

Submit To Appropriate District Office Two Copies Oil Conservation State of New Mexico District I ARTESTA DISTRICT Energy, Minerals and Natural Resources 1625 N. French Dr., Hobbs, NM 88240 District II OCT 31 2014 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 RECEIVED Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505						Form C-105 Revised August 1, 2011					
1. WELL API NO.: 30-015-39214						2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN					
3. State Oil & Gas Lease No.						5. Lease Name or Unit Agreement Name WEST SHUGART 32 STATE COM					
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)						6. Well Number: 2H					
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER						9. OGRID 4378					
8. Name of Operator CHI OPERATING, INC.						11. Pool name or Wildcat HACKBERRY, BONE SPRING, NORTH					
10. Address of Operator P.O. BOX 1799 MIDLAND, TX 79701											
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County	
Surface:	C	32	18S	31E		330	N	2110	W	EDDY	
BH:	N	32	18S	31E		330	S	1980	W	EDDY	
13. Date Spudded 3/7/13	14. Date T.D. Reached 4/3/13	15. Date Rig Released 4/8/13		16. Date Completed (Ready to Produce) 7-1-13			17. Elevations (DF and RKB, RT, GR, etc.) 3572				
18. Total Measured Depth of Well 13,174'		19. Plug Back Measured Depth 13,077'		20. Was Directional Survey Made? Yes			21. Type Electric and Other Logs Run				
22. Producing Interval(s), of this completion - Top, Bottom, Name 9041-13,025' BONE SPRING											
23. CASING RECORD (Report all strings set in well)											
CASING SIZE	WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED		
13.375	J55/48		588'		17.5		620 sx C				
9.625	J55/36		2045'		12.25		710 sx C				
4.5	J55/110		13,174'		6.125		0				
24. LINER RECORD											
SIZE	TOP	BOTTOM	SACKS CEMENT		SCREEN		25. TUBING RECORD				
							SIZE 2 3/8		DEPTH SET 13,000		
26. Perforation record (interval, size, and number) 9041-13,025'						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
						DEPTH INTERVAL					
						AMOUNT AND KIND MATERIAL USED					
						9041-13,025'					
						See attached					
28. PRODUCTION											
Date First Production 7-1-13		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Prod					
Date of Test 7-4-13	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 268	Gas - MCF 160	Water - Bbl. 194	Gas - Oil Ratio				
Flow Tubing Press.	Casing Pressure 330	Calculated 24-Hour Rate	Oil - Bbl. 268	Gas - MCF 160	Water - Bbl. 194	Oil Gravity - API - (Corr.)					
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold						30. Test Witnessed By					
31. List Attachments											
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.											
33. If an on-site burial was used at the well, report the exact location of the on-site burial:											
Latitude Longitude NAD 1927 1983											
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief											
Signature <i>Pam Carbutt</i>		Printed Name <i>Pam Carbutt</i>		Title <i>Reg. Clerk</i>		Date <i>4/8/14</i>					
E-mail Address <i>Pamc@chienergyinc.com</i>						<i>Revt 10/21/14</i>					

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates 2235	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen 3100	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzie
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinbry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand 4050	T. Morrison	
T. Drinkard	T. Bone Springs 6130	T. Todilto	
T. Abo	T. 2Bone Springs 8530	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to..... No. 3, from.....to.....
No. 2, from.....to..... No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
No. 2, from.....to.....feet.....
No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
------	----	----------------------	-----------	------	----	----------------------	-----------



Chi Energy Frac-Point 30 Stage Space Out

WEST SHUGART ST COM #2H



Casing Information		
7" 29# P-110		
Burst=	11,220	psi
Collapse=	8,530	psi
Capacity=	0.03715	bbls/ft

Liner Information		
4 1/2" 11.6# P-110		
Burst=	10,690	psi
Collapse=	7,580	psi
Capacity=	0.01554	bbls/ft

S-3 Liner Top Packer
7,814.81

Displacement (BBLs)	
3.750" EX	310.26
3.625" EX	311.99
3.500" EX-C	314.40
3.438" EX-C	316.82
3.375" EX-C	319.24
3.313" EX-C	320.97
3.250" EX-C	322.69
3.188" EX-C	324.42
3.125" EX-C	326.84
3.063" EX-C	329.25
3.000" EX-C	330.98
2.939" EX-C	333.39
2.875" EX-C	335.76
2.813" EX-C	338.18
2.750" EX-C	339.91

Displacement (BBLs)	
2.688" EX-C	342.33
2.625" EX-C	344.05
2.563" EX-C	345.78
2.500" EX-C	348.19
2.438" EX-C	350.61
2.375" EX-C	352.34
2.313" EX-C	354.75
2.250" EX-C	356.49
2.188" EX-C	358.90
2.125" EX-C	361.27
2.000" EX	363.00
1.875" EX	364.72
1.750" EX	366.45
1.625" EX	369.56
P-Sleeve	371.29

