

Submit 1 Copy To Appropriate District 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  
  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-103  
Revised August 1, 2011

<div>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.)</div> <div>1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/></div> <div>2. Name of Operator DAVID H. ARRINGTON OIL &amp; GAS, INC.</div> <div>3. Address of Operator P.O. BOX 2071, MIDLAND, TEXAS 79702</div> <div>4. Well Location Unit Letter: M ; 330 feet from the SOUTH line and 330 feet from the WEST line Section 14 Township 17S Range 36E NMPM LEA County</div>		WELL API NO. 30-025-36906
		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
		6. State Oil & Gas Lease No.
		7. Lease Name or Unit Agreement Name MIRACLE NYMPH 14 STATE
8. Well Number 001		
9. OGRID Number 05898		
10. Pool name or Wildcat MIDWAY; BONESPRING		
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,835' - KB		

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

<div>NOTICE OF INTENTION TO:</div> <div>PERFORM REMEDIAL WORK <input type="checkbox"/> <del>PLUG AND ABANDON</del> <input checked="" type="checkbox"/></div> <div>TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/></div> <div>PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/></div> <div>DOWNHOLE COMMINGLE <input type="checkbox"/></div> <div>OTHER: <input type="checkbox"/></div>	<div>SUBSEQUENT REPORT OF:</div> <div>REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/></div> <div>COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/></div> <div>CASING/CEMENT JOB <input type="checkbox"/></div> <div>OTHER: <input type="checkbox"/></div>
---	---

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.

- 1) SET 4-1/2" CIBP @ 9,100'; CIRC. WELL W/ M.L.F.; PRES. TEST 4-1/2" CSG. TO 500#; PUMP 25 SXS. CMT. @ 9,100'-8,850'.
- 2) PUMP 25 SXS. CMT. @ 6,360'-6,200' (T/GLOR.); WOC X TAG TOC.
- 3) PERF. X ATTEMPT TO SQZ. 70 SXS. CMT. @ 5,322'-5,172' (9-5/8" CSG.SHOE); WOC X TAG TOC.
- 4) PERF. X ATTEMPT TO SQZ. 60 SXS. CMT. @ 3,395'-3,265' (T/YATES); WOC X TAG TOC.
- 5) PERF. X ATTEMPT TO SQZ. 45 SXS. CMT. @ 445'-345' (13-3/8" CSG.SHOE); WOC X TAG TOC.
- 6) PERF. X CIRC. TO SURF., FILLING ALL ANNULI, ~~25~~ SXS. CMT. @ ~~63~~ 3'. 150'-3' circ cement to surface
- 7) DIG OUT X CUT OFF WELLHEAD 3' B.G.L.; VERIFY CMT. TO SURF. ON ALL ANNULI; WELD ON STEEL PLATE TO CSGS. X INSTALL DRY HOLE MARKER.

DURING THIS PROCEDURE WE PLAN TO USE THE CLOSED-LOOP SYSTEM WITH A STEEL TANK AND HAUL CONTENTS TO THE REQUIRED DISPOSAL, PER OCD RULE 19.15.17.

4" diameter 4' tall Above Ground Marker

SEE ATTACHED CONDITIONS OF APPROVAL

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

SIGNATURE



TITLE: AGENT

Type or print name: DAVID A. EYLER

E-mail address: DEYLER@MILAGRO-RES.COM

DATE: 06/21/21

PHONE: 432.687.3033

For State Use Only

APPROVED BY: 

TITLE Compliance Officer A

DATE 7/19/21



# Miracle Nymph State 14-1H

Midway, Bone Spring

Lea County, NM

330' FSL

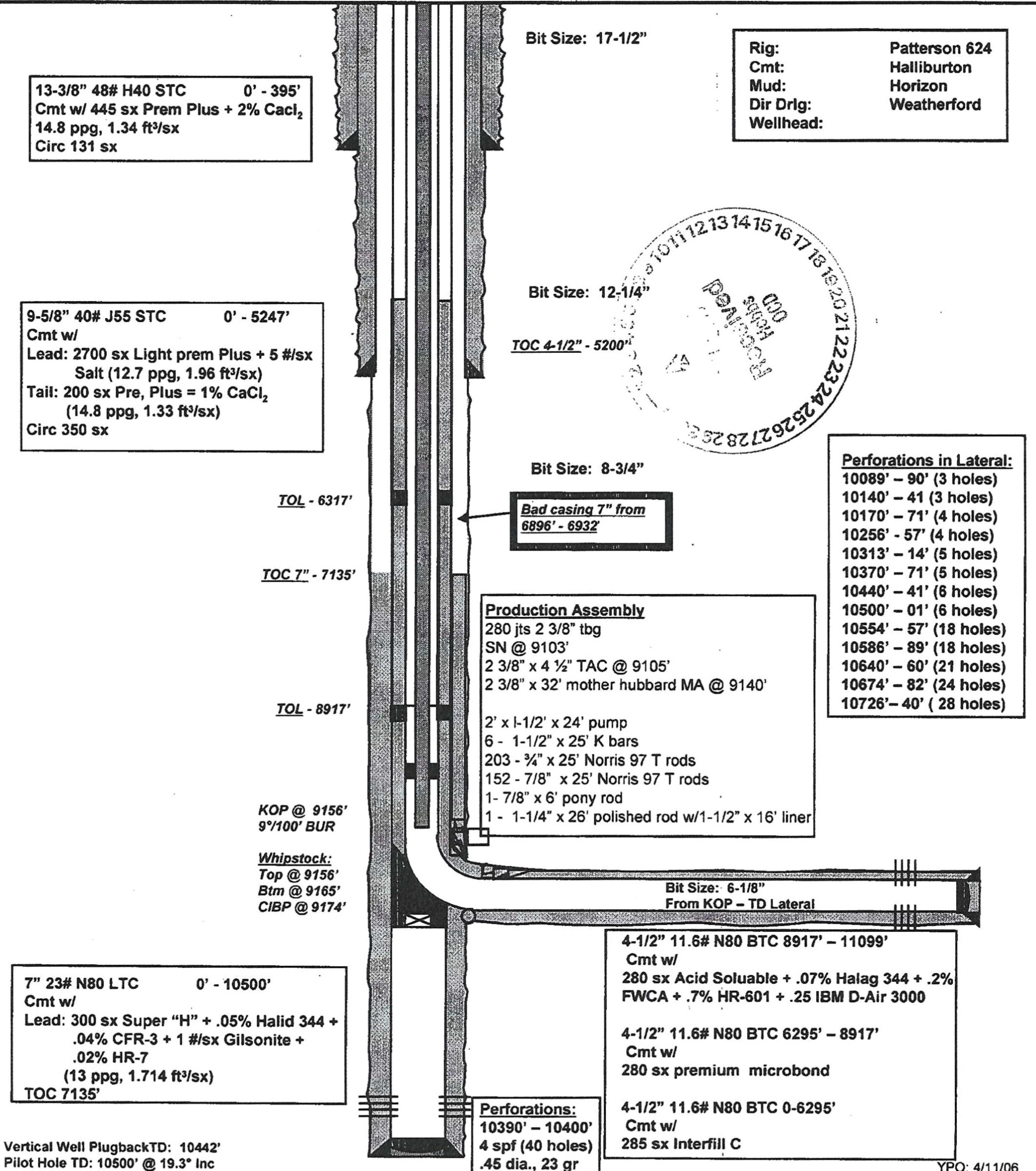
330' FWL

S14 -T17S-R36E

Current Wellbore

KB: 3855'

GL: 3842'



YPO: 4/11/06



PLUGGING & ABANDONMENT WORKSHEET (3 STRING CSNG)

30-025-36906

OPERATOR DAVID H. ARRINGTON OIL & GAS, INC.

