

Well Name: DAWSON A	Well Location: T27N / R8W / SEC 4 / SENW / 36.605976 / -107.689576	County or Parish/State: SAN JUAN / NM
Well Number: 1F	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM05791	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004531123	Well Status: Gas Well Shut In	Operator: HILCORP ENERGY COMPANY

Notice of Intent

Sundry ID: 2654245

Type of Submission: Notice of Intent	Type of Action: Plug and Abandonment
Date Sundry Submitted: 01/26/2022	Time Sundry Submitted: 12:35
Date proposed operation will begin: 02/09/2022	

Procedure Description: Hilcorp Energy Company requests permission to P&A the subject well per the attached procedures, current and proposed wellbore schematics. The Pre-Disturbance Site Visit was held on 1/21/22 with Bob Switzer/BLM. The Re-Vegetation Plan is attached. A closed loop system will be used.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

- Plug_and_Abandonment_Procedure___Dawson_A_1F_20220126123430.pdf
- Dawson_A_1F_Reclamation_Plan_20220126123430.pdf

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Conditions of Approval

Additional Reviews

General_Requirement_PxA_20220322173529.pdf
2654245_NOIA_A_1F_3004531123_KR_03222022_20220322173516.pdf
27N08W04FKd_Dawson_A_1F_20220322094618.pdf

Operator Certification

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: KANDIS ROLAND	Signed on: JAN 26, 2022 12:34 PM
Name: HILCORP ENERGY COMPANY	
Title: Operation Regulatory Tech	
Street Address: 382 Road 3100	
City: Farmington	State: NM
Phone: (505) 599-3400	
Email address: kroland@hilcorp.com	

Field Representative

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: KENNETH G RENNICK	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5055647742	BLM POC Email Address: krennick@blm.gov
Disposition: Approved	Disposition Date: 03/22/2022
Signature: Kenneth Rennick	

Plug and Abandonment - NOI**Dawson A 1F****API # - 3004531123****Procedure:**

Hold PJSM prior to beginning any and all operations. Properly document all operations via the JSA process. Ensure that all personnel onsite abide by HEC safety protocol, including PPE, housekeeping, and standard guidelines.

Verify cathodic protection is off and wellhead instrumentation is properly disconnected from the wellhead. Comply with all NMOCD, BLM, and HEC safety and environmental regulations.

Verify there is no H₂S present prior to beginning operations. If any H₂S is present, take the necessary actions to ensure that the location is safe prior to beginning operations.

Observe and record pressures across all string daily, prior to beginning operations.

Remember to notify NMOCD 24 hours prior to starting operations on location.

NOTE: This procedure is contingent upon P&A sundry approval by NMOCD. All cement volumes use 100% excess outside pipe and 50' excess inside (unless otherwise stated). All cement will be Class G, mixed at 15.8 ppg w/ a 1.15 cf/sx yield. The stabilizing wellbore fluid will be an 8.3 ppg fluid, sufficient to balance all exposed formation pressures.

CBL dated 07/24/2015 shows TOC at 3000' (directly adjacent to intermediate shoe).

1. This project will use a steel tank to handle waste fluids circulated from the well and cement wash up.
2. Test anchors if not using a base beam. Comply with all NMOCD, BLM, and HEC safety regulations. MIRU and conduct safety meeting for all personnel on location.
3. Record casing, tubing, and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary. Ensure well is dead or on a vacuum.
4. POOH rods and pump. NDWH and NU BOP
5. Unset TAC and scan tubing out to use as work string.
6. **Plug #1, 6900' - 6850' (Dakota Top: 6822')**
7. Set CIBP on WL at 6900'. Dump bail 30' of cement on plug.
8. **Plug #2, 6100' - 6050' (Gallup Top: 6005')**
9. Circulate plug mud to 6100'.
10. Set CIBP on WL at 6100'. Dump bail 30' of cement on plug.
11. Circulate plug mud to 5200'
12. **Plug #3, 5200' - 5150' (Mancos Top: 5208')**

13. Set CIBP on WL at 5200'. Dump bail 30' of cement on plug.
14. **Plug #4, 4200' – 4150' (Point Lookout: 4824', Menefee: 4278', Cliffhouse: 4158)**
15. Circulate plug mud to 4200'.
16. Set CIBP on WL at 4200'. Dump bail 30' of cement on plug.
17. **Plug #5, 3500' – 3450' (Chacra: 3523')**
18. Circulate plug mud to 3500'.
19. Set CIBP on WL at 3500'. Dump bail 30' of cement on plug.
20. **Plug #6, 2990'-2493' (Intermediate Shoe: 3000', Pictured Cliffs: 2543')**
21. Circulate plug mud to 3000'. POOH with tubing.
22. RUWL, RIH perforate at 2990', POOH and RDWL
23. PU CICR and RIH to 2980', set retainer and pump 22 bbl of cement to bring TOC in 7" x 4.5" annulus above PC top.
24. Sting out and cap retainer and circulate cement to 2493' (7.75 bbl).
25. **Plug #9, 2190' – 2090' (Fruitland: 2140', Kirtland: 1763', Ojo Alamo: 1648')**
26. Circulate plug mud to 2200'.
27. RUWL, RIH perforate at 2190', POOH and RDWL
28. PU CICR and RIH to 2180', set retainer and pump cement to circulate to surface. Expect to pump about 53 bbl.
29. Sting out and cap retainer and circulate cement to 1598' (9.25 bbl).
30. **Plug #11, 340' - Surface (Surface Shoe: 290')**
31. Circulate plug mud to 340'. Circulate cement from 340' to surface.
32. ND BOP and cut off wellhead below surface casing flange per regulation. Top off w/cement if needed. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location.