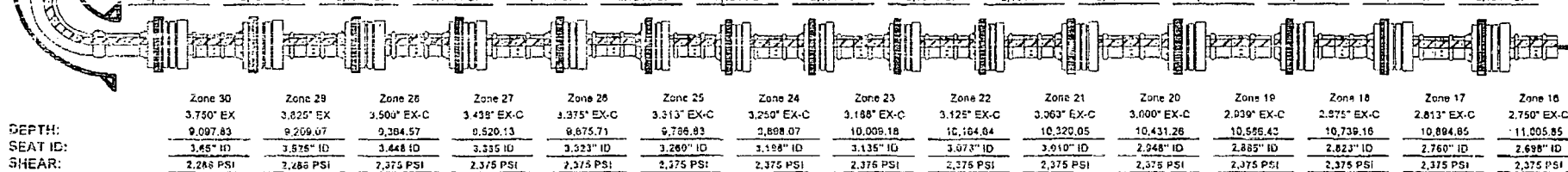
Length of Zone (ft)					
Zone 1	205.32	Zone 11	155.55	Zone 21	111.19
Zone 2	155.55	Zone 12	155.55	Zone 22	155.44
Zone 3	155.60	Zone 13	110.76	Zone 23	155.44
Zone 4	111.23	Zone 14	111.13	Zone 24	111.17
Zone 5	111.17	Zone 15	155.53	Zone 25	111.22
Zone 6	155.58	Zone 16	111.18	Zone 26	155.52
Zone 7	152.48	Zone 17	155.58	Zone 27	111.22
Zone 8	111.14	Zone 18	108.32	Zone 28	155.51
Zone 9	155.49	Zone 19	155.60	Zone 29	155.55
Zone 10	111.18	Zone 20	155.11	Zone 30	111.20

Component	OD	ID	dim
Liner Top Pkr	5.875	3.900	in
OH Packer	5.820	3.875	in
Sleeves	5.750	Ball Seat	in

7" Casing Shoe
9,016.00

NOTE: SLEEVE SIZE REFERS TO BALL OD TO SHIFT OPEN

Packer #30	Packer #29	Packer #28	Packer #27	Packer #26	Packer #25	Packer #24	Packer #23	Packer #22	Packer #21	Packer #20	Packer #19	Packer #18	Packer #17	Packer #16
9,041.50	9,152.70	9,308.25	9,483.76	9,574.96	9,730.50	9,841.72	9,952.89	10,108.33	10,263.77	10,374.96	10,530.07	10,685.67	10,793.99	10,949.57
2,154 PSI	2,154 PSI	2,154 PSI	2,154 PSI	2,154 PSI	2,154 PSI	2,154 PSI	2,154 PSI	2,154 PSI	2,154 PSI	2,154 PSI	2,154 PSI	2,154 PSI	2,154 PSI	2,154 PSI



Packer #15	Packer #14	Packer #13	Packer #12	Packer #11	Packer #10	Packer #9	Packer #8	Packer #7	Packer #6	Packer #5	Packer #4	Packer #3	Packer #2	Packer #1	Float Shoe
11,060.75	11,216.26	11,327.41	11,438.17	11,503.72	11,749.28	11,890.46	12,015.95	12,127.09	12,278.57	12,435.12	12,549.30	12,657.53	12,813.13	12,968.68	13,077.07
2,164 PSI	2,154 PSI	2,154 PSI	2,154 PSI	2,154 PSI	2,154 PSI	2,154 PSI	2,154 PSI	2,154 PSI	2,154 PSI	2,154 PSI	2,164 PSI	2,154 PSI	2,154 PSI	2,154 PSI	
Zone 15	Zone 14	Zone 13	Zone 12	Zone 11	Zone 10	Zone 9	Zone 8	Zone 7	Zone 6	Zone 5	Zone 4	Zone 3	Zone 2	Zone 1	
2.800" EX-C	2.625" EX-C	2.593" EX-C	2.500" EX-C	2.435" EX-C	2.375" EX-C	2.313" EX-C	2.250" EX-C	2.188" EX-C	2.125" EX-C	2.000" EX	1.875" EX	1.750" EX	1.625" EX	P-Sleeve	WIV
11,191.43	11,272.55	11,333.34	11,534.42	11,604.37	11,805.84	11,861.12	12,072.00	12,227.78	12,380.25	12,491.45	12,602.69	12,713.80	12,813.82	13,025.65	13,074.00
2,635" ID	2,573" ID	2,510" ID	2,448" ID	2,385" ID	2,323" ID	2,261" ID	2,198" ID	2,136" ID	2,073" ID	1,90" ID	1,775" ID	1,65" ID	1,525" ID	4,025 PSI	1,000" ID
2,375 PSI	2,375 PSI	2,375 PSI	2,375 PSI	2,375 PSI	2,375 PSI	2,375 PSI	2,375 PSI	2,375 PSI	2,375 PSI	2,296 PSI	2,286 PSI	2,286 PSI	2,286 PSI		1,088 PSI