

+ Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 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	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	Form C-105 Revised August 1, 2011 1. WELL API NO. 30-015-23618 2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN 3. State Oil & Gas Lease No. ST 647 TR-3								
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
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)		5. Lease Name or Unit Agreement Name COWTOWN LOYD 6. Well Number: 001 SWD-1372								
7. Type of Completion: ☐ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☒ OTHER - CONVERT TO SALT WATER DISPOSAL										
8. Name of Operator RAY WESTALL OPERATING, INC.		9. OGRID 119305								
10. Address of Operator P.O. BOX 4, LOCO HILLS, NM 88255		11. Pool name or Wildcat SWD; WOLFCAMP, CISCO & CANYON (96136)								
12. Location	Unit Ltr 1	Section 14	Township 18S	Range 28E	Lot	Feet from the 1830	N/S Line SOUTH	Feet from the 510	E/W Line EAST	County EDDY
Surface: ↖										
BH:										
13. Date Spudded	14. Date T.D. Reached	15. Date Rig Released		16. Date Completed (Ready to Produce) 3/26/2013 - READY FOR DISPOSAL			17. Elevations (DF and RKB, RT, GR, etc.)			
18. Total Measured Depth of Well 9897'		19. Plug Back Measured Depth 9564'		20. Was Directional Survey Made?			21. Type Electric and Other Logs Run			
22. Producing Interval(s), of this completion - Top, Bottom, Name										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13 3/8"		48#		321'		17 1/2"		325 SXS		0
9 5/8"		32#		3102'		12 1/4"		635 SXS		0
5 1/2"		17#		9897'		8 3/4"		760 SXS		0
24. LINER RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		25. TUBING RECORD				
						SIZE	DEPTH SET	PACKER SET		
						2 7/8"	8433'	8443'		
26. Perforation record (interval, size, and number)										
9504-13' 36 HOLES 4 shots per foot 9318-28' 40 HOLES 9092-9101' 36 HOLES CIBP @ 9564' 8840-49' 36 HOLES 8806-12' 24 HOLES 8694-8700' 24 HOLES 8511-15' 16 HOLES										
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.										
DEPTH INTERVAL						AMOUNT AND KIND MATERIAL USED				
8511'-9513'						66,000 GALS 15% NEFE ACID				
28. PRODUCTION										
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)				
						RECEIVED APR 19 2013 NMOCD ARTESIA				
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.)							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

Rene Hope

Printed

Name Rene Hope

Title: Bookkeeper

Date: 03/27/13

E-mail Address

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	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	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 Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T.	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
------	----	----------------------	-----------	------	----	----------------------	-----------

Cowtown Loyd #1

Form C-103

C.I.B.P. ~~8672~~ & Cont. @ 9564' new P.B.T.D.

2-5-13

R.V. Pulling Unit - Unset T.A.C. - C.O.O.H. w/276 Jts Tbg. G.I.H. w/ Bit & Lsg. Scraper. S.D.F.N.

2-6-13

Tag C.I.B.P. @ 8672'. C.O.O.H. G.I.H. w/ RBA and Packer to 8430'. Test Tbg and Annulus to 500 psi. Hel & O.K. C.O.O.H.

2-7-13

G.I.H. w/4 3/4" Bit, Drill Collars and Tbg to Drill out C.I.B.P. @ 8672', Drilled out. Cont. I.H. to Drill C.I.B.P. @ 9014'.

2-8-13

Finish Drlg C.I.B.P., Cont. I.H. w/ Tbg. Tag solid @ 9564' (new P.B.T.D.), C.O.O.H. R.V. Perforate Port Well - 4 shots per foot from 9504-13 (36 holes), 9318-28 (40 holes), ⁹⁰⁹²~~8892~~-9101 (36 holes), 8840-49 (36 holes), 8806-12 (24 holes), 8694-8700 (24 holes), 8511-¹⁵~~15~~ (16 holes), R.D. Perforators. S.D.F.N.

45-
per foot

2-9-13

G.I.H. w/ Tbg and Packer. Set. PKr. @ 8436' S.D.

2-11-13

R.V. Elite Well Services to acidize ports 8511-9513. (20000 gal. 15% HCL NEFE)
Avg. Rate 3.0 BPM @ Avg psi 4200#. I.S.D.P. 320 psi. S.D. Flow well Back to Tank.

2-12-13

C.O.O.H. w/ Tbg and PKr. G.I.H. w/ RBP, PKr and Tbg. To isolate individual zones in 5 stages.

2-13-13

Treat each stage w/ 4000 gal. 15% HCL NEFE acid. Acidize first 2 stages - had PKr failure. C.O.O.H.

2

2-14-13 G.I.H. w/new PKr & Tbg - Isolate 3 ~~remaini~~ remaini sets of Perfs, w/4000gal 15% NEFE HCL acid on each stage. S.D.F.A.

2-15-13 flow well down - R.V. Kill Truck., move R.B.P. to 9560', PKr to 8406' - Pump on well to Est. Inj. Rate, .75-1.0 BPM @ max pressure of 1650 psi. pump 100 Bbl. $\downarrow$ w into well. S.D.F.A.

18

2-18-13 Lay down 2 $\frac{3}{8}$ " Tbg. Flange up well head. S.D. to evaluate. R.D. A.V.

3-15-13 R.V. Pulling Unit - G.I.H. w/ RBP, PKr and Tbg. set RBP @ 9449', PKr @ 9016'. S.D.

3-18-13 R.V. Elite well Service to Acidize Perfs 9086' 9328' acidize w/6000gal 20% NEFE acid, 29,000gal gelled 20% HCL acid. Avg. rate 5.0 BPM @ Avg pressure 4800#. I.S.D.P. 4653 psi. Shut Well in - S.D.

3-19-13 Flow well back to Tank. S.D. left well open to Flow back.

3-20-13 Well was dead. L.O.O.H. w/ 2 $\frac{7}{8}$ " work string. Laying down. S.D. F.A.

3-21-13

G.I. H. w/ Arrow set Inj. Pkr, Profile Nipple,
On/Off tool and 2 7/8" Salt-Lined Tbg. set Pkr
@ ~~8443~~ ⁸⁴⁴³ Circulate well w/ 2% KCL water and
Packer fluid. set Pkr w/ 15,000# compression.
Flange up well head. R.D.P.U. notified
O.C.D. Artesia that we are ready to
perform M.F.T. on 3-26-13.

3-26-13.

Perform M.F.T. on annulus, witnessed by
Richard Inge. w/ O.C.D. Test held. approved
by Mr. Inge. Ready to start Inj.
Building Tank Btry.

FAX: 505-392-7112



DATE: 3/21/2013

S	TS	R
COUNTY	STATE	Eddy, NM

CASING	SIZE	WEIGHT	GRADE	DEPTH	TOC
SURFACE					
INTER.					
PROD.	5 1/2				
LINER					
TUBING	SIZE	WEIGHT	GRADE	THREADS	NO. JTS.
PROD.	2 7/8		J-55	8rd	267

KB: 12
PBTD:
TD:
DV:

Top 8510
Bottom 4

[illegible]

WORK PERFORMED: