well

0. SHL: SWSE / 245 FSL / 1743 FEL / TWSP: 20S / RANGE: 33E / SECTION: 33 / LAT: 32.52302 / LONG: -103.665319 (TVD: 0 feet, MD: 0 feet)
PPP: SWSE / 100 FSL / 2310 FEL / TWSP: 20S / RANGE: 33E / SECTION: 33 / LAT: 32.522622 / LONG: -103.667159 (TVD: 11240 feet, MD: 11354 feet)
PPP: SWSE / 0 FSL / 2310 FEL / TWSP: 20S / RANGE: 33E / SECTION: 28 / LAT: 32.53686 / LONG: -103.667165 (TVD: 11398 feet, MD: 16574 feet)
PPP: NWSE / 1320 FSL / 2311 FEL / TWSP: 20S / RANGE: 33E / SECTION: 28 / LAT: 32.540488 / LONG: -103.667166 (TVD: 11399 feet, MD: 17895 feet)
PPP: SWNE / 2640 FNL / 2311 FEL / TWSP: 20S / RANGE: 33E / SECTION: 28 / LAT: 32.544117 / LONG: -103.667168 (TVD: 11400 feet, MD: 19215 feet)
PPP: NWNE / 1320 FNL / 2310 FEL / TWSP: 20S / RANGE: 33E / SECTION: 28 / LAT: 32.547744 / LONG: -103.66717 (TVD: 11400 feet, MD: 20535 feet)
BHL: NWNE / 50 FNL / 2310 FEL / TWSP: 20S / RANGE: 33E / SECTION: 28 / LAT: 32.551234 / LONG: -103.66717 (TVD: 11401 feet, MD: 21804 feet)

P&A Procedure Cementing

During normal drilling operations on this well the drilling BHA parted leaving 43' of fish in the hole. After unsuccessful attempts to recover the fish, we plan to plug and abandon this original uncompleted wellbore, as follows:

P&A Cement Plug

1. Rig up and RIH open ended. Pick up ~10 Jts (~435') of 5" drill pipe and TIH to 392'.
2. Rig up Halliburton cementers.
3. Break circulation and pump cement plug:
 - a. 20 bbls of 10 ppg Gel Spacer
 - b. Pump 1,605 sacks of 14.8 ppg Class-C cement, stop cementing when cement reaches surface.
 - c. If no cement to surface, WOC 8 hours. RIH to tag top of cement.
 - d. Confirm TOC and pump 1,290 sacks of 13.5 ppg Class-C cement until cement circulates to surface.
 - e. Confirm cement to surface with BLM Representative present.
 - f. RD cementers and auxiliary equipment.
4. Cut casing off 3' below ground level or at the base of the cellar (whichever is deeper), verify cement to surface, cover wellbore with metal plate greater than or equal to ¼" thick and cut weep hole.

****PICTURES MUST BE TAKEN TO DOCUMENT (Send to engineer over job)****

6. Below Ground Level Cap (Lesser Prairie-Chicken Habitat): All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). **The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10th day, the BLM is to be contacted with justification to receive an extension for completing the cut off.** Upon the plugging and subsequent abandonment of wells that are located in lesser prairie-chicken habitat, the casings shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be covered with a metal plate at least ¼ inch thick and welded in place. A weep hole shall be left in the plate and/or casing.


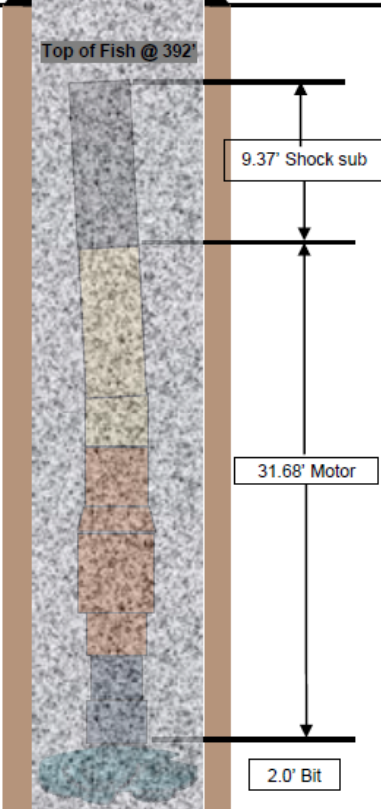
NMOCD also requires the operator to notify NMOCD when this type of dry hole marker is used. This can be done on the subsequent report of abandonment which is submitted to the BLM after the well is plugged. State that a below ground cap was installed as required in the COA's from the BLM.

