

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

Form C-103
 Revised July 18, 2013

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

WELL API NO. 30-039-82259
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Canyon Largo Unit Com
8. Well Number 136
9. OGRID Number 372171
10. Pool name or Wildcat Blanco PC South/Otero Chacra

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.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other	11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6257' GR
2. Name of Operator HILCORP ENERGY COMPANY	
3. Address of Operator 382 Road 3100, Aztec, NM 87410	
4. Well Location Unit Letter <u>N</u> : 790' feet from the <u>South</u> line and 1760' feet from the <u>West</u> line Section <u>04</u> Township <u>25N</u> Range <u>06W</u> NMPM County <u>San Juan</u>	

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
DOWNHOLE COMMINGLE ☐	P AND A ☐
CLOSED-LOOP SYSTEM ☐	CASING/CEMENT JOB ☐
OTHER: ☐	OTHER: ☐

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.

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  TITLE Operations/Regulatory Technician – Sr. DATE 1/5/2023

Type or print name Amanda Walker E-mail address: mwalker@hilcorp.com PHONE: (346) 237-2177

For State Use Only

APPROVED BY:  TITLE Petroleum Specialist DATE 1/18/2023

Conditions of Approval (if any):

Hilcorp Energy Company

Proposed P&A Procedure

Well: Canyon Largo Unit Com #136

API: 30-039-82259

Date: 1/4/2023

Engr: M Wissing

Surface: Fee

Wellbore		Wt #	ID	Bottom (ft)	Bbl/ft	Drill Bit
SPUD	5/29/1966					
KB (ft)	10					
Surface Casing	8-5/8"	24	8.1	113	0.06370	12-1/4"
Production Casing	4-1/2'	9.5	4.09	3406	0.01624	6-3/4"
Csg x Open hole	6.75 X 4.5	-	-	-	0.02460	
Csg Annular	8.1 X 4.5	-	-	-	0.04410	
Tubing	Dual- 1-1/4" (7/16/1966)	2.4#	65 jts	3,118' & 2,312'		
PBTD	3,397 ft					

Cement

Type	Class G	
Yield	1.15	Bbl/sx
Water	5	Gal/sx
Weight	15.8	PPG
Total Job Cmt	115	SX
Total Cmt Water	575	Gal
Csg Vol Water	51.2	Bbl

Lift Type: unknown

Historic Braden Head Pressure: 0 psi

Historic Packer test: good

Rig History: none since original completion in 1966

Slickline: tagging up scale inside tbg strings. Unable to get down to EOT- reports don't show what string was attempted.

CBL Logs: none

Hilcorp Energy Company

Proposed P&A Procedure

P&A Cement: All cement plugs include a 50 ft excess volume. Due to SJ Basin cement resource limitations, either Type III (6.64 gal/sx, 1.37 yld, 14.8#) or Type 2/5 (6.041 gal/sx, 1.27 yld, 15#) cement might be used at any point during the P&A project.

RIG P&A PROCEDURE:

- 1) Verify all wellhead valves are operatable.
 - a. Dual wellhead with 1-1/4" on both strings.
- 2) RU slickline and attempt to clear both 1-1/4" tbg strings
 - a. (history of scale in tbg).
- 3) Move onto well location. Check well pressures on all casing strings and record (daily). Check well for H₂S and blow down well as necessary.
- 4) RD wellhead and RU BOPs. Function test BOP 1-1/4" pipe and blind rams.
- 5) Attempt to LD short string from 2,322'.
- 6) Attempt to LD long string from 3,313'.
 - a. Packer type is unknown (installed 1966)
- 7) RIH and pluck packer out as needed.
 - a. Work with NMOCD if unable to release packer, tbg parts, or if able to leave packer in the hole for P&A.
- 8) MU 2-3/8" work string with 4-1/2" csg scraper and RIH to 3,160'. POOH.
- 9) MU 4-1/2" CICR (3.875" ID) and RIH. Set CICR at 3,150'.
- 10) RU sand line and RIH. Determine fluid level of wellbore.
- 11) PLUG #1 (Chacra TOP @ 3,190', top Chacra perf @ 3,193')
 - a. Verify fluid level before pumping plug
 - b. Pump a 150' cement balanced plug from 3,000'- 3,150' with 12 SXS, 2.5 BBLS of Class G, 1.15 yld, 15.8# cement inside the 4-1/2" csg.
- 12) TOOH with tbg and LD setting tool.
- 13) WOC plug.
- 14) RIH with work string and tag TOC. Record depth & POOH.
- 15) MU 4-1/2" CICR (3.875" ID) and RIH. Set CICR at 2,275'.
- 16) Sting out of CICR, roll hole with water. TOOH and LD setting tool.
- 17) RU E-line and MU CBL tool. RIH and log entire wellbore with CBL.
- 18) Review log with NMOCD and adjust cmt plugs as needed.
- 19) RIH with work string.
- 20) Pressure test csg to 550 psi to verify integrity.
- 21) PLUG #2 (PC TOP @ 2,320'; PC top perf @ 2,326')
 - a. Pump a 150' cement balanced plug from 2,125'- 2,275' with 12 SXS, 2.5 BBLS of Class G, 1.15 yld, 15.8# cement inside the 4-1/2" csg.
- 22) TOOH with tbg to 1,990'. (LD setting tool if needed)