Well Name: DAWSON A #1F

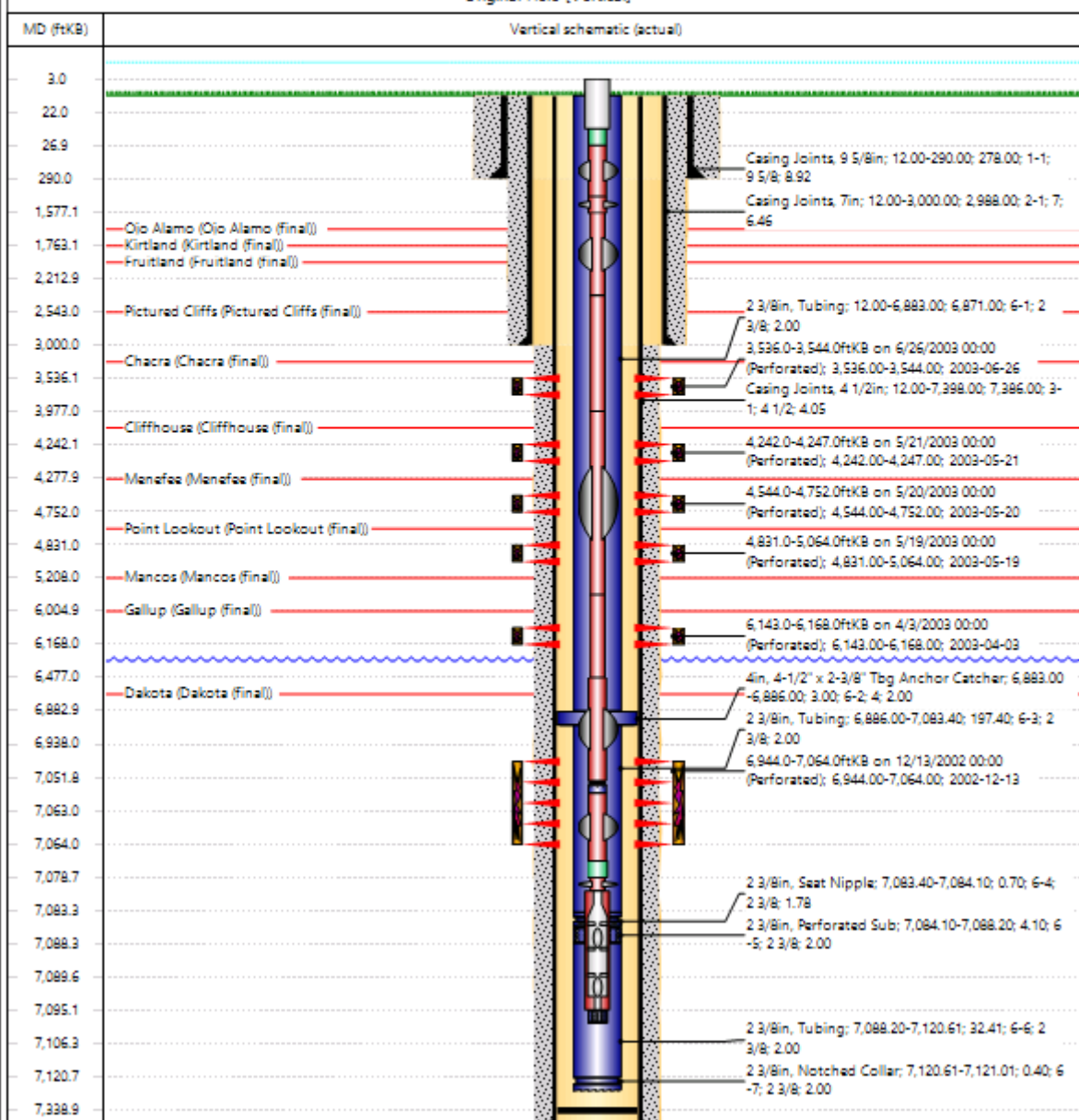
API Well ID	Surface Lease Location	Field Name	License No.	State/Province	Well Configuration Type
3004531123	T27N-R08W-S04	Basin Dakota		New Mexico	Vertical
Original K&L RT Elevation (ft)	K&L Ground Distance (ft)	Original Spud Date	Rig Release Date	Perfor (All) (ft)	Total Depth All (TVD) (ft)
6,357.00	12.00	11/1/2002 00:00	11/18/2002 00:00	Original Hole - 7,339.0	

