

Submit 1 Copy To Appropriate District Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

OCD Received
 5/18/2020

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-045-32690
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator HILCORP ENERGY COMPANY		6. State Oil & Gas Lease No.
3. Address of Operator 382 Road 3100, Aztec, NM 87410		7. Lease Name or Unit Agreement Name ALAMO 22
4. Well Location Unit Letter <u>H</u> : <u>2235</u> feet from the <u>North</u> line and <u>660</u> feet from the <u>East</u> line Section <u>22</u> Township <u>31N</u> Range <u>13W</u> NMPM County <u>San Juan</u>		8. Well Number 8
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5607' GL		9. OGRID Number 372171
10. Pool name or Wildcat Basin Dakota		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input checked="" type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: <input type="checkbox"/>		SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>	
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13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Hilcorp Energy Company requests permission to P&A the subject well per the attached procedures, current and proposed wellbore schematics. A closed loop system will be used.

COAs, add the following plugs:
 3470'-2625.' OCD MV pick 3420,' Chacra pick @ 2675.' Inside/outside plug
 1828'-1350.' OCD PC pick @ 1778,' Fruitland pick @ 1425.'
 Mancos portion of plug #2, inside/outside.

Notify NMOCD 24hrs
 Prior to beginning
 operations

Spud Date: Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Amanda Walker TITLE Operations/Regulatory Technician – Sr. DATE 5/19/2020

Type or print name Amanda Walker E-mail address: mwalker@hilcorp.com PHONE: (505)324-5122

For State Use Only

APPROVED BY: [Signature] TITLE District III Geologist DATE 7/7/2020
 Conditions of Approval (if any):

AV



Hilcorp Energy Company
ALAMO 22 8
Plug and Abandon - NOI
API #: 3004532690

PROCEDURE

Hold a pre-job safety meeting prior to beginning all operations or during a change in operational scope or initiation of SIMOPs. Properly document all operations via the JSA process. Insure 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 wellhead. Comply with all NMOCD, BLM, and HEC safety and environmental regulations. Verify there is no H2S present prior to beginning operations. If H2S is present, take the necessary actions to insure that the operation is safe prior to beginning operations. Observe and record pressures across all strings daily, prior to beginning operations. **Notify NMOCD 24 hours in advance of beginning operations**

NOTE: **this procedure is contingent upon P&A sundry approval by the NMOCD.** All cement volumes use 100% excess outside pipe and 50' excess inside (unless stated otherwise). All cement will be Class G, mixed at 15.8 ppg with a 1.15 cf/sx yield. 8.3 ppg fluid will be used to balance the well during this operation.

1. RU slickline on LS. RIH and clear tbg w/ a broach/gauge ring. Attempt to fish any obstructions. Set 3-slip stop, if necessary. RD slickline
2. MIRU workover rig. Check casing, tubing, and bradenhead pressures. LOTO pumping unit on SS and remove horses head and bridle. RU blow down lines from the csg to the rig tank and blow down pressure on both strings of tbg and csg, if necessary
3. Unseat pump and TOO H with rod string, while inspecting for wear, corrosion, scale, etc.
4. Load well, ND flow-T, NU dual BOPs w/ offset spool/elevators/rams. Pressure and function test BOPs to 150/1500 psi.
NOTE: Verify date of last charted BOPE test and ensure 30-day interval will not be exceeded during estimated job duration. *If 30-day interval is expected to expire during job, perform charted low and high pressure test on the BOPE (pipes/blinds/safety valve). Record pressure test in WellView.*
5. PU on SS (check string weight), remove hanger. POOH visually inspecting tbg and laying down.
6. PU MS and workstring w/ turned down collars, wash off on top of packer and CO with air, if necessary. POOH
7. Change over offset spool/elevators/rams. PU on LS (check string weight), unseat 81-32 seal assembly and remove hanger, POOH visually inspecting tbg and laying down.
8. **PLUG #1:** RIH w/ workstring, M&P 17 sx Class G cement plug f/ 6430-6222' to isolate the DK perms (6372-6424') and cover the DK sand top. PUH, WOC, LIH and tag TOC

