State of New Mexico
Energy, Minerals and Natural Resources Department

New Mexico Oil Conservation Division approval and conditions listed below are made in accordance with OCD Rule 19.15.7.11 and are in addition to the actions approved by BLM on the following 3160-4 or 3160-5 form.

Operator Signature Date: 9/5/2019
Well information:

30-045-24842 PAN AMERICAN FEDERAL GAS COM B #001E
HILCORP ENERGY COMPANY

Application Type:

☒ P&A ☐ Drilling/Casing Change ☐ Location Change

☐ Recomplete/DHC (For hydraulic fracturing operations review EPA Underground injection control Guidance #84; Submit Gas Capture Plan form prior to spudding or initiating recompletion operations)

☐ Other:

Conditions of Approval:

- Notify NMOCD 24hrs prior to beginning operations.

In addition to BLM COAs, ensure the following tops are covered:

- 5,705'-5,605'. OCD Gallup pick @ 5,655'
- 3,780'-3,680'. OCD Mesaverde pick @ 3,730'
- 2,800'-2,700'. OCD Chacra pick @ 2,750'
- 1,870'-1,770'. OCD Fruitland pick @ 1,820'.
- 810'-585'. OCD Kirtland pick @ 760'. Ojo Alamo pick @ 635'.

NMOCD Approved by Signature

11/25/19
Date

1220 South St. Francis Drive • Santa Fe, New Mexico 87505
Phone (505) 476-3460 • Fax (505) 476-3462 • www.emnrd.state.nm.us/ocd

11

Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

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

5. Lease Serial No.
NMSF078144

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
SW45

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
PAN AMERICAN FEDERAL GAS COM B 1E

2. Name of Operator
HILCORP ENERGY COMPANY
Contact: CHERYLENE WESTON
E-Mail: cweston@hilcorp.com

9. API Well No.
30-045-24842-00-S1

3a. Address
1111 TRAVIS STREET
HOUSTON, TX 77002

3b. Phone No. (include area code)
Ph: 505-564-0779

10. Field and Pool or Exploratory Area
AZTEC PICTURED CLIFFS
BASIN DAKOTA

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 31 T30N R11W SWNE 1710FNL 1660FEL
36.771286 N Lat, 108.027954 W Lon

11. County or Parish, State
SAN JUAN COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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.

Please see attached.

NMOCD

NOV 14 2019

DISTRICT III

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #482032 verified by the BLM Well Information System
For HILCORP ENERGY COMPANY, sent to the Farmington
Committed to AFMSS for processing by ALBERTA WETHINGTON on 09/09/2019 (19AMW0592SE)

Name *(Printed/Typed)* CHERYLENE WESTON — Title OPERATIONS/REGULATORY TECH SR.

Signature (Electronic Submission) — Date 09/05/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By JOE KILLINS — Title ENGINEER — Date 11/12/2019

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 Farmington

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)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
6251 COLLEGE BLVD.
FARMINGTON, NEW MEXICO 87402

Attachment to Notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: Pan Am Federal B #1E

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."

2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.

3. Run and submit electronic copy of a CBL for verification to the following addresses: jkillins@blm.gov , jhoffman@blm.gov and Brandon.Powell@state.nm.us . Based on CBL results inside/outside plugs and volumes will be adjusted accordingly. Please review the General Requirements document to ensure volumes meet required excess inside and outside casing.

4. BLM pick top of Chacra: 3190 ft. Add plug or modify Plug #5 to cover 3140-3240 ft.

5. BLM pick top Mancos: 4794 ft. Add a plug or modify Plug #3 to cover 4744 – 4844 ft.

GENERAL REQUIREMENTS FOR PERMANENT ABANDONMENT OF WELLS ON FEDERAL AND INDIAN LEASES FARMINGTON FIELD OFFICE

1.0 The approved plugging plans may contain variances from the following minimum general requirements.

1.1 Modification of the approved plugging procedure is allowed only with the prior approval of the Authorized Officer, Farmington Field Office.