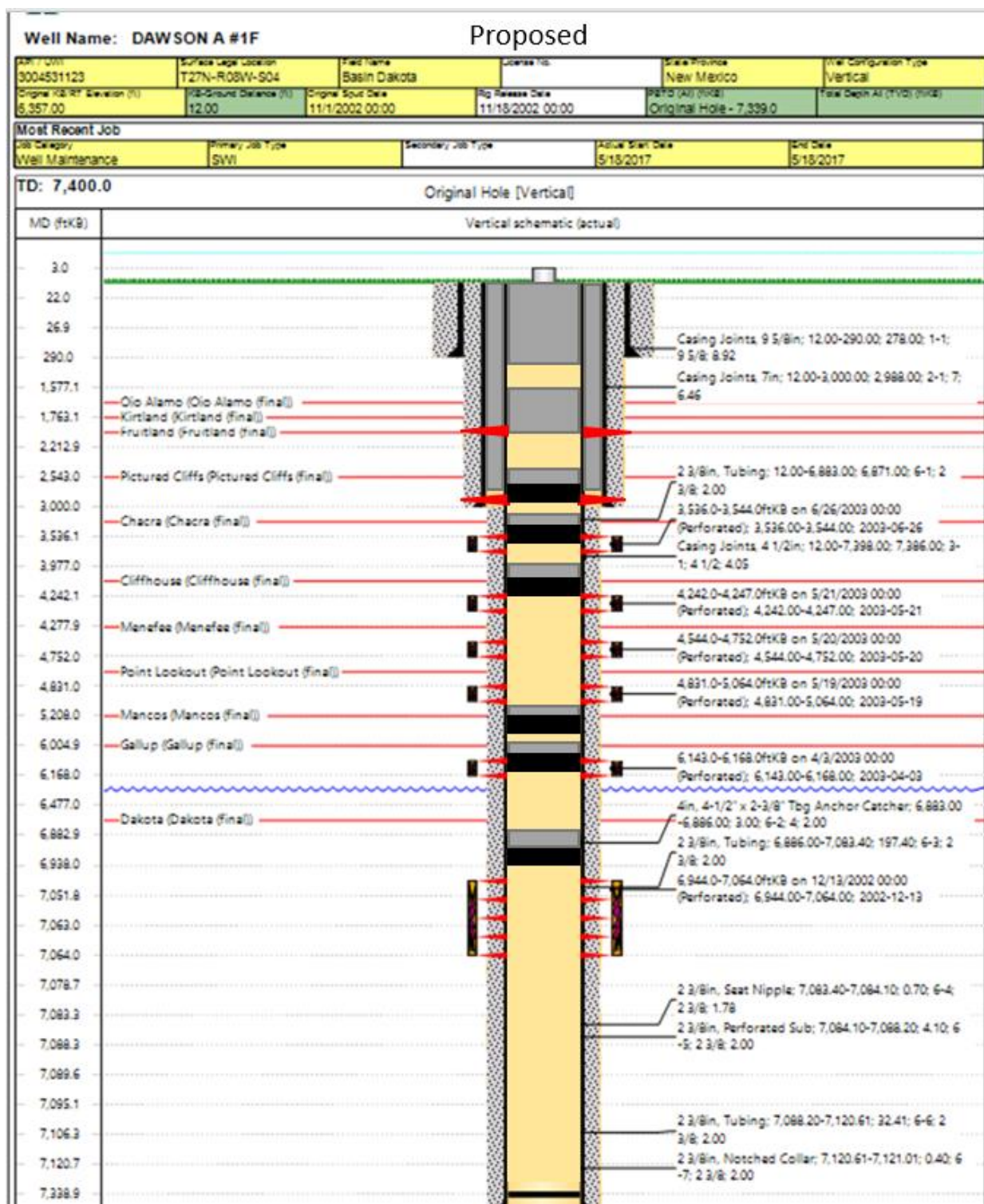
Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Actual Start Date	End Date
Well Maintenance	SWI		5/18/2017	5/18/2017

TD: 7,400.0

Original Hole [Vertical]





Hilcorp Energy
P&A Final Reclamation Plan
Dawson A 1F
API: 30-045-31123
T27N-R8W-Sec. 4-Unit F
LAT: 36.606024 LONG: -107.689085 NAD 27
Footage: 1865' FNL & 1565' FWL
San Juan County, NM

1. PRE- RECLAMATION SITE INSPECTION

A pre-reclamation site inspection was completed with Bob Switzer from the BLM, Mike Raney with Enterprise, and Eufracio Trujillo, Hilcorp Energy SJ South Construction Foreman on January 21, 2022.

2. LOCATION RECLAMATION PROCEDURE

1. Reclamation work will begin in Spring time period.
2. Removal of all equipment, anchors, and flowlines.
3. All trash and debris will be removed within a 50' buffer outside of the location disturbance during reclamation.
4. BGT will be tested and closed when samples clear.
5. Rip compacted soil and walk down disturbed portion of well pad.
6. Location will be recontoured by pushing Northern edge of location Southerly to the bottom of the hill.
7. Add diversion ditch along the side of access road to keep traffic off of reclaimed area.
8. Remove all gravel from berms, pads, and meter run.
9. Enterprise will leave pipeline in place since it is used by another well. It is also located in the fill portion of the location. Hilcorp will leave a small access road to service the dog leg on location. This line will be stripped out when the Dawson A 1G is plugged.
10. Enterprise will blind and barricade stub up.

3. ACCESS ROAD RECLAMATION PROCEDURE

1. The well access road will not be blocked at the entrance at this time.
2. Insert small diversion for erosion control down road to help with runoff.