Procedure cont'd on following page



Hilcorp Energy Company

ALAMO 22 8

Plug and Abandon - NOI

API #: 3004532690

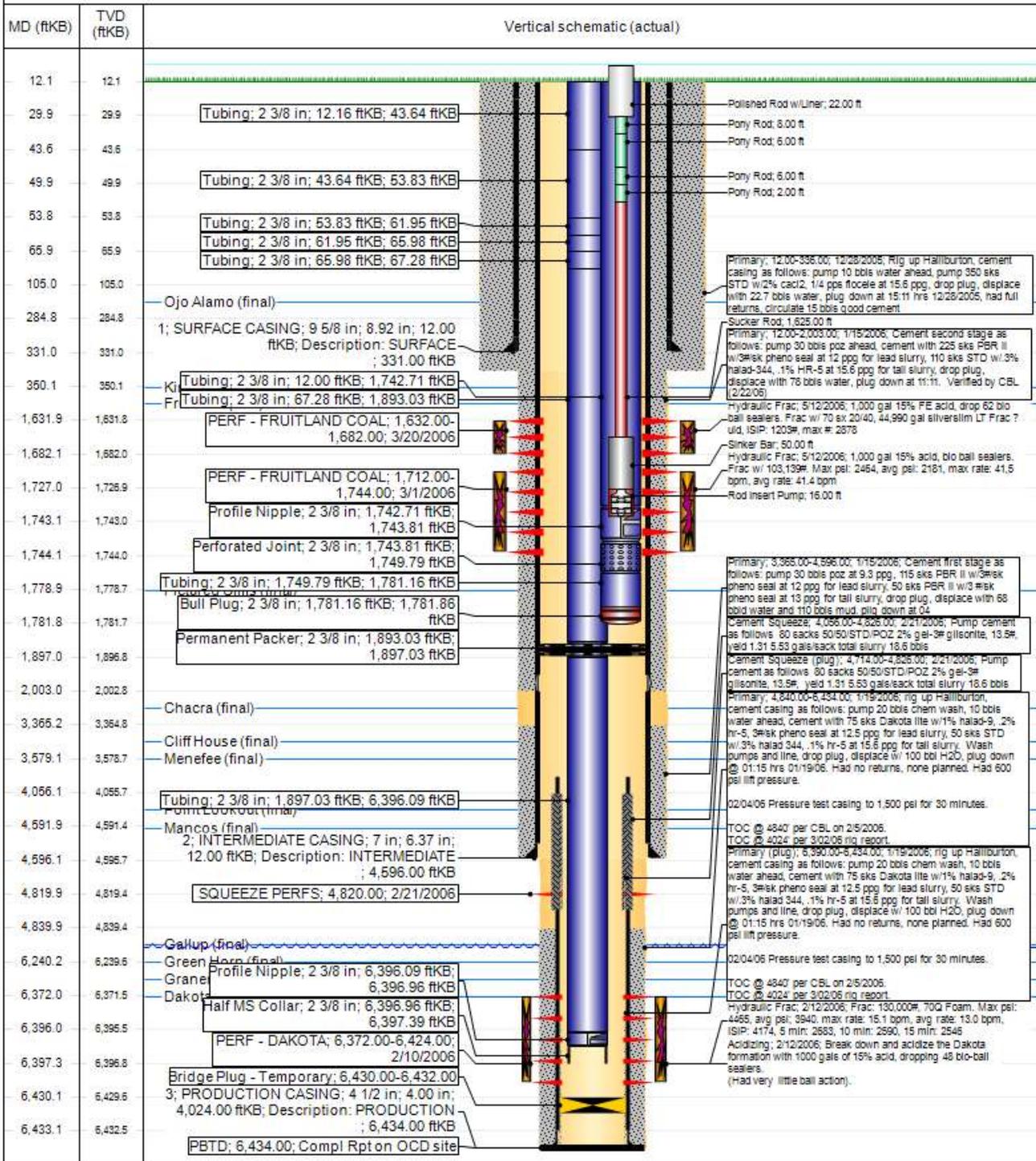
PROCEDURE CONT'D

9. **PLUG #2:** PUH, M&P 138 sx Class G cement plug from 5576-3974' to cover the GL and Mancos sand tops, the IC shoe and the liner top. PUH, WOC, LIH and tag TOC.
10. **PLUG #3:** PUH, M&P 110 sx Class G cement plug from 3420-2898' to cover the MV and Chacra sand tops. PUH, WOC, LIH and tag TOC, POOH
11. RIH w/ 7" scraper to 1600', POOH.
12. **PLUG #4:** RIH w/ 7" CICR and set at 1582'. EIR, M&P 115 sx Class G cement inside/outside plug to cover the PC sand top and FRC perfs (1632-1744') from 1829-1532'. Leave 95 sx below the CR and 20 sx on top. PUH, CO on top of plug. PT csg.
13. **PLUG #5:** PUH, M&P 29 sx Class G cement plug from 1225-1125' to cover the Fruitland sand top. PUH, CO on top of plug, POOH.
14. **PLUG #6:** PUH, M&P 87 sx Class G cement plug from 400' to surface to cover the surface casing shoe, Kirtland, and Ojo sand tops. Top off if necessary.
15. ND BOPs, cut off wellhead below surface casing flange per regulations. Top off w/ cement, if necessary. Weld top cap and install P&A marker. RDMO