1.2 Requirements may be added to address specific well conditions.

2.0 Materials used must be accurately measured. (densometer/scales)

3.0 A tank or lined pit must be used for containment of any fluids from the wellbore during plugging operations and all pits are to be fenced with woven wire. These pits will be fenced on three sides and once the rig leaves location, the fourth side will be fenced.

3.1 Pits are not to be used for disposal of any hydrocarbons. If hydrocarbons are present in the pit, the fluids must be removed prior to filling in.

4.0 All cement plugs are to be placed through a work string. Cement may be bull-headed down the casing with prior approval. Cement caps on top of bridge plugs or cement retainers may be placed by dump bailer.

4.1 The cement shall be as specified in the approved plugging plan.

4.2 All cement plugs placed inside casing shall have sufficient volume to fill a minimum of 100' of the casing, or annular void(s) between casings, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.

4.3 Surface plugs may be no less than 50' in length.

4.4 All cement plugs placed to fill annular void(s) between casing and the formation shall be of sufficient volume to fill a minimum of 100' of the annular space plus 100% excess, calculated using the bit size, or 100' of annular capacity, determined from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.

4.5 All cement plugs placed to fill an open hole shall be of sufficient volume to fill a minimum of 100' of hole, as calculated from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug. In the absence of a caliper log, an excess of 100% shall be required.

4.6 **A cement bond log or other accepted cement evaluation tool is required to be run if one had not been previously ran or cement did not circulate to surface during the original casing cementing job or subsequent cementing jobs.**

5.0 All cement plugs spotted across, or above, any exposed zone(s), when; the wellbore is not full of fluid or the fluid level will not remain static, and in the case of lost circulation or partial returns during cement placement, shall be tested by tagging with the work string.

5.1 The top of any cement plug verified by tagging must be at or above the depth specified in the approved plan, without regard to any excess.

5.2 Testing will not be required for any cement plug that is mechanically contained by use of a bridge plug and/or cement retainer, if casing integrity has been established.

5.3 Any cement plug which is the only isolating medium, for a fresh water interval or a zone containing a prospectively valuable deposit of minerals, shall be tested by tagging.

5.4 If perforations are required below the surface casing shoe, a 30 minute minimum wait time will be required to determine if gas and/or water flows are present. If flow is present, the well will be shut-in for a minimum of one hour and the pressure recorded. Short or long term venting may be necessary to evacuate trapped gas. If only a water flow occurs with no associated gas, shut well in and record the pressures. Contact the Engineer as it may be necessary to change the cement weight and additives.

6.0 Before setting any cement plugs the hole needs to be rolled. All wells are to be controlled by means of a fluid that is to be of a weight and consistency necessary to stabilize the wellbore. This fluid shall be left in place as filler between all plugs.

6.1 Drilling mud may be used as the wellbore fluid in open hole plugging operations.

6.2 The wellbore fluid used in cased holes shall be of sufficient weight to balance known pore pressures in all exposed formations.

7.0 A blowout preventer and related equipment (BOPE) shall be installed and tested prior to working in a wellbore with any exposed zone(s); (1) that are over pressured, (2) where the pressures are unknown, or (3) known to contain H_2S.

8.0 Within 30 days after plugging work is completed, file a Sundry Notice, Subsequent Report of Abandonment (Form 3160-5), five copies, with the Field Manager, Bureau of Land Management, 6251 College Blvd., Suite A, Farmington, NM 87402. The report should show the manner in which the plugging work was carried out, the extent, by depth(s), of cement plugs placed, and the size and location, by depth(s), of casing left in the well. Show date well was plugged.

9.0 All permanently abandoned wells are to be marked with a permanent monument as specified in 43 CFR 3162.6(d). Unless otherwise approved.

10.0 If this well is located in a Specially Designated Area (SDA), compliance with the appropriate seasonal closure requirements will be necessary.

All of the above are minimum requirements. Failure to comply with the above conditions of approval may result in an assessment for noncompliance and/or a Shut-in Order being issued pursuant to 43 CFR 3163.1. You are further advised that any instructions, orders or decisions issued by the Bureau of Land Management are subject to administrative review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.

