



Schematic - Current

30-015-22650

Well Name CHK-TELEDYNE 18-1	Tool Joint TELEDYNE 18	Field Name LAGUANA SALADO FIELD (ATOKA/MORROW)	Business Unit Mid-Continent
Ground Elevation (ft)	Original RKS (ft)	Current RKS Elevation	Mud Line Elevation (ft)

Wellbore Name Original Hole	Directional Type Vertical	Wellbore ID 300152265000	Wellbore Code EQ3246-00
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Original Hole, 12/1/2015 4:32:16 PM

MD (ftKB)	TVD (ftKB)	Incl. (°)	DLS DLS...	Vertical schematic (actual)	Formation
22.6				1-1; Casing Joints: 16; 23-423; 400.40	
422.9				1-2; Float Shoe: 16; 423-424; 1.00	
423.9					
424.2					
2,687.0				2-1; Casing Joints: 10 3/4; 10,050; 23-2,687; 2,684.40	
2,688.0				2-2; Float Shoe: 10 3/4; 2,687-2,688; 1.00	
3,100.1				3-1; Casing Joints: 7 5/8; 6,625; 23-11,405; 11,382.40	
11,104.0				1-1; Tubing: 2 3/8; 23-12,684; 12,661.40	
11,113.3				4-1; Liner Hanger: 5; 11,104-11,114; 10.00	
11,404.9					
11,405.8				3-2; Float Shoe: 7 5/8; 11,405-11,406; 1.00	
11,406.2					
11,599.1					
11,622.0				Perf: 11,599-11,622; 9/25/1985	
11,861.9					
11,879.9				Perf: 11,862-11,880; 4/10/1979	
11,903.9					
11,910.1				Perf: 11,904-11,910; 3/23/1983	
11,967.8					
11,978.0				Perf: 11,968-11,978; 3/23/1983	
12,134.8					
12,156.1				Perf: 12,135-12,158; 3/23/1983	
12,296.9				4-2; Casing Joints: 5; 11,114-13,323; 2,209.00	
12,312.0				Perf: 12,296-12,312; 3/23/1983	
12,684.1					
12,691.2				1-2; Packer: 2 3/8; 12,684-12,691; 7.40	
12,692.3				1-3; Seat Nipple: 2 3/8; 12,691-12,692; 1.00	
12,816.9					
12,830.1				Perf: 12,816-12,830; 1/11/1993	
13,324.1					
13,323.2					
13,324.1				4-3; Float Shoe: 5; 13,323-13,324; 1.00	



Schematic - P + A

Well Name CHKA TELEDYNE 18-1	Log Name TELEDYNE 18	Field Name LAGUANA SALADO FIELD (ATOKA MORROW)	Subsidiary Unit Mid-Continent
Ground Elevation (ft) Original RKB (ft) Current RKB Elevation	Wellbore UWI 300152265000		Wellbore CREA EQ3246-00
Wellbore Name Original Hole	Direction Type Vertical		

MD (ftKB)	TVD (ftKB)	Incl. (°)	DLS	Vertical schematic (actual)	Formation
22.6			DLS...		
422.9				1-1; Casing Joints; 16; 23-423; 400.40	
422.9				1-2; Float Shoe; 16; 423-424; 1.00	
424.2				<i>P/C 240SX 475-SURFACE</i>	
2,687.0				2-1; Casing Joints; 10 3/4; 10,050; 23-2,687; 2,664.40	
2,688.0				2-2; Float Shoe; 10 3/4; 2,687-2,688; 1.00	
3,100.1				<i>P/C 1253X 2,740-2,425 WOC/TAG</i>	
11,104.0				<i>50SX/ 10,020-9,820'</i>	
11,113.3				4-1; Liner Hanger; 5; 11,104-11,114; 10.00	
11,404.9					
11,425.8				3-2; Float Shoe; 7 5/8; 11,405-11,406; 1.00	
11,406.2					
11,599.1				<i>CIBP@ 11,550' w/ 75SX 11,550'-10,950'</i>	
11,622.0				Perf; 11,599-11,622; 9/25/1985	<i>WOC/TAG/TEST</i>
11,861.9					
11,879.9				Perf; 11,862-11,880; 4/10/1979	
11,903.9					
11,910.1				Perf; 11,904-11,910; 3/23/1983	
11,967.8					
11,976.0				Perf; 11,968-11,978; 3/23/1983	
12,134.8					
12,158.1				Perf; 12,135-12,158; 3/23/1983	
12,295.9				4-2; Casing Joints; 5; 11,114-13,323; 2,209.00	
12,312.0				Perf; 12,296-12,312; 3/23/1983	
12,534.1					
12,691.3					
12,692.3					
12,815.9					
12,820.1				Perf; 12,816-12,830; 1/11/1993	
13,324.1					
13,323.2				4-3; Float Shoe; 5; 13,323-13,324; 1.00	
13,324.1					