LEASENAME MIRACLE NYMPH 14 STATE

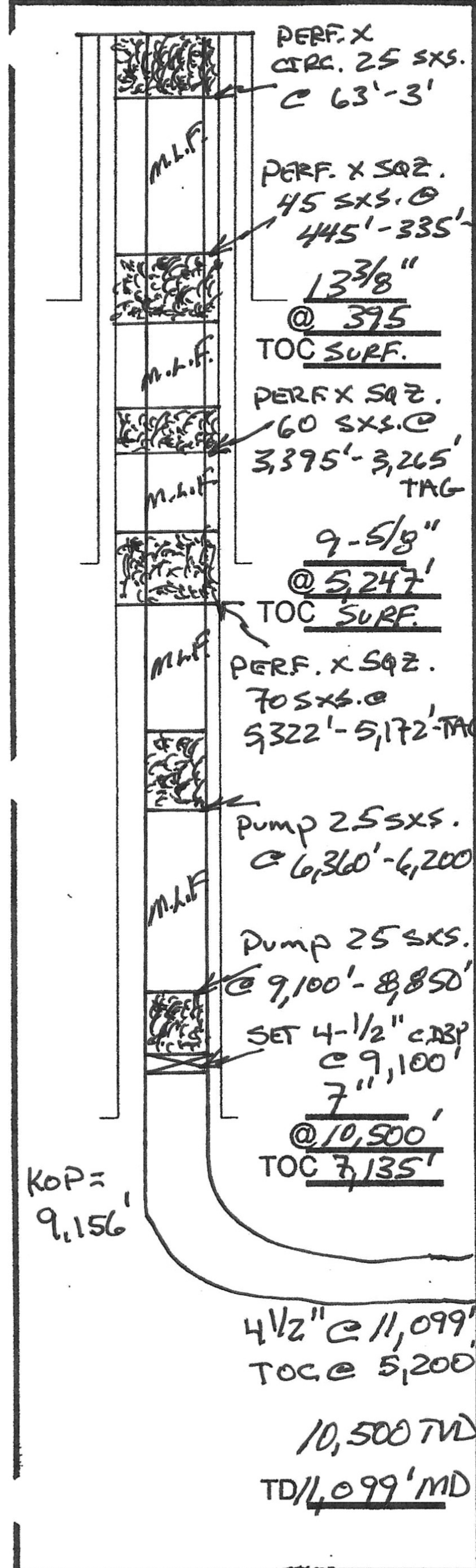
WELL # 001

SECT 14 TWN 17S RNG 36E

FROM 330 NSL 330 EWL

TD: 10,500' TVD FORMATION @ TD WACP.

PBTD: 10,442' TVD FORMATION @ PBTD



	SIZE	SET @	TOC	TOC DETERMINED BY	
SURFACE	13 3/8	395'	SURF.	CIRC.	
INTMED 1	9-5/8"	5,247'	SURF.	CIRC.	
INTMED 2	7"	10,500'	7135'		
PROD					
	SIZE	TOP	BOT	TOC	DETERMINED BY
LINER 1	4-1/2"	6295'	11,099'		
LINER 2	4-1/2"	0'	6,295'	5,200'	
	CUT & PULL @			TOP - BOTTOM	
INTMED 1			PERFS	-	
INTMED 2			OPENHOLE	-	
PROD					

\* REQUIRED PLUGS DISTRICT I

RUSTLER (ANHYD)	
YATES /T	3330'
QUEEN	
GRAYBURG	
SAN ANDRES /T	5120'
CAPTAN REEF	
DELAWARE	
BELL CANYON	
CHERRY CANYON	
BRUSHY CANYON	
BONE SPRING	9,425'
GLORIETA	6280'
BLINEBRY	
TUBB	
DRINKARD	7135'
ABO	
WC	10,210'
PENN	
STRAWN	
ATOKA	
MORROW	
MISS	
DEVONIAN	

PLUG	TYPE PLUG	SACKS CMNT	DEPTH
EXAMPLES			
PLUG #1	OH	25 SXS	9850'
PLUG #2	SHOE	50 SXS	8700'-8800'
PLUG #3	CIBP/35'		5300'
PLUG #3	CIBP	25 SXS	5300'
PLUG #4	STUB	50 SXS	4600'-4700'
PLUG #6	RETNR SQZ	200 SXS	400
PLUG #7	SURF	10 SXS	0-10'
PLUG #1	CIBP	25	9100'-8850'
PLUG #2	GLOR.	25	6360'-6200' -TAG
PLUG #3	SHOE	70	5322'-5172' -TAG
PLUG #4	YATES	60	3395'-3265' -TAG
PLUG #5	SHOE	45	445'-345' -TAG
PLUG #6	SURF.	25	63'-3'
PLUG #7			
PLUG #8			
PLUG #9			
PLUG #10			
PLUG #			
PLUG #			

DAE 06/21/21



**CONDITIONS OF APPROVAL  
FOR PLUGGING AND ABANDONMENT  
OCD - Southern District**

The following is a guide or checklist in preparation of a plugging program, this is not all inclusive and care must be exercised in establishing special plugging programs in unique and unusual cases, Notify NMOCD District Office I (Hobbs) at (575)-263-6633 at least 24 hours before beginning work. After MIRU rig will remain on well until it is plugged to surface. OCD is to be notified before rig down.