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Proposed P&A Procedure

- 23) PLUG #3 (OJO TOP @ 1,681', KIRTLAND TOP @ 1,832', FRUITLAND TOP @ 1,940')
 - a. Pump a 409' cement balanced plug from 1,581' - 1,990' with 33 SXS, 6.8 BBLS of Class G, 1.15 yld, 15.8# cement inside the 4-1/2" csg.
- 24) TOOH with tbg.
- 25) RU E-line and perf csg at 163'. Attempt circulation rate with perfs to surface.
- 26) PLUG #4 (CSG SHOE @ 113')
 - a. Circulate a 153' cement plug from 10' - 163' with 46 SXS, 9.5 BBLS of Class G, 1.15 yld, 15.8# cement inside the 4-1/2" csg and 8-5/8" x 4-1/2" annulus.
- 27) N/D BOPE.
- 28) Cut off wellhead.
- 29) Check marker joint for correct well information and weld on P&A well marker.
- 30) Top off all casing strings and whd cellar with 12+/- sx of cement.
- 31) Release rig.

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Proposed P&A Procedure

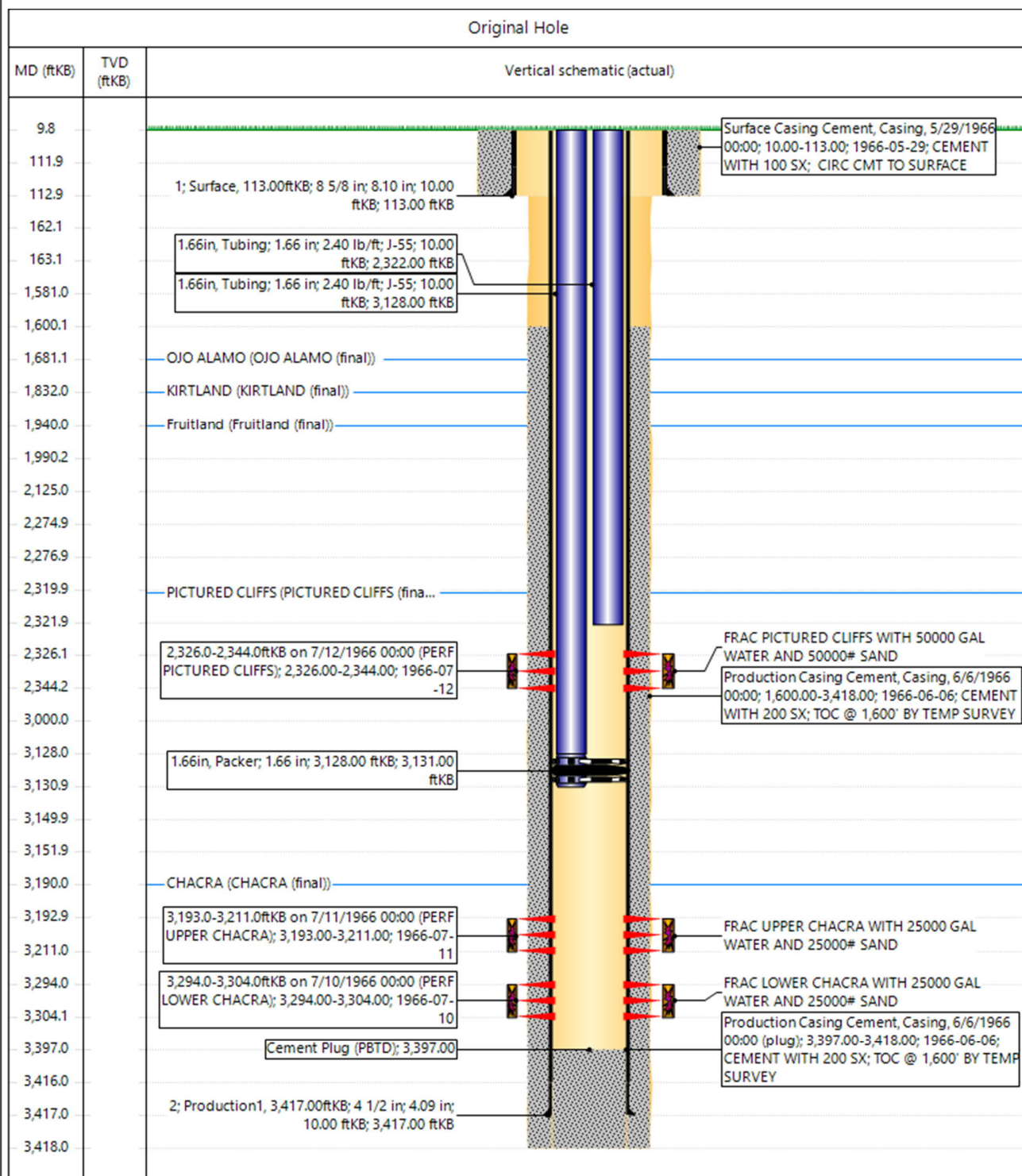


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Current Schematic - Completion Comments