BLM FLUID MINERALS
Geologic Report

Date Completed: 11/7/2019

Well No.	Pan American Federal Gas COM B #1E		Location	1710 FNL	&	1660 FEL	
Lease No.	NMSF078144		Sec. 31	T30N		R11W	
Operator	Hilcorp Energy Company		County	San Juan	State	New Mexico	
Total Depth	6700	PBTD 6680	Formation	Dakota			
Elevation (GL)	5837		Elevation (KB)	5850			

Geologic Formations	Est. Top	Est. Bottom	Log Top	Log Bottom	Remarks
San Jose Fm					Surface/Fresh water sands
Nacimiento Fm			Surface	732	Fresh water sands
Ojo Alamo Ss			732	800	Aquifer (fresh water)
Kirtland Shale			800	1520	
Fruitland Fm			1520	2061	Coal/Gas/Possible water
Pictured Cliffs Ss			2061	2116	Gas
Lewis Shale			2116	3190	
Chacra			3190	3730	
Cliff House Ss			3730	3808	Water/Possible gas
Menefee Fm			3808	4407	Coal/Ss/Water/Possible O&G
Point Lookout Ss			4407	4794	Probable water/Possible O&G
Mancos Shale			4794	5655	
Gallup			5655	6470	O&G/Water
Graneros Shale			6470	6520	
Dakota Ss			6520	PBTD	O&G/Water

Remarks:
P & A

- BLM geologist's pick for the top of the Kirtland and Lewis formations varies from operator's.
- Log analysis of reference well #2 (attached worksheet) indicates the Nacimiento and Ojo Alamo sands investigated contain fresh water (≤5,000 ppm TDS).
- Please ensure that the tops of the Dakota, Gallup, Mancos, Mesaverde (Cliff House), Pictured Cliffs, Fruitland, and Kirtland Formations, as well as the entire Ojo Alamo fresh water aquifer identified in this report are isolated by proper placement of cement plugs. This will protect the fresh water sands in this well bore.

Reference Well:
1) Same — Fm. Tops

2) Southland Royalty — Water Analysis
Cooper #3E
1810' FSL, 860' FEL
Sec. 6, T29N, R11W
GL 5777', KB 5789'

Prepared by: *Chris Wenman*

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

5. Lease Serial No.
NMSF078144

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.

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - *Other instructions on page 2.*

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

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
Pan American Federal Gas Com B 1E

2. Name of Operator
Hilcorp Energy Company

9. API Well No.
30-045-24842

3a. Address
382 Road 3100, Aztec, NM 87410

3b. Phone No. (include area code)
505-599-3400

10. Field and Pool or Exploratory Area
Aztec Pictured Cliffs / Basin Dakota

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*
Surface Unit G (SWNE), 1710' FNL & 1660' FEL, Sec. 31, T30N, R11W

11. Country or Parish, State
San Juan , New Mexico

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ 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 requests permission to P&A the subject well per the attached procedure. The Pre-Disturbance Site Visit was held on 7/18/2019 with Bob Switzer/BLM. The Re-Vegetation Plan is attached. A Closed Loop system will be used.

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)*
Cherylene Weston Title **Operations/Regulatory Technician - Sr.**

Signature Cherylene Weston Date 7-23-19

THIS 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.

(Instruction on page 2)

PLUG AND ABANDONMENT PROCEDURE

July 22, 2019

Pan Am Federal B #1E
Basin Dakota / Aztec PC
1710' FNL & 1660' FEL, Section 31, T30N, R11W,
San Juan County, NM API 30-045-24842

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.
All cement will be Class G, mixed at 15.8 ppg with a 1.15 cf/sx yield.

1. This project will use a steel tank to handle waste fluids circulated from the well and cement wash up.

2. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.

3. Rods: Yes____, No_X___, Unknown_____.
Tubing: Yes _X__, No ____, Unknown_____, Size __2-3/8"__, Length __2092'____.
Packer: Yes____, No__X__, Unknown_____, Type _____.
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.

Note: Production tubing will be removed and CIBP @ 2200' will need to be drilled out prior to beginning cementing.