WELLBORE SCHEMATIC

Well Name: Gavilon Fed Com #604H Prospect: 3 rd Bone Spring AFE # 500002.675.01.001 API # 30-025-47861					
NAD 27 Coordinates: Lat: 32.522900 N Long: 103.664826 W		GL Elevation: 3673 ft RKB Elevation: 3701.5 ft (Patterson) 3683 ft (Integrity)		Surface Hole Location: 245' FSL & 1743' FEL Section 33, 20S, 33E Lea County, NM	
				Bottom Hole Location: 50 ft FNL & 2310 ft FEL Section 28, 20S, 33E Lea County, NM	
	Casing Diagram	Depth (MD)	Hole Size	Casing Details	Logs/Notes
Previously set conductor		148'		30" Conductor Integrity Depth: 130'	148' depth based off 28.5' KB.
Formation Tops (TVD @ 0' VS)	<p>Top of Fish @ 392'</p> <p>9.37' Shock sub</p> <p>31.68' Motor</p> <p>2.0' Bit</p>	435'	26"	<p>Operational Details:</p> <ul style="list-style-type: none"> Decision to TOOH was made due to low ROP while drilling 26" hole at 435'. TOOH and found 8" shock sub sheared at the service connection below the mandrel, leaving the motor and the bit in the hole. Decision made to RIH with 26" wiper assembly to TOF, estimated to be at 392'. TOOH and PU Overshot and Cut Lip Guide. RIH with fishing tools and attempt to retrieve fish. Tag high at 248', TOOH and make second wiper trip with 26" bit, tag top of fish at 392'. TOOH and LD 26" bit, PU Overshot and Cut Lip Guide. RIH and attempt to retrieve fish, unable to engage fish. TOOH and inspect fishing tools, found scars and indication of overshot going around the fish. PU bent joint, RIH with Overshot, attempt to engage fish without success. <p>Run Details:</p> <ul style="list-style-type: none"> 26" Ulterra, U616S, S/N: 60488 9-5/8" Sniper Motor 5/6 Lobe, 5.0 Stage, Adj. @ 1.83deg Depth In / Out: 0' / 435' Total Hours on Motor: 45 hours Total Hours on Shock Sub: 135 hours 	