Well Name: CANYON LARGO UNIT COM #136

API / UWI 3003982259	Surface Legal Location 004-025N-006W-N	Field Name OTERO (CHACRA) GAS	Route 0910	State/Province NEW MEXICO	Well Configuration Type
Ground Elevation (ft) 6,257.00	Original KB/RT Elevation (ft) 6,267.00	KB-Ground Distance (ft) 10.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	



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Proposed P&A Procedure

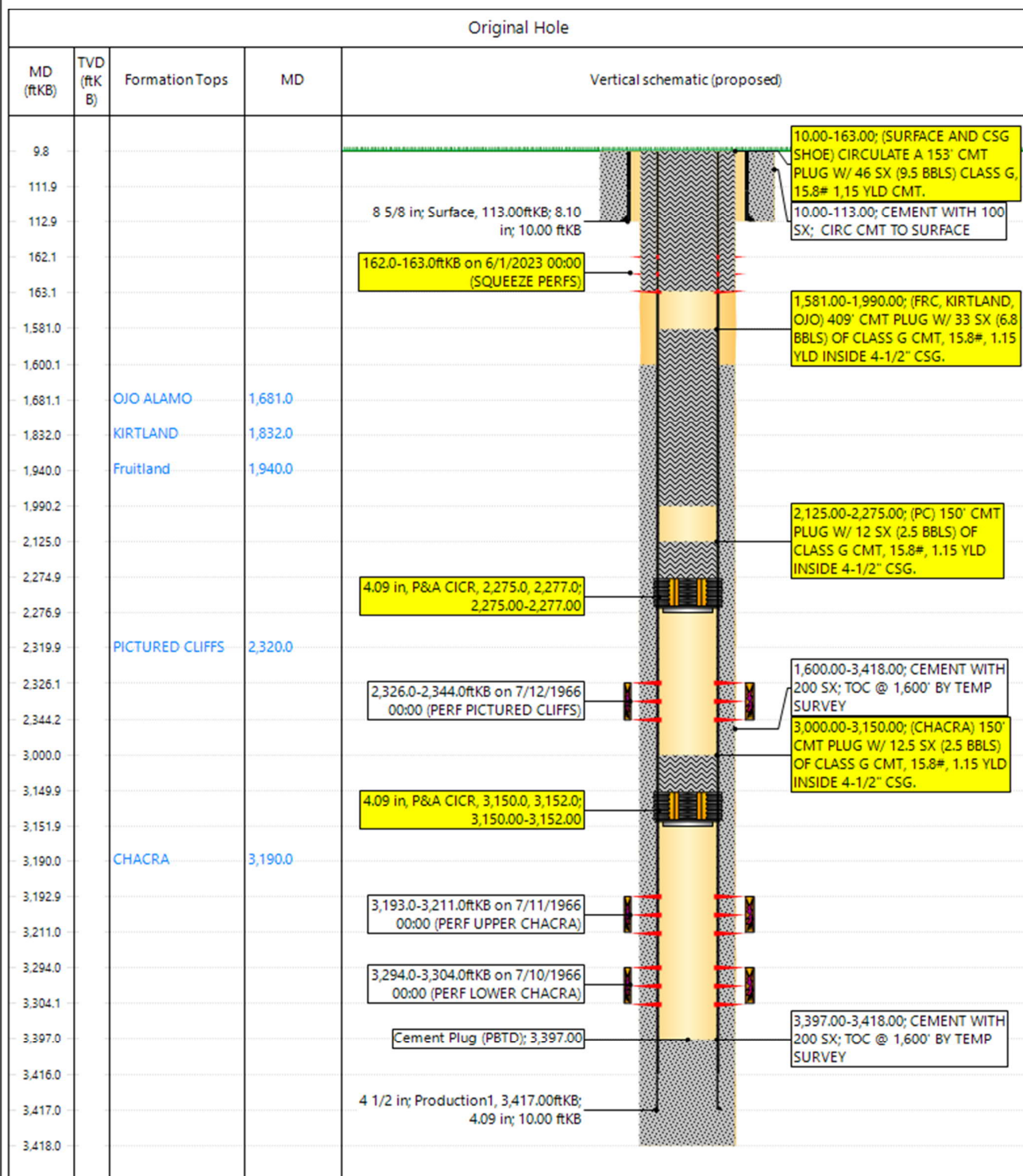


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P&A Proposed Schematic

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

CONDITIONS

Action 172998

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 172998
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kpickford	CBL required	1/18/2023
kpickford	Notify NMOCD 24 Hours Prior to beginning operations	1/18/2023