4. **Plug #1 (Dakota perforations and top, 6650' – 6450'):** TIH with gauge ring and RIH to 6650'. RIH w/ 4.5" CR and set at 6650'. Load casing with water and circulate well clean. Mix 18 sxs Class G cement (Excess due to open P/C perfs). PUH.

5. **Plug #2 (Gallup top, 5506' – 5406'):** Mix and pump 18 sxs Class G cement (Excess due to open P/C perfs) and spot a balanced plug inside casing to cover the Gallup top. PUH.

6. **Plug #3 (Mancos top, 4457' – 4357'):** Mix and pump 18 sxs Class G cement (Excess due to open P/C perfs) and spot a balanced plug inside casing to cover the Mancos top. PUH.

7. **Plug #4 (Mesaverde top, 3858' – 3758'):** Mix and pump 18 sxs Class G cement (Excess due to open P/C perfs) and spot a balanced plug inside casing to cover the Mesaverde top. PUH.

8. **Plug #5 (Chacra top, 2850' – 2750'):** Mix and pump 18 sxs Class G cement (Excess due to open P/C perfs) and spot a balanced plug inside casing to cover the Chacra top. PUH.

9. **Plug #6 (Pictured Cliffs Interval and Fruitland top, 2011'- 1557'):** Set CR @ 2011'. Mix and pump 40 sxs Class G cement and spot a balanced plug inside casing to cover the PC interval and Fruitland top. PUH.

10. **Plug #7 (Kirtland and Ojo Alamo tops, 825' – 590'):** Mix and pump 23 sxs Class G cement and spot a balanced plug inside casing to cover the Kirtland/Ojo Alamo tops. PUH.

11. **Plug #8 (8-5/8" casing shoe, 425' – 0'):** Attempt to pressure test the bradenhead annulus to 300 PSI; note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 34 sxs cement and spot a balanced plug from 425' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing and annulus from the squeeze holes to surface. Shut in well and WOC.

12. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. Record GPS coordinate for P&A marker on tower report. Photograph P&A marker in place. Cut off anchors and clean up location. Restore location per BLM stipulations.