**Company representative will be on location during plugging procedures.**

1. A notice of intent to plug and abandon a wellbore is required to be approved before plugging operations are conducted. A cement evaluation tool is required in order to ensure isolation of producing formations, protection of water and correlative rights. A cement bond log or other accepted cement evaluation tool is to be provided to the division for evaluation if one has not been previously run or if the well did not have cement circulated to surface during the original casing cementing job or subsequent cementing jobs. Insure all bradenheads have been exposed, identified and valves are operational prior to rig up.
2. Closed loop system is to be used for entire plugging operation. Upon completion, contents of steel pits are to be hauled to a permitted disposal location.
3. 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 in place prior to performing work. Drivers shall be able to produce a copy upon request of an NMOCD Field inspector.
4. Filing a subsequent C-103 will serve as notification that the well has been plugged.
5. A final C-103 shall be filed (and a site inspection by NMOCD Inspector to determine if the location is satisfactorily cleaned, all equipment, electric poles and trash has been removed to Meet NMOCD standards) before bonding can be released.
6. If work has not begun within 1 Year of the approval of this procedure, an extension request must be file stating the reason the well has not been plugged.
7. Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.
8. Produced water will not be used during any part of the plugging operation.
9. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
10. All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater. 50' of calculated cement excess required for inside casing plugs and 100% calculated cement excess required on outside casing plugs.
11. Class 'C' cement will be used above 7500 feet.
12. Class 'H' cement will be used below 7500 feet.
13. A cement plug is required to be set 50' above and 50' below, casing stubs, DV tools, attempted casing cut offs, cement tops outside casing, salt sections and anywhere the casing is perforated, these plugs require a 4 hour WOC and then will be tagged
14. All Casing Shoes Will Be Perforated 50' below shoe depth and Attempted to be Squeezed, cement needs to be 50' above and 50' Below Casing Shoe inside the Production Casing.
16. When setting the top out cement plug in production, intermediate and surface casing, wellbores should remain full at least 30 minutes after plugs are set
17. A CIBP is to be set within 100' of production perforations, capped with 100' of cement, WOC 4 hours and tag.
18. A CIBP with 35' of cement may be used in lieu of the 100' plug if set with a bailer. This plug will be placed within 100' of the top perforation, (WOC 4 hrs and tag).

19. No more than 3000' is allowed between cement plugs in cased hole and 2000' in open hole.
20. Some of the Formations to be isolated with cement plugs are: These plugs to be set to isolate formation tops
- A) Fusselman
  - B) Devonian
  - C) Morrow
  - D) Wolfcamp
  - E) Bone Springs
  - F) Delaware
  - G) Any salt sections
  - H) Abo
  - I) Glorieta
  - J) Yates.
  - K) Potash---(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 that are common to the section penetrated and in suitable proportions, not more than 3% calcium chloride (by weight of cement) will be considered the desired mixture whenever possible, woe 4 hours and tag, this plug will be SO' below the bottom and 50' above the top of the Formation.

21. If cement does not exist behind casing strings at recommended formation depths, the casing can be cut and pulled with plugs set at recommended depths. If casing is not pulled, perforations will be shot and cement squeezed behind casing, woe and tagged. These plugs will be set SO' below formation bottom to 50' above formation top inside the casing.