Well Name: ALAMO 22 #8

API / UWI 3004532690	Surface Legal Location H-22-31N-13W	Field Name BASIN	Route 0202	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 5,607.00	Original KBRT Elevation (ft) 5,619.00	KB-Ground Distance (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

Vertical, ORIGINAL HOLE, 5/18/2020 11:00:17 AM



ALAMO 22 8
API: 3004532690

Proposed P&A

Ojo Alamo Top: 255'
Kirtland Top: 350'

Plug 6: 400' - Surface
87 sxs Class G

Surface: 9-5/8" 36# @ 331'

Fruitland Coal Top: 1175'

Plug 5: 1225' - 1125'
29 sxs Class G

Pictured Cliffs Top: 1779'

Plug 4: 1829' - 1532'
95 sxs below CR
20 sxs above CR
Set CICR @ 1582'

Fruitland Perfs @ 1632' - 1744'

Chacra Top: 2948'
Cliffhouse Top: 3370'

Plug 3: 3420' - 2898'
110 sxs Class G

Existing Permanent Packer 2-3/8"
1893' - 1897'

Mancos Top: 4592'
Gallup Top: 5526'

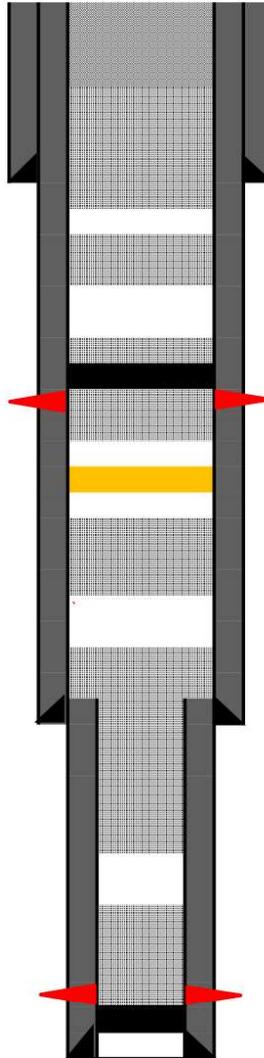
Plug 2: 5576' - 3974'
138 sxs Class G

TOL @ 4024'
Intermediate: 7" 23# @ 4596'

Dakota Top: 6372'

Plug 1: 6430' - 6322'
17 sxs Class G

Dakota Perfs @ 6372' - 6424'
Existing CIBP @ 6430'
Production Liner: 4.5" 11.6#



PBT D 6430'