

Submit One Copy To Appropriate District Office  
 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

Form C-103  
 Revised November 3, 2011

OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

WELL API NO. 30-025-27579 31653
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. V-2397
7. Lease Name or Unit Agreement Name Dagger Lake State
8. Well Number 1
9. OGRID Number
10. Pool name or Wildcat Wildcat (Delaware)

**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.)

1. Type of Well:  Oil Well  Gas Well  Other

2. Name of Operator  
Advance Energy Partners Hat Mesa, LLC.

3. Address of Operator  
11490 Westheimer RD, Ste 950 Houston, TX 77077

4. Well Location  
Unit Letter Q : 330 feet from the South line and 1980 feet from the East line  
Section 5 Township 22S Range 33E NMPM Lea County

HOBBS OCD  
 MAR 15 2020  
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11. Elevation (Show whether DR, RKB, RT, GR, etc.)

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

<b>NOTICE OF INTENTION TO:</b> PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input checked="" type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/>		<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		<input checked="" type="checkbox"/> Location is ready for OCD inspection after P&A	

- SET CIBP @ 4,900' - CIRC. MLF - SPOT 25 SX CMT @ 4,900' - 4,750'
- SPOT 25 SX CMT @ 4,536' - 4,376' WOC & TAG
- SPOT 25 SX CMT @ 3,575' - 3,425' WOC & TAG
- PERF @ 1,315' SQZ 80 SX CMT FROM 1,315' - 1,080' WOC & TAG
- PERF @ 672' - SQZ 45 SX CMT FROM 672' - 522' WOC & TAG
- PERF @ 60' - SQZ 45 SX CMT FROM 60' TO SURFACE (VERIFY) P&S 150' CIRC TO SURF

SIGNATURE [Signature] TITLE Operations Supervisor DATE 3-5-20

TYPE OR PRINT NAME Johnny Rodriguez E-MAIL: jrdriguez@brigade.energy PHONE: (482) 248-2019  
 For State Use Only

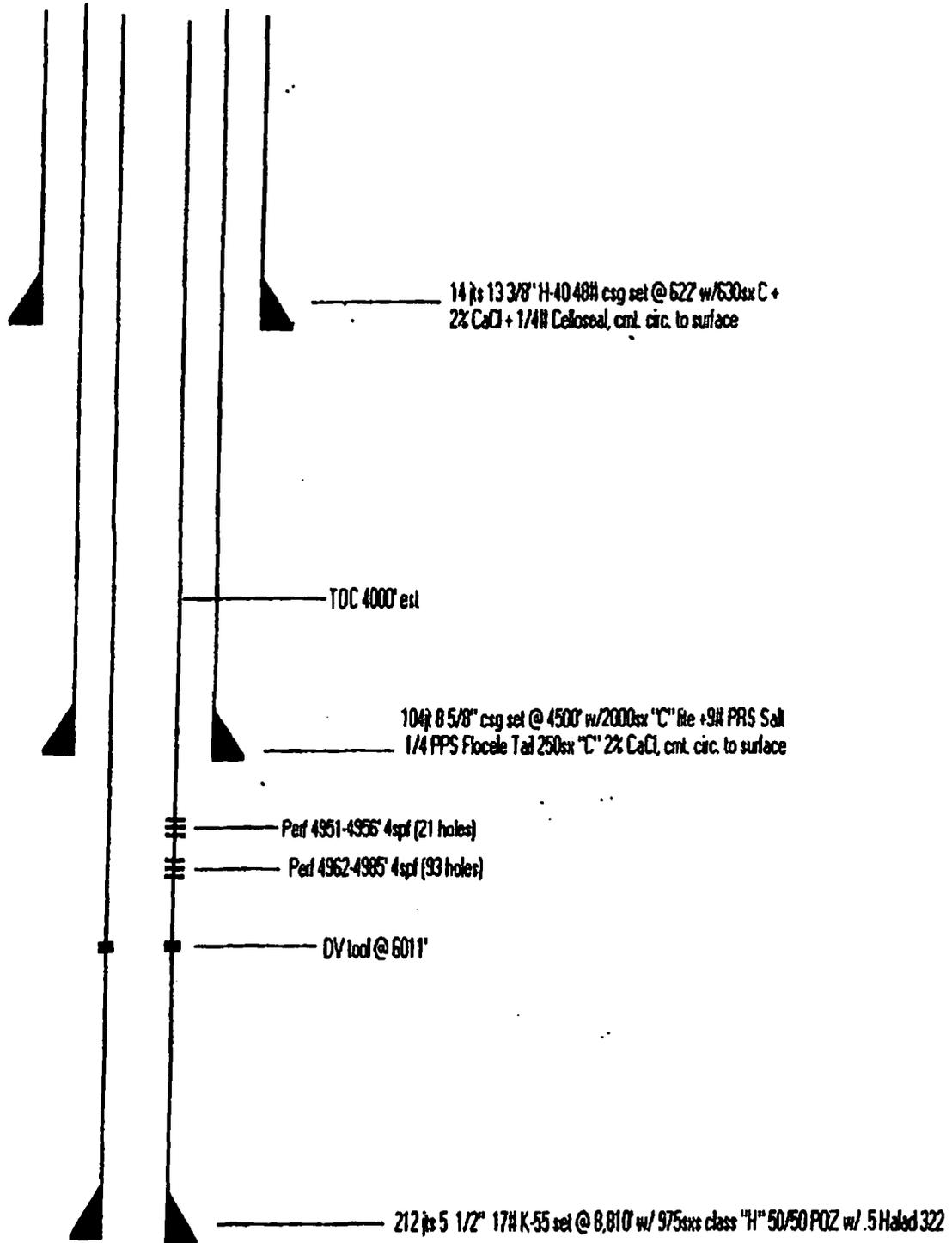
APPROVED BY: Kerry Jute TITLE CO A DATE 3-25-20

Conditions of Approval (if any):

**See Attached  
 Conditions of Approval**



<b>OPERATOR:</b> AMTEX ENERGY	<b>NAME OF LEASE:</b> Dagger Lake "5" State	<b>WELL:</b> No. 1
<b>LOCATION:</b> 330' FSL & 1980' FEL Sec. 6, T 22-S, R 33-E Lea County, New Mexico		



Submit to Appropriate District Office  
 State Leases - 6 copies  
 Fee Leases - 5 copies  
**DISTRICT I**  
 P.O. Box 1980, Hobbs, NM 88240

State of New Mexico  
 Energy, Minerals and Natural Resources Department

Form C-105  
 Revised 1-1-89

**OIL CONSERVATION DIVISION**  
 P.O. Box 2088  
 Santa Fe, New Mexico 87504-2088

**DISTRICT II**  
 P.O. Drawer DD, Artesia, NM 88210

**DISTRICT III**  
 1000 Rio Brazos Rd., Aztec, NM 87410

WELL AP NO. 30-025-31653
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/>
6. State Oil & Gas Lease No. V-2387

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____	7. Lease Name or Unit Agreement Name  DAGGER LAKE STATE
b. Type of Completion: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DUPP RESERVOIR <input type="checkbox"/> OTHER _____	
2. Name of Operator MERIDIAN OIL INC.	8. Well No. 1
3. Address of Operator P.O. Box 51810, Midland, TX 79710-1810	9. Pool name or Wildcat WILDCAT

4. Well Location  
 Unit Letter 0 : 330 Feet From The SOUTH Line and 1980 Feet From The EAST Line  
 Section 5 Township 22-S Range 33-E NMPM LEA County

10. Date Spudded 7-30-92	11. Date T.D. Reached 8-26-92	12. Date Compl. (Ready to Prod.) 8-29-92	13. Elevations (DF& RKB, RT, GR, etc.) 3646.8'GR	14. Elev. Casinghead
15. Total Depth 8810'	16. Plug Back T.D. 8763'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools O-TD	Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 4951-4985 DELAWARE				20. Was Directional Survey Made NO
21. Type Electric and Other Logs Run DLL/MSFL-CNL/LDT			22. Was Well Cored NO - ROTARY SIDEWALL CORES ONLY	

**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#	822'	17-1/2"	890SXS "C"	200SXS
8-5/8"	28#	4486'	12-1/4"	2250SXS "C"	300SXS
5-1/2"	17#	8810'	7-7/8"	1875SXS "H" 50-60POZ	TOC92580' - CBL

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-7/8"	5080'

26. Perforation record (interval, size, and number) 4951 - 4956', 4 SPF, 21 HOLES 4952 - 4985', 4 SPF, 93 HOLES	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED NONE
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**28. PRODUCTION**

Date First Production 9/2/92	Production Method (Flowing, gas lift, pumping - Size and type pump) 2-1/2"X2-1/4"X20' TGG. PUMP	Well Status (Prod. or Shut-in) PROD					
Date of Test 10/6/92	Hours Tested 24HRS	Choke Size	Prod's For Test Period	Oil - Bbl 120	Gas - MCF 120	Water - Bbl 380	Gas - Oil Ratio 1000/1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl	Oil Gravity - API - (Corr.) 42°	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
Vented Test Witnessed By

30. List Attachments  
C-103, C-104, inclination report, 2-sets of logs

31. 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 Maria L. Perez Printed Name MARIA PEREZ Title PROD. ASST. Date 10/21/92