NEW MEXICO OIL CONSERVATION DIVISION
DISTRICT 2 OFFICE
811 S. FIRST STREET
ARTESIA, NM 88210
(575)748-1283

CONDITIONS OF APPROVAL FOR PLUGGING & ABANDONMENT

Operator: _____
Well Name & Number: _____
API #: _____

1. Produced water **will not** be used during any part of the plugging & abandonment operation.
2. Notify NMOCD Dist. 2 office at least 24 hrs before beginning work.
3. Closed Loop System is to be used for entire plugging operation. Upon completion, contents of steel pit are to be hauled to a permitted disposal location.
4. Trucking companies being used to haul oilfield waste fluids to a disposal – commercial or private – shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator, as well as the contractor, to verify that this permit is place prior to performing work. Drivers shall produce a copy upon request of NMOCD Field Inspectors.
5. A subsequent C-103 will serve as notification that the well bore has been plugged **ONLY**. A C-103 FINAL shall be filed before any bonding can be released on the well. Upon receipt of the Final, an inspection will be performed to verify that the location has been satisfactorily cleaned to NMOCD standards.
6. If work has not begun within 90 days of the approval of this procedure, an extension request must be filed, stating reason that well has not been plugged.
7. Every attempt must be made to clean the well bore out to below the perfs, before any plugs can be set, by whatever means possible.
8. **Cement Retainers may not be used.**
9. **Squeeze pressures are not to exceed 500 PSI, unless approval is given by NMOCD.**
10. **Plugs may be combined after consulting with and getting approval from NMOCD.**
11. **Minimum WOC time for tag plugs will be 4 Hrs.**
12. **19.15.7.16 : B.** In the case of a dry hole, a complete record of the well on form C-105 with the attachments listed in Subsection A of 19.15.7.16 NMAC shall accompany the notice of intention to plug the well, unless previously filed. The division shall not approve the plugging report or release the bond the operator has complied with 19.15.7.16 NMAC.

DATE: 12/7/15

APPROVED BY: AD

GUIDELINES FOR PLUGGING AND ABANDONMENT

DISTRICT II / ARTESIA

- All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater.
- Mud laden fluids must be placed between all cement plugs.
- Mud laden fluids must be mixed at 25 sacks of gel per 100 bbls of water.
- A cement plug is required to be set 50' below and 50' above all casing shoes and casing stub plugs. These plugs must be tagged.
- A CIBP with 35' of cement on top may be set in lieu of 100' cement plug.
- A plug as indicated above must be placed within 100' of top perforation. This plug must be tagged.
- Plugs set below and above salt zones must be tagged.
- No more than 2000' is to be allowed between cement plugs in open hole and no more than 3000' in cased hole.
- DV tools are required to have a 100' cement plug set 50' above and below the tool and must be tagged.
- Formations to be isolated with plugs placed at the top of each formation are:
 - Fusselman
 - Devonian
 - Morrow
 - Wolfcamp
 - Bone Spring
 - Delaware
 - Any Salt Section (Plug at top and bottom)
 - Abo
 - Glorieta
 - Yates (this plug is usually at base of salt section)
- If cement does not exist behind casing strings at recommended formation depths, the casing must be cut and pulled with plugs set at these depths or casing must be perforated and cement squeezed behind casing at the formation depths.
- In the R-111-P area (Potash Mine area) a solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts common to the section penetrated and in suitable proportions, but not more than a 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible (50' below and 50' above).