### **DRY HOLE MARKER REQ.UIRMENTS**

The operator shall mark the exact location of the plugged and abandoned well with a steel marker not less than four inches in diameter, 3' below ground level with a plate of at least 1/4" welded to the top of the casing and the dry hole marker welded on the plate with the following information welded on the dry hole marker:

1. Operator name
2. Lease and Well Number
3. API Number
4. Unit letter
5. Quarter Section (feet from the North, South, East or West)
6. Section, Township and Range
7. Plugging Date
8. County

### **SPECIAL CASES -----AGRICULTURE OR PRARIE CHICKEN BREEDING AREAS**

In these areas, a below ground marker is required with all pertinent information mentioned above on a plate, set 3' below ground level, a picture of the plate will be supplied to NMOCD for record, the exact location of the marker (longitude and latitude by GPS) will be provided to NMOCD (We typically require a current survey to verify the GPS)

### **SITE REMEDIATION DUE WITHIN ONE YEAR OF WELL PLUGGING COMPLETION**



# Miracle Nymph State 14-1H

Midway, Bone Spring

Lea County, NM

330' FSL

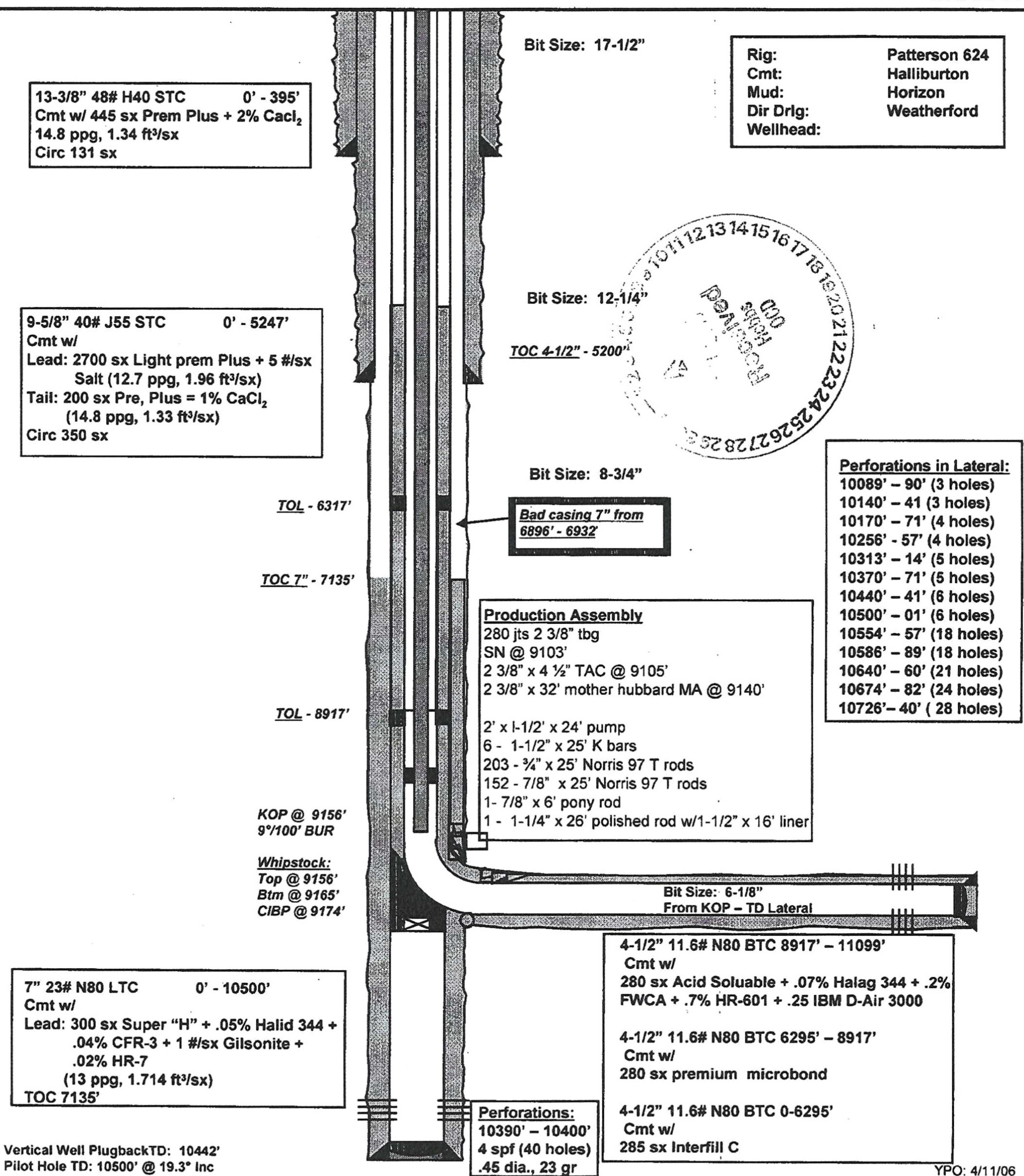
330' FWL

S14 -T17S-R36E

Current Wellbore

KB: 3855'

GL: 3842'





PLUGGING & ABANDONMENT WORKSHEET (3 STRING CSNG)

30-025-36906

OPERATOR DAVID H. ARRINGTON OIL & GAS, INC.

LEASENAME MIRACLE NYMPH 14 STATE

WELL # 001

SECT 14 TWN 17S RNG 36E

FROM 330 NSL 330 EWL

TD: 10,500' TVD FORMATION @ TD WACP.

PBTD: 10,442' TVD FORMATION @ PBTD

PERF. X  
CIRC. 25 SXS.  
C 63'-3'

PERF. X SQZ.  
45 SXS. @  
445'-335'-TAG

13 3/8"

@ 395

TOC SURF.

PERF. X SQZ.  
60 SXS. @  
3,395'-3,265'-TAG

9-5/8"

@ 5,247'

TOC SURF.

PERF. X SQZ.  
70 SXS. @  
5,322'-5,172'-TAG

Pump 25 SXS.  
C 6,360'-6,200'-TAG

Pump 25 SXS.  
C 9,100'-8,850'

SET 4-1/2" CIBP  
C 9,100'  
7"

@ 10,500'

TOC 7,135'

KOP =  
9,156'

4 1/2" @ 11,099'  
TOC @ 5,200'

10,500 TVD

TD/11,099' MD

	SIZE	SET @	TOC	TOC DETERMINED BY	
SURFACE	13 3/8"	395'	SURF.	CIRC.	
INTMED 1	9-5/8"	5,247'	SURF.	CIRC.	
INTMED 2	7"	10,500'	7135'		
PROD					
	SIZE	TOP	BOT	TOC	DETERMINED BY
LINER 1	4-1/2"	6295'	11,099'		
LINER 2	4-1/2"	0'	6,295'	5,200'	
CUT & PULL @			TOP - BOTTOM		
INTMED 1			PERFS	-	
INTMED 2			OPENHOLE	-	
PROD					

\* REQUIRED PLUGS DISTRICT I

RUSTLER (ANHYD)	
YATES /T	3330'
QUEEN	
GRAYBURG	
SAN ANDRES /T	5120'
CAPTAN REEF	
DELAWARE	
BELL CANYON	
CHERRY CANYON	
BRUSHY CANYON	
BONE SPRING	9,425'
GLORIETA	6280'
BLINEBRY	
TUBB	
DRINKARD	7135'
ABO	
WC	10,210'
PENN	
STRAWN	
ATOKA	
MORROW	
MISS	
DEVONIAN	

PLUG	TYPE	SACKS	DEPTH
PLUG	PLUG	CMNT	
EXAMPLES			
PLUG #1	OH	25 SXS	9850'
PLUG #2	SHOE	50 SXS	8700'-8800'
PLUG #3	CIBP/35'		5300'
PLUG #3	CIBP	25 SXS	5300'
PLUG #4	STUB	50 SXS	4600'-4700'
PLUG #6	RETNR SQZ	200 SXS	400
PLUG #7	SURF	10 SXS	0-10'
PLUG #1	CIBP	25	9100'-8850'
PLUG #2	GLOR.	25	6360'-6200'-TAG
PLUG #3	SHOE	70	5322'-5172'-TAG
PLUG #4	YATES	60	3395'-3265'-TAG
PLUG #5	SHOE	45	445'-345'-TAG
PLUG #6	SURF.	25	63'-3'
PLUG #7			
PLUG #8			
PLUG #9			
PLUG #10			
PLUG #			
PLUG #			

DAE 06/21/21



**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 Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 33097

CONDITIONS

Operator: DAVID H ARRINGTON OIL & GAS INC 500 W Wall St Midland, TX 79701	OGRID: 5898
	Action Number: 33097
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kfortner	See attached conditions of approval	7/19/2021