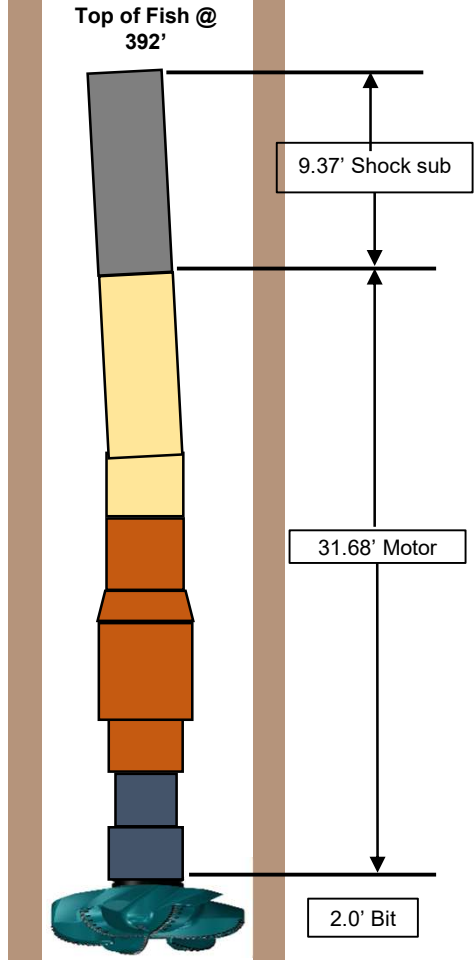
Prepared By: JAM - 4/14/2022

P&A WELLBORE SCHEMATIC

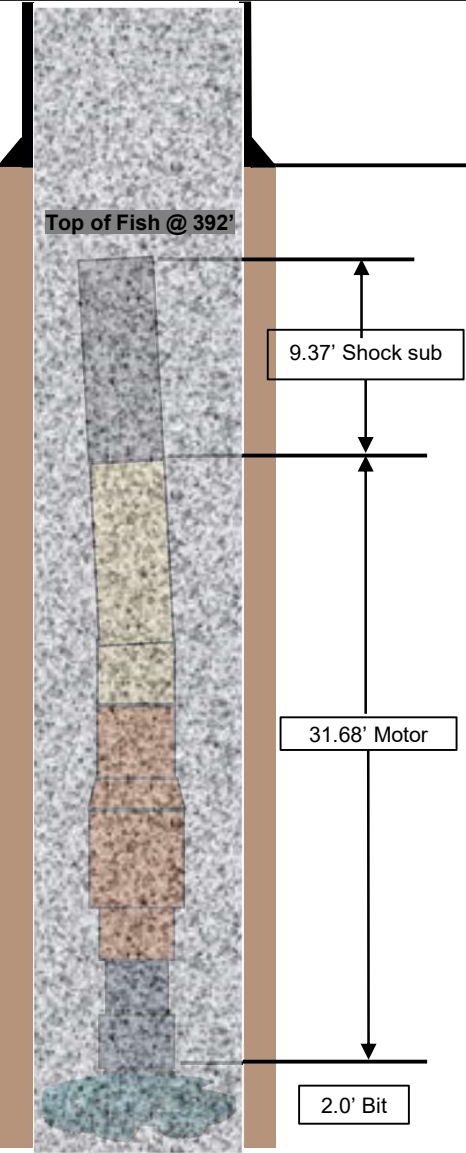
Well Name: Gavilon Fed Com #604Y Prospect: 3 rd Bone Spring AFE # 500002.675.01.001 API # 30-025-47861					
NAD 27 Coordinates: Lat: 32.522900 N Long: 103.664826 W		GL Elevation: 3673 ft RKB Elevation: 3701.5 ft (Patterson) 3683 ft (Integrity)		Surface Hole Location: 245' FSL & 1743' FEL Section 33, 20S, 33E Lea County, NM	
				Bottom Hole Location: 50 ft FNL & 2310 ft FEL Section 28, 20S, 33E Lea County, NM	
	Casing Diagram	Depth (MD)	Hole Size	Casing Details	Logs/Notes
Previously set conductor		148'		30" Conductor Integrity Depth: 130'	148' depth based off 28.5' KB.
Formation Tops (TVD @ 0' VS)		435'	26"	<p>Operational Details:</p> <ul style="list-style-type: none"> Decision to TOOH was made due to low ROP while drilling 26" hole at 435'. TOOH and found 8" shock sub sheared at the service connection below the mandrel, leaving the motor and the bit in the hole. Decision made to RIH with 26" wiper assembly to TOF, estimated to be at 392'. TOOH and PU Overshot and Cut Lip Guide. RIH with fishing tools and attempt to retrieve fish. Tag high at 248', TOOH and make second wiper trip with 26" bit, tag top of fish at 392'. TOOH and LD 26" bit, PU Overshot and Cut Lip Guide. RIH and attempt to retrieve fish, unable to engage fish. TOOH and inspect fishing tools, found scars and indication of overshot going around the fish. PU bent joint, RIH with Overshot, attempt to engage fish without success. <p>Fish Details:</p> <ul style="list-style-type: none"> 26" Ulterra, U616S, S/N: 60488 9-5/8" Sniper Motor 5/6 Lobe, 5.0 Stage, Adj. @ 1.83deg 8" Shock Sub Total Fish Length: 43' Total Hours on Motor: 45 hours Total Hours on Shock Sub: 135 hours <p>P&A Details:</p> <ul style="list-style-type: none"> RIH open ended to 340'. Pump 1,605 sacks Class C Cement WOC for 8 hours, tag TOC at 238' Pump 1,290 sacks Class C Cement Circulate cement to surface Cut conductor to base of cellar and weld 1/2" plate on top of conductor with well details marker. 	

Prepared By: JAM - 4/18/2022

WELLBORE SCHEMATIC

Well Name: Gavilon Fed Com #604H		Prospect: 3 rd Bone Spring		AFE # 500002.675.01.001		API # 30-025-47861	
NAD 27 Coordinates: Lat: 32.522900 N Long: 103.664826 W		GL Elevation: 3673 ft RKB Elevation: 3701.5 ft (Patterson) 3683 ft (Integrity)		Surface Hole Location: 245' FSL & 1743' FEL Section 33, 20S, 33E Lea County, NM		Bottom Hole Location: 50 ft FNL & 2310 ft FEL Section 28, 20S, 33E Lea County, NM	
	Casing Diagram	Depth (MD)	Hole Size	Casing Details		Logs/Notes	
Previously set conductor		148'		30" Conductor		148' depth based off 28.5' KB.	
Formation Tops (TVD @ 0' VS)	 <p>Top of Fish @ 392'</p> <p>9.37' Shock sub</p> <p>31.68' Motor</p> <p>2.0' Bit</p> <p>435'</p>		26"	Operational Details: <ul style="list-style-type: none"> Decision to TOOH was made due to low ROP while drilling 26" hole at 435'. TOOH and found 8" shock sub sheared at the service connection below the mandrel, leaving the motor and the bit in the hole. Decision made to RIH with 26" wiper assembly to TOF, estimated to be at 392'. TOOH and PU Overshot and Cut Lip Guide. RIH with fishing tools and attempt to retrieve fish. Tag high at 248', TOOH and make second wiper trip with 26" bit, tag top of fish at 392'. TOOH and LD 26" bit, PU Overshot and Cut Lip Guide. RIH and attempt to retrieve fish, unable to engage fish. TOOH and inspect fishing tools, found scars and indication of overshot going around the fish. PU bent joint, RIH with Overshot, attempt to engage fish without success. Run Details: <ul style="list-style-type: none"> 26" Ulterra, U616S, S/N: 60488 9-5/8" Sniper Motor 5/6 Lobe, 5.0 Stage, Adj. @ 1.83deg Depth In / Out: 0' / 435' Total Hours on Motor: 45 hours Total Hours on Shock Sub: 135 hours 			