# 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. It 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 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy 1130'	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt 1265'	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt 3525'	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand 4910'	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs 8745'	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingata _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn "A" _____	T. _____

### OIL OR GAS SANDS OR ZONES

No. 1, from ..... to .....  
 No. 2, from ..... to .....  
 No. 3, 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
0	1130	1130	RED BEDS				
1130	1265	135	ANHY.				
1265	3525	2260	SALT & ANHY.				
3525	4635	1110	ANHY.				
4635	4910	275	LIMESTONE & DOLOMITE				
4910	8745	3835	SANDSTONE				
8745	TD 8810	65'	LIMESTONE & SHALE				

RECEIVED  
 OCT 26 1997  
 OCD HOBBS

Submit 5 Copies  
Appropriate District Office  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-104  
Revised 1-1-89  
See Instructions  
at Bottom of Page

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT II  
P.O. Drawer DD, Aztec, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

REQUEST FOR ALLOWABLE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

I.

Operator <b>Meridian Oil Inc.</b>	Well APN No. <b>30-025-31653</b>
Address <b>P.O. Box 51810, Midland, Texas 79710</b>	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)	
New Well <input checked="" type="checkbox"/>	Change in Transporter of: <input type="checkbox"/> Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Recompletion <input type="checkbox"/>	Change in Operator <input type="checkbox"/>
Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>	
If change of operator give name and address of previous operator	
Requester test allowable of 2500 bbls. <b>CASINGHEAD GAS MUST NOT BE FLARED AFTER 12-1-92 UNLESS AN EXCEPTION TO R.4070 IS OBTAINED.</b>	

II. DESCRIPTION OF WELL AND LEASE

Lease Name <b>DAGGER LAKE STATE</b>	Well No. <b>1</b>	Pool Name, Including Formation <b>WILDCAT Delaware</b>	Kind of Lease (State) Federal or Pool <b>State</b>	Lease No. <b>V 2387</b>
Location Unit Letter <b>0</b> : <b>330</b> Feet From The <b>South</b> Line and <b>1980</b> Feet From The <b>East</b> Line Section <b>5</b> Township <b>22-S</b> Range <b>33-E</b> , <b>NMPM</b> , <b>Lea</b> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> <b>Pride Pipeline Limited Partnership</b>	Address (Give address to which approved copy of this form is to be sent) <b>Box 2436, Abilene, Texas 79604</b>
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/> <b>NONE - WILL FLARE UNTIL PIPELINE IS BUILT TO NEAREST GATHERING SYSTEM</b>	Address (Give address to which approved copy of this form is to be sent)
If well produces oil or liquids, give location of tanks.	Unit   Sec.   Twp.   Rgs.   Is gas actually connected?   When?
	<b>0   5   22-S   33-E   NO   To be Flared</b>
If this production is commingled with that from any other lease or pool, give commingling order number:	

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well <input checked="" type="checkbox"/>	Gas Well	New Well <input checked="" type="checkbox"/>	Workover	Deepen	Plug Back	Stems Res'v	Diff Res'v
Date Spudded <b>7/30/92</b>	Date Compl. Ready to Prod. <b>8/29/92</b>	Total Depth <b>8810'</b>	P.B.T.D. <b>8763'</b>					
Elevations (DF, RKB, RT, GR, etc.) <b>3646.8' GR</b>	Name of Producing Formation <b>Delaware</b>	Top Oil/Gas Pay <b>4950'</b>	Tubing Depth <b>5080'</b>					
Perforations <b>4951 - 4985'</b>			Depth Casing Shoe <b>8810'</b>					

TUBING, CASING AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
17-1/2	13-3/8"	622'	630 SXS - SURF
12-1/4"	8-5/8"	4486"	2100 SXS - SURF.
7-7/8"	5-1/2"	8810'	1675 SXS - TOC @ 2580' by CBL.

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tank <b>9/2/92</b>	Date of Test <b>10/6/92</b>	Producing Method (Flow, pump, gas lift, etc.) <b>2-1/2" X 2-1/4" X 20' TBG PUMP</b>
Length of Test <b>24 hrs</b>	Tubing Pressure	Casing Pressure
Actual Prod. During Test	Oil - Bbls. <b>120</b>	Water - Bbls. <b>380</b>
		Gas - MCF <b>120</b>

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature *Maria L. Perez*  
Printed Name **Maria L. Perez Prod. Asst.**  
Title  
Date **10-21-92** Telephone No. **915 688 6906**

OIL CONSERVATION DIVISION

OCT 26 '92

Date Approved \_\_\_\_\_  
By ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT I SUPERVISOR  
Title \_\_\_\_\_

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

**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**