HOBBS, NEW-HERCO 822 Discrete Family No. 004-035     DEPARTMENT OF THE INTERIOR     BUREAU OF LAND MANAGEMENT     APPLICATION FOR PERMIT TO DRILL OR DEEPEN     Arrest and anticome and anticement of the second of the secon				ieverse side) =				
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Bill OF NOLE       GLOCE SEG OF CASHO       WEIGHT PER POOT       BITTING DEFTH       OCANTIFUT OF CEMENT         1712"       H-40       13-3/8       48       800'       720 sx circulate         12%"       K-55       8-5/8       32       4600'       1st stage 750 sx 2nd stage 540 st         7-7/8"       N-80       5½       17       800'       450 sx 50/50 Poz         1. Set 40' of 20" conductor cement to surface with Redimix.       . </td <td>23.</td> <td></td> <td></td> <td>ND CENENTING PROG</td> <td></td> <td>1 10-15-9-</td> <td><u> </u></td>	23.			ND CENENTING PROG		1 10-15-9-	<u> </u>	
17½"       H-40       13-3/8       48       800'       720 sx circulate         12½"       K-55       8-5/8       32       4600'       Hst stage 750 sx 2nd stage 540 sx         7-7/8"       N-80       5½       17       8800'       450 sx 50/50 Poz         1. Set 40' of 20" conductor cement to surface with Redimix.       2       Drill 17½" hole to 880' <sup>±</sup> . Run 880' of new 13-3/8 H-40 48# ST&C casing cement with 600 sx lite cement + 6% Gel, 2% CaCl. Tail in w/200 sx class "C" 2% CaCl. Circulate cement to surface.         3. Drill 12½" hole to 4600'. Run 4600' of new 8-5/8 K-55 32# LT&C. Cement 1st stage with 750 sx 15/85 POZ + 8% Gel, 2% CaCl. ½# Flocele/sx tail in with 200 sx Class "H" 2% CaCl ½# Flocele/sx. 2nd stage: 440 sx 15/85 POZ + additives, tail in with 100 sx Class "H" 2% CaCl. Circulate to surface.         4. Drill 7-7/8 hole to 8800'. Run 8800' of new 5½ 17# N-80 LT&C csg., cement with 700 sx of lite cement with additives. Tail in with 200 sx of class "H" cement. Verify top of cement with additives. Tail in with 200 sx of class "H" cas to 20' above intermediate csg. shoe.         NABOVE SPACE DESCHBE PROPOSED PROGRAM. If propral is to deepen give duit on procent must be at least 200' above intermediate csg. shoe.         NABOVE SPACE DESCHBE PROPOSED PROGRAM. If propral is to deepen give duit de primer data on suburface treations and measured and max verical deptile. Give blowout preventer program. if any.         NABOVE SPACE DESCHBE PROPOSED PROGRAM. If propral is to deepen give duit de tide to base rights in the subject lease which would entite the applicant to conduct operation		1		· · · · · · · · · · · · · · · · · · ·				
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<ul> <li>2. Drill 17½" hole to 8801<sup>±</sup>. Run 880' of new 13-3/8 H-40 48# ST&amp;C casing cement with 600 sx lite cement + 6% Gel, 2% CaCl. Tail in w/200 sx class "C" 2% CaCl. Circulate cement to surface.</li> <li>3. Drill 12½" hole to 4600'. Run 4600' of new 8-5/8 K-55 32# LT&amp;C. Cement lst stage with 750 sx 15/85 POZ + 8% Gel, 2% CaCl, ½# Flocele/sx tail in with 200 sx Class "H" 2% CaCl ½# Flocele/sx. 2nd stage: 440 sx 15/85 POZ + additives, tail in with 100 sx Class "H" 2% CaCl. Circulate to surface.</li> <li>4. Drill 7-7/8 hole to 8800'. Run 8800' of new 5½ 17# N-80 LT&amp;C csg., cement with 700 sx of lite cement with additives. Tail in with 200 sx of class "H" cement. Verify top of cement with temp or cement bond. Log top of cement must be at least 200' above intermediate csg. shoe.</li> </ul> NABOVE SPACE DESCHIBE PROPOSED PROGRAM. If proposal is to deepen, give data be preductive zone and proposed new productive zone. If proposal is to drill or repending year of the for Federal or Stage office use) PREVIT NO	7-7/8"			1	450 sx	450 sx 50/50 Poz		
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<ul> <li>3. Drill 12½" hole to 4600'. Run 4600' of new 8-5/8 K-55 32# LT&amp;C. Cement to surface. with 750 sx 15/85 POZ + 8% Gel, 2% CaCl, ½# Flocele/sx tail in with 200 sx Class "H" 2% CaCl ½# Flocele/sx. 2nd stage: 440 sx 15/85 POZ + additives, tail in with 100 sx Class "H" 2% CaCl. Circulate to surface.</li> <li>4. Drill 7-7/8 hole to 8800'. Run 8800' of new 5½ 17# N-80 LT&amp;C csg., cement with 700 sx of lite cement with additives. Tail in with 200sx of class "H" cement. Verify top of cement with temp or cement bond. Log top of cement must be at least 200' above intermediate csg. shoe.</li> </ul> NABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen give data on present program. if any. NABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen give data on present program. if any. ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen give data on present program. if any. ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen give data on present program. if any. ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen give data on present program. if any. ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen give data on present program. if any. ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen give data on present program. if any. ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen give data on present program. if any. ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen give data on present program. if any. ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen give data on present program. if any. ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen give data on present program. if any. ADD ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen give data on present program. if any. ADD ABOVE SPACE DATE ADD ABOVE THE AGENT DATE ADD ABOVE DATE ADD ABOVE DATE ADD ABOVE THE ADD ABOVE DATE ADