

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 Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico

Form C-101
Revised July 18, 2013

Energy Minerals and Natural Resources

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

HOBBS OCD

OCT 02 2014

RECEIVED

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address CART HILL ENERGY, L.L.C. 125 W. ST. ANNE HOBBS, NM 88240		² OGRID Number 310548
		³ API Number 30-025-36432
⁴ Property Code 313763	⁵ Property Name SHELLEY 34 STATE	⁶ Well No. 003

⁷ Surface Location

UL - Lot B	Section 34	Township 19S	Range 37E	Lot Idn	Feet from 990	N/S Line N	Feet From 1700	E/W Line E	County LEA
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⁸ Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
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⁹ Pool Information

Pool Name SWD; SAN ANDRES	Pool Code 96121
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Additional Well Information

¹¹ Work Type E	¹² Well Type S	¹³ Cable/Rotary R	¹⁴ Lease Type S	¹⁵ Ground Level Elevation 3606
¹⁶ Multiple N	¹⁷ Proposed Depth 5365	¹⁸ Formation SAN ANDRES	¹⁹ Contractor	²⁰ Spud Date 01/01/2015
Depth to Ground water 22'		Distance from nearest fresh water well 0.4 MILES		Distance to nearest surface water 4.75 MILES

☒ We will be using a closed-loop system in lieu of lined pits

²¹ Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
J-55	12.25	8.625	24#	1435	640	Surface-In Place
N-80	7.875	5.5	17#	7240	1490	Surface-In Place

Casing/Cement Program: Additional Comments

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²² Proposed Blowout Prevention Program

Type Double/ Manual	Working Pressure 3000	Test Pressure 3000	Schaffer/Townsend
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E-PERMITTING - - New Well _____
 Comp _____ P&A _____ TA _____
 CSNG _____ Loc Chng _____
 ReComp **ENTRY** Add New Well _____
 Canc'l Well _____ Create Pool _____

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

I further certify that I have complied with 19.15.14.9 (A) NMAC ☐ and/or 19.15.14.9 (B) NMAC ☐, if applicable.

Signature:

Billy E. Prichard

Printed name: **Billy E. Prichard**

Title: **Agent for Cart Hill Energy**

E-mail Address: **billy@pwillc.net**

Date: **9/30/14**

Phone: **432-934-7680**

OIL CONSERVATION DIVISION

Approved By:

[Signature]

Title: **Petroleum Engineer**

Approved Date: **10/07/14**

Expiration Date: **10/07/16**

Conditions of Approval Attached

OCT 09 2014

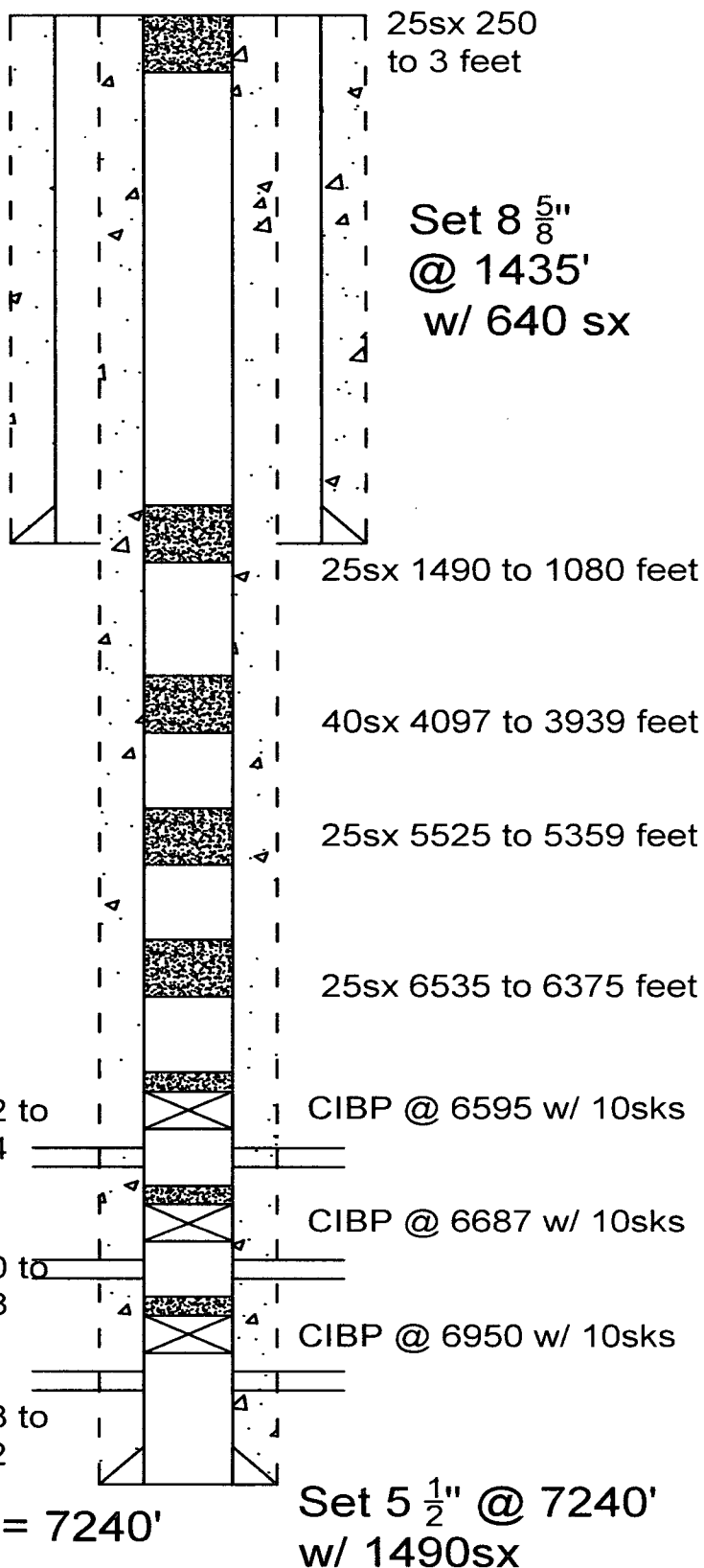
API	Well Name	Type
30-025-36432	SHELLEY 34 STATE #003	Oil

Location	Status	Lease
B 34 19S 37E (990 FNL, 1700 FEL)	Expired Temporary Abandonment	State

Current Operator	Depth (ft)	Spud Date
[162683] CIMAREX ENERGY CO. OF COLORADO	7240	10/29/03

Producing Formation	

Rustler (T Salt)	1413
Tansill	2611
T Yates	2788
T 7 Rivers	3013
T Queen	3518
T Penrose	
T Grayburg	3835
T San Andres	4010
T Glorietta	5365
T Paddock	5475
T Blinebry	5810
T Tubb	6497
T Drinkard	6790
T Abo	7147



Casing Size	WPF	Hole	Setting Depth	Sks Cmt	TOC	Method TOC Det.
8 5/8	24	12 1/4	1435	640	Surf	Circ 80 sks
5 1/2	17	7 7/8	7240	1490	Surf	Circ 10 sks

SHELLEY 34 STATE #003
Wellbore Configuration After SWD Completion

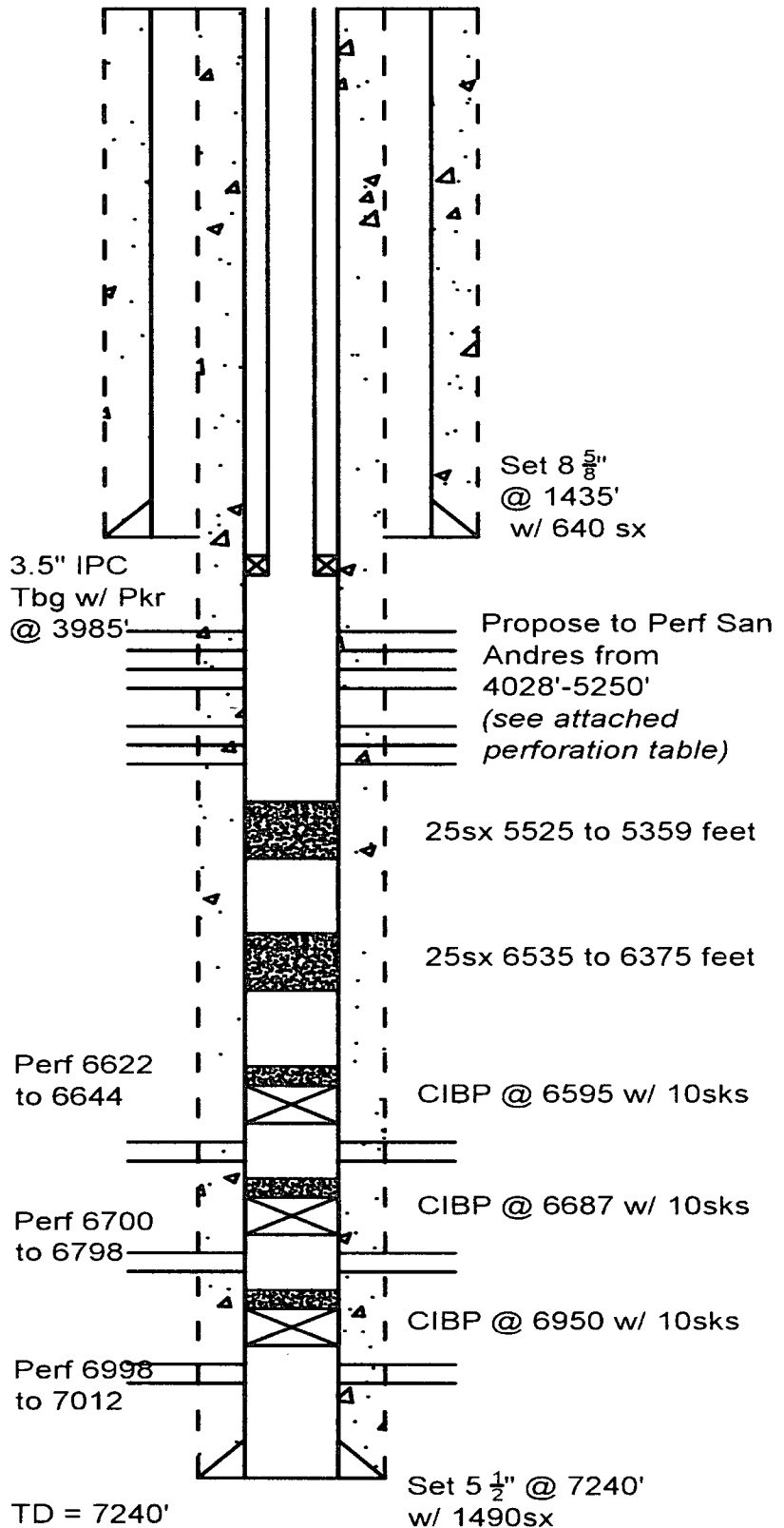
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Producing Formation	San Andres (SWD)
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T Tubb	6497
T Drinkard	6790
T Abo	7147



Casing Size	WPF	Hole	Setting Depth	Sks Cmt	TOC	Method TOC Det.
8 $\frac{5}{8}$	24	12 $\frac{1}{4}$	1435	640	Surf	Circ 80 sks
5 $\frac{1}{2}$	17	7 $\frac{7}{8}$	7240	1490	Surf	Circ 10 sks