Hilcorp Energy Company

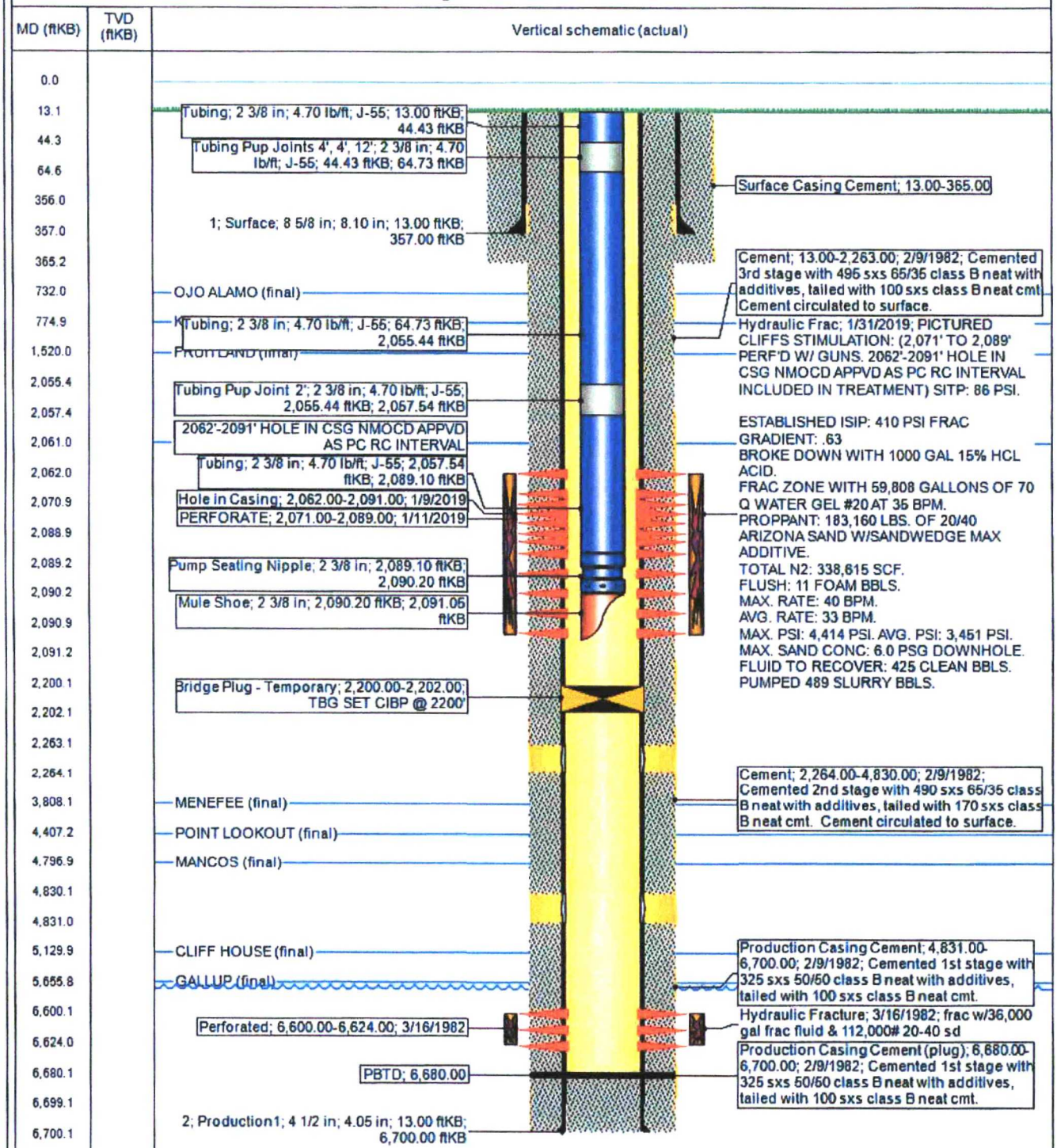
Current Schematic

Well Name: PAN AMERICAN FEDERAL GAS COM B #1E

API / UWI	Surface Legal Location	Field Name	Route	State/Province	Well Configuration Type
3004524842	T30N-R11W-S31	Basin Dakota	0701	New Mexico	Vertical

Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
5,837.00	5,850.00	13.00		

Vertical, Original Hole, 7/22/2019 12:14:13 PM



Pan Am Federal B #1E

Proposed P&A

Basin Dakota / Aztec PC
1710' FNL & 1660' FEL, Section 31, T30N, R11W, NMPM
San Juan County, New Mexico
API# 30-045-24842

Today's Date: **7/10/19**

Spud: 1/27/82
Completed: 3/20/82
Elevation: 5837' GR
5850' KB

12.5" hole

Ojo Alamo @ 640'

Kirtland @ 775'

Fruitland @ 1607'

Pictured Cliffs @ 2062'

Chacra @ 2800'

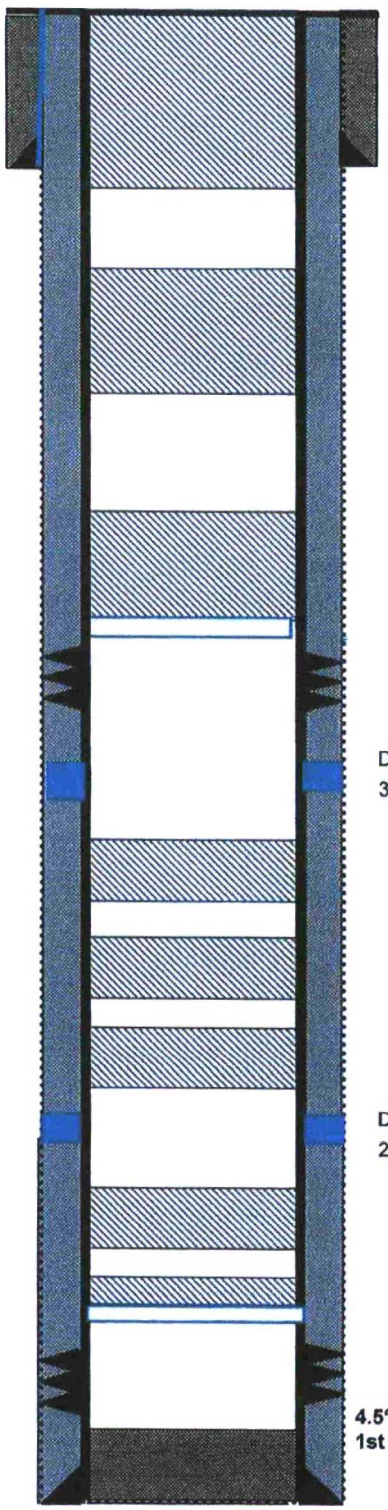
Mesaverde @ 3808'