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 noxious weeds were identified during this onsite.

**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 H₂S.

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.

(October 2012 Revision)

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

AFMSS 2 Sundry ID 2654245

Attachment to notice of Intention to Abandon

Well: Dawson A 1F

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. The following modifications to your plugging program are to be made:
 - a) A minimum of 50' of cement on top of the CIBPs. The procedure has the length of the cement caps being 50'. But also have dump bail 30' of cement. Confirm procedure before placing any cement above CIBPs.
 - b) Bring the top of Plug #9 (Fruitland, Kirtland, Ojo Alamo) up to 1515' to cover BLM pick for the Ojo Alamo top (1565').
 - c) Add a plug, or bring the bottom of Plug #10 (Surface) down to 587' to cover BLM formation top pick for the Nacimiento (537').
3. Farmington Office is to be notified at least 24 hours before the plugging operations commence at (505) 564-7750.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.

K. Rennick 3/22/2022

BLM FLUID MINERALS P&A Geologic Report

Date Completed: 03/22/2022

Well No. Dawson A #1F (API# 30-045-31123)	Location	1865	FNL	&	1565	FWL
Lease No. NMNM-05791	Sec. 04	T27N			R08W	
Operator Hilcorp Energy Company	County	San Juan		State	New Mexico	
Total Depth 7400'	PBTD 7339'	Formation Dakota				
Elevation (GL) 6345'		Elevation (KB) 6357'				

Geologic Formations	Est. Top	Est. Bottom	Log Top	Log Bottom	Remarks
San Jose Fm	Surface	537			Surface/freshwater sands
Nacimiento Fm	537	1565			Possible freshwater sands
Ojo Alamo Ss	1565	1770			Aquifer (possible freshwater)
Kirtland Shale	1770	2267			
Fruitland Fm	2267	2543			Coal/Gas/Possible water
Pictured Cliffs Ss	2543				Gas
Lewis Shale				3523	
Chacra			3523	4240	Possible Gas
Cliff House Ss			4240	4278	Water/Possible gas
Menefee Fm			4278	4824	Coal/Ss/Water/Possible O&G
Point Lookout Ss			4824	5208	Probable water/Possible O&G
Mancos Shale			5208	6005	
Gallup			6005	6761	O&G/Water
Greenhorn			6761	6822	
Graneros Shale			6822	6860	
Dakota Ss			6860	7187	O&G/Water
Morrison Formation			7187	PBTD	

Remarks:

P & A

- BLM picks for the Ojo Alamo, Kirtland, Fruitland and Dakota formation tops vary from Operator submission. Formation tops from the Morrison – Chacra were picked using logs from this well. Formation tops from the Pictured Cliffs – Surface were estimated using logs from Reference Well #2.
- Bring the top of Plug #9 (Fruitland, Kirtland, Ojo Alamo) up to 1515' to cover BLM pick for the Ojo Alamo top (1565').
- Add a plug, or bring the bottom of Plug #10 (Surface) down to 587' to cover BLM formation top pick for the Nacimiento.
- The plugs proposed in the P&A procedure, with changes recommended above, will adequately protect any freshwater sands in this well bore.
- Dakota perms 6944' – 7064'.
- Gallup perms 6143' – 6168'.
- Mesaverde perms 4242' – 5064'.
- Chacra perms 3536' – 3544'.

Reference Well:

1) **Formation Tops (Morrison – Chacra)**
Same

2) **Formation Tops (Pictured Cliffs – Surface)**

ConocoPhillips Company
Graham B WN Fed #7.
30-045-20406
1840' FNL, 1740' FWL
Sec. 4, T27N, R08W
6350' KB

Prepared by: Chris Wenman

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 92288

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 92288
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Notify NMOCD 24 Hours Prior to beginning operations	3/25/2022
kpickford	Adhere to BLM approved plugs and COAs. See GEO Report	3/25/2022