

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

Form C-103  
 Revised July 18, 2013

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

WELL API NO. 30-025-20339
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 Vacuum Glorieta West Unit
8. Well Number 103H
9. OGRID Number 4323
10. Pool name or Wildcat Vacuum Glorieta San Andres
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3988

**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 INJECTION

2. Name of Operator  
Chevron USA INC

3. Address of Operator  
6301 Deauville BLVD, Midland, TX 79706

4. Well Location  
 Unit Letter M : 760 feet from the South line and 560 feet from the West line  
 Section            Township 17S Range 35E NMPM County Lea

**HOBBS OCD**  
 JUN 18 2020  
**RECEIVED**

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

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

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. 8-5/8" @ 1535 TOC Surface, 5-1/2" @ 6935' TOC 1600, CIBP @ 5624'

**Chevron USA INC respectfully request to abandon this well as follows:**

1. Call and notify NMOCD 24 hrs before operations begin.
2. MIRU single rig and pump truck. RIH and retrieve RBP @ 2512'
3. MIRU CTU, TIH and tag top of CMT on top of CIBP at 5829'.
4. Spot 195 sx CL "C" cmt f/ 5829't/ 3903', do not WOC & tag if casing passed a pressure test (perfs, Grayburg, San Andres)
5. Spot 100 sx of Class C CMT f/ 3190' t/ 2203' (Seven Rivers, Yates, Tansil).
6. Spot 30 sx f/ 1612't/ 1316' (Rustler, Shoe).
7. Spot 40 sx f/ 350't/ Surface' (WB)
8. Cut all casings & anchors & remove 3' below grade. Verify cement to surface & weld on dry hole marker as per, NMOCD requirements. Clean location.

**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 \_\_\_\_\_ DATE \_\_\_\_\_

Type or print name \_\_\_\_\_ E-mail address: \_\_\_\_\_ PHONE: \_\_\_\_\_

**For State Use Only**

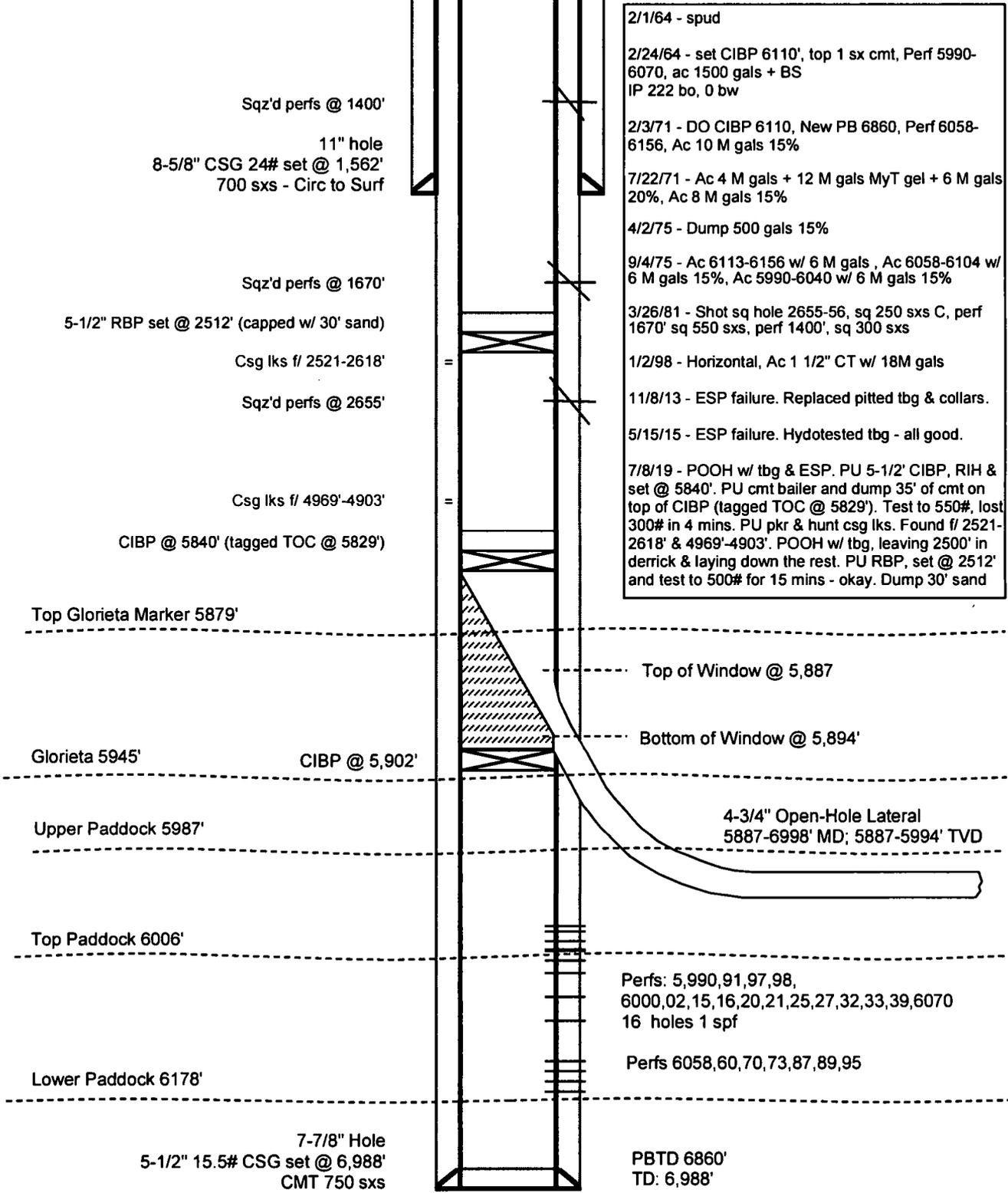
APPROVED BY: Kenny Jate TITLE COA DATE 6-18-20  
 Conditions of Approval (if any): \_\_\_\_\_

**VGWU #103H**  
**API No. 30-025-20339**  
**TA'd Oil Well**

**Well Location**

Spud Date = 2/1/64  
 Comp Date = 2/18/64  
 GL = 3988'  
 DF = 3994'

Unit M  
 580 FWL & 760 FSL  
 Sec 31, T17S, R35E  
 FB3825



2/1/64 - spud  
 2/24/64 - set CIBP 6110', top 1 sx cmt, Perf 5990-6070, ac 1500 gals + BS  
 IP 222 bo, 0 bw  
 2/3/71 - DO CIBP 6110, New PB 6860, Perf 6058-6156, Ac 10 M gals 15%  
 7/22/71 - Ac 4 M gals + 12 M gals MyT gel + 6 M gals 20%, Ac 8 M gals 15%  
 4/2/75 - Dump 500 gals 15%  
 9/4/75 - Ac 6113-6156 w/ 6 M gals , Ac 6058-6104 w/ 6 M gals 15%, Ac 5990-6040 w/ 6 M gals 15%  
 3/26/81 - Shot sq hole 2655-56, sq 250 sxs C, perf 1670' sq 550 sxs, perf 1400', sq 300 sxs  
 1/2/98 - Horizontal, Ac 1 1/2" CT w/ 18M gals  
 11/8/13 - ESP failure. Replaced pitted tbq & collars.  
 5/15/15 - ESP failure. Hydrottested tbq - all good.  
 7/8/19 - POOH w/ tbq & ESP. PU 5-1/2' CIBP, RIH & set @ 5840'. PU cmt bailer and dump 35' of cmt on top of CIBP (tagged TOC @ 5829'). Test to 550#, lost 300# in 4 mins. PU pkr & hunt csg lks. Found f/ 2521-2618' & 4969'-4903'. POOH w/ tbq, leaving 2500' in derrick & laying down the rest. PU RBP, set @ 2512' and test to 500# for 15 mins - okay. Dump 30' sand

Top Glorieta Marker 5879'

Top of Window @ 5,887'

Glorieta 5945'

CIBP @ 5,902'

Bottom of Window @ 5,894'

Upper Paddock 5987'

4-3/4" Open-Hole Lateral  
 5887-6998' MD; 5887-5994' TVD

Top Paddock 6006'

Perfs: 5,990,91,97,98,  
 6000,02,15,16,20,21,25,27,32,33,39,6070  
 16 holes 1 spf

Lower Paddock 6178'

Perfs 6058,60,70,73,87,89,95

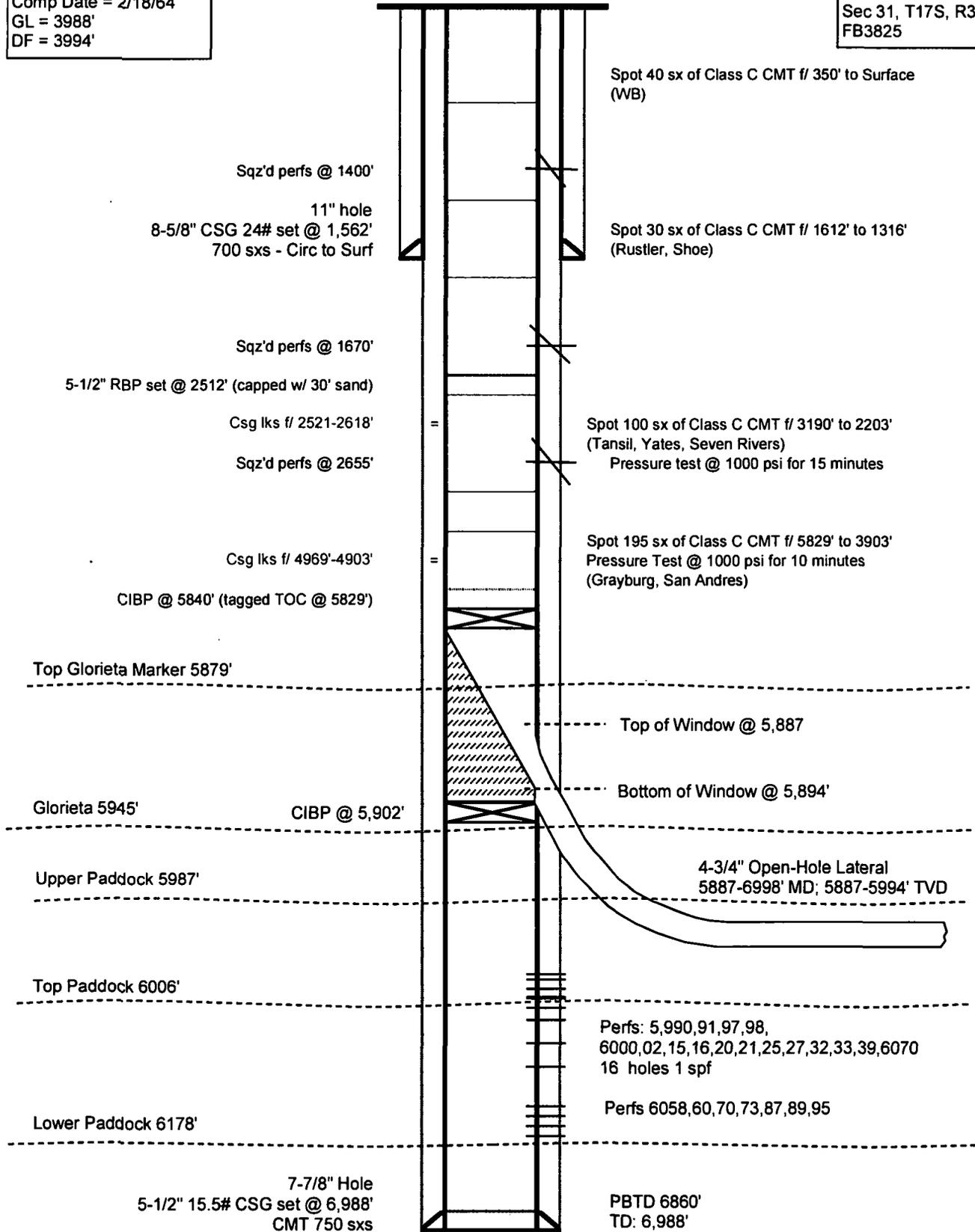
7-7/8" Hole  
 5-1/2" 15.5# CSG set @ 6,988'  
 CMT 750 sxs

PBTD 6860'  
 TD: 6,988'

**VGWU #103H**  
**API No. 30-025-20339**  
**TA'd Oil Well**

**Well Loc**  
 Unit M  
 580 FWL & 760 F:  
 Sec 31, T17S, R3:  
 FB3825

Spud Date = 2/1/64  
 Comp Date = 2/18/64  
 GL = 3988'  
 DF = 3994'



**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**