Mancos @ 4407'

Gallup @ 5656'

Dakota @ 6520'

7-7/8" hole



8 5/8", 24# Casing set @ 375'
Cement with 300 sxs; circulated

Plug #8: 425' – 0'
Class G cement, 34 sxs

Plug #7: 825' – 590'
Class G cement, 23 sxs

Plug #6: 2011' – 1557'
Class G cement, 40 sxs

CR@ 2011'

Pictured Cliffs Perforations:
2061' – 2091'

DV tool @ 2263'
3rd Stage: Cement w/595 sxs; circulated

Plug #5: 2850' - 2750'
Class G cement, 18 sxs
(excess due to open perfs)

Plug #4: 3858' - 3758'
Class G cement, 18 sxs
(excess due to open perfs)

Plug #3: 4457' – 4357'
Class G cement, 18 sxs
(excess due to open perfs)

DV tool @ 4830'
2nd Stage: Cement w/ 660 sxs; circulated

Plug #2: 5506' – 5406'
Class G cement, 18 sxs
(excess due to open perfs)

Set CR @ 6550'

Dakota Perforations:
6600' – 6624'

Plug #1: 6550' – 6450'
Class G cement, 18 sxs
(excess due to open perfs)

4.5",10.5#, Casing set @ 6700'
1st Stage: Cement w/ 425 sxs; circulated

PBTD 6680'
TD 6700'

Hilcorp Energy
P&A final Reclamation Plan
Pan American Federal Gas Com B 1E
API: 30-045-24842
T30N-R11W-Sec. 31-Unit G
LAT: 36.771323 LONG: -108.027959
Footage: 1710' FNL & 1660' FEL
San Juan County, NM

1. PRE- RECLAMATION SITE INSPECTION

A pre-reclamation site inspection was completed with Bob Switzer from the BLM and Eufracio Trujillo, Hilcorp Energy SJ South Construction Foreman on July 18, 2019.

2. LOCATION RECLAMATION PROCEDURE

1. Reclamation work will begin in summer/ fall time period.
2. Well pad is twinned with the Pan American Federal Gas Com B 2.
3. Removal of all equipment and flowlines.
4. Below Grade Tank will be sampled and tested. It will be closed after approval has been given.
5. All trash and debris will be removed within a 50' buffer outside of the location disturbance during reclamation.
6. Rip compacted soil and walk down entire well pad.
7. Remove gravel from berms and where equipment was installed.
8. Pull soil from fill slope and push to cut slope. Recontour in shallow swales or slit traps to create rolling terrain that matches natural drainage features to limit erosion.
9. Create drainage diversion on the well pad to reclaim area disturbed on twin pad.

3. ACCESS ROAD RECLAMATION PROCEDURE

1. The main lease access will be bladed in from foreign operated well.
2. No reclaim will be needed at this time for access road due to well pad being twinned.

4. SEEDING PROCEDURE

1. A Pinion/Juniper seed mix will be used for all reclaimed and disturbed areas of the well pad and lease road.
2. Drill seed will be done where applicable and all other disturbed areas will be broadcast seeded and harrowed. Broadcast seeding will be applied at a double the rate of seed.
3. Timing of the seeding will be when the ground is not frozen or saturated.

5. WEED MANAGEMENT

1. No action is required at this time for weed management, no noxious weeds were identified during this onsite.