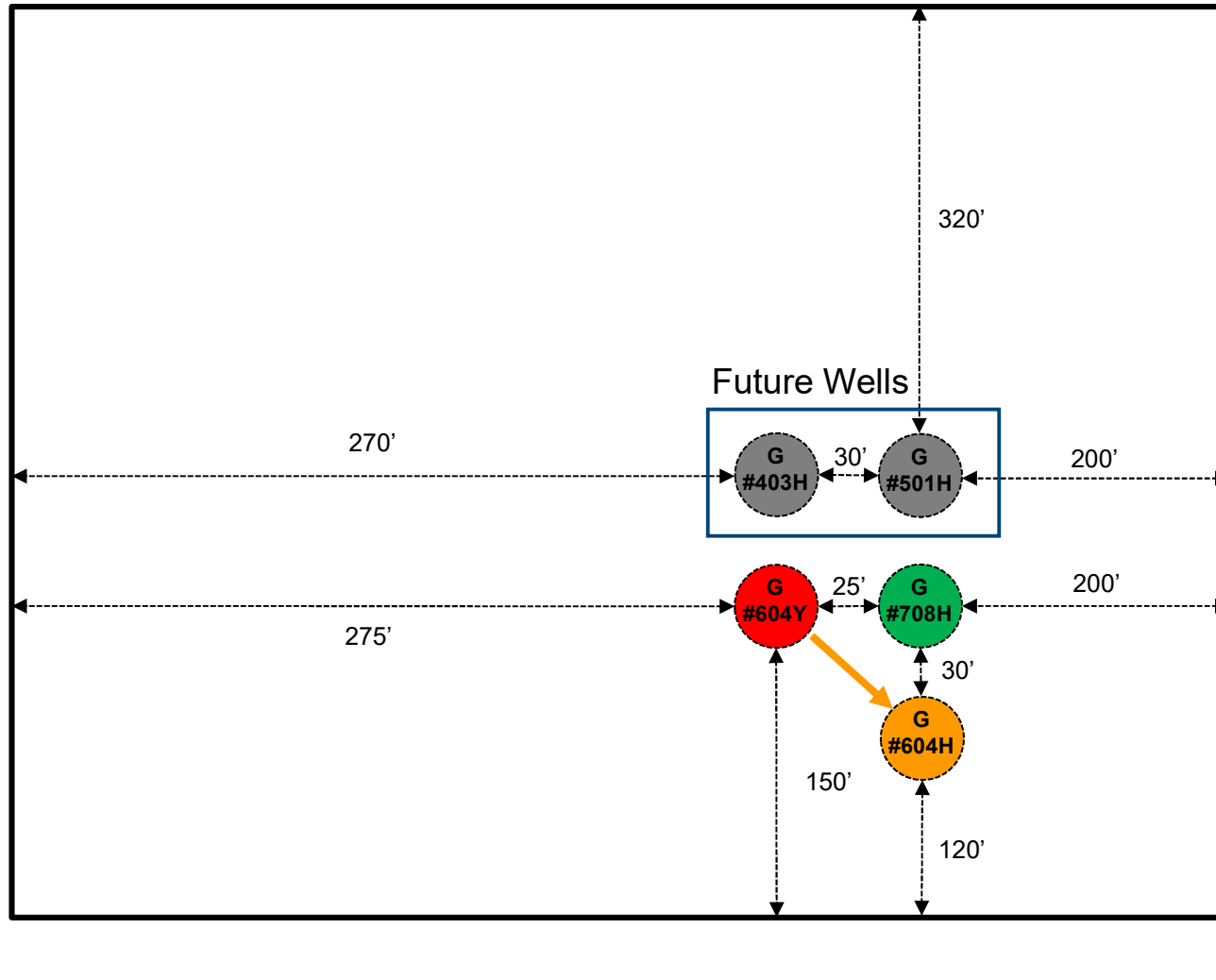
P&A WELLBORE SCHEMATIC

Well Name: Gavilon Fed Com #604Y		Prospect: 3 rd Bone Spring		AFE # 500002.675.01.001		API # 30-025-47861	
NAD 27 Coordinates: Lat: 32.522900 N Long: 103.664826 W		GL Elevation: 3673 ft RKB Elevation: 3701.5 ft (Patterson) 3683 ft (Integrity)		Surface Hole Location: 245' FSL & 1743' FEL Section 33, 20S, 33E Lea County, NM		Bottom Hole Location: 50 ft FNL & 2310 ft FEL Section 28, 20S, 33E Lea County, NM	
	Casing Diagram	Depth (MD)	Hole Size	Casing Details		Logs/Notes	
Previously set conductor		148'		30" Conductor		148' depth based off 28.5' KB.	
Formation Tops (TVD @ 0' VS)		435'	26"	<div>Integrity Depth: 130'</div> Operational Details: <ul style="list-style-type: none">Decision to TOOH was made due to low ROP while drilling 26" hole at 435'.TOOH and found 8" shock sub sheared at the service connection below the mandrel, leaving the motor and the bit in the hole.Decision made to RIH with 26" wiper assembly to TOF, estimated to be at 392'. TOOH and PU Overshot and Cut Lip Guide. RIH with fishing tools and attempt to retrieve fish.Tag high at 248', TOOH and make second wiper trip with 26" bit, tag top of fish at 392'.TOOH and LD 26" bit, PU Overshot and Cut Lip Guide. RIH and attempt to retrieve fish, unable to engage fish.TOOH and inspect fishing tools, found scars and indication of overshot going around the fish.PU bent joint, RIH with Overshot, attempt to engage fish without success. Fish Details: <ul style="list-style-type: none">26" Ulterra, U616S, S/N: 604889-5/8" Sniper Motor 5/6 Lobe, 5.0 Stage, Adj. @ 1.83deg8" Shock SubTotal Fish Length: 43'Total Hours on Motor: 45 hoursTotal Hours on Shock Sub: 135 hours P&A Details: <ul style="list-style-type: none">RIH open ended to 340'.Pump 1,605 sacks Class C CementWOC for 8 hours, tag TOC at 238'Pump 1,290 sacks Class C CementCirculate cement to surfaceCut conductor to base of cellar and weld ½" plate on top of conductor with well details marker.			

Prepared By: JAM – 4/18/2022

Gavilon Fed Com Slot 3 Pad Layout (New Gav #604H SHL)

(New Pad)



1. Existing Gavilon Fed Com #604H to be P&A and renamed Gavilon Fed Com #604Y.
- ↓
2. New Cellar and Conductor to be set 30' to the East of the existing SHL. Well will be Named Gavilon Fed Com #604H.

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

COMMENTS

Action 101158

COMMENTS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 101158
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM	6/24/2022

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

CONDITIONS

Action 101158

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 101158
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kfortner	Like approval from BLM	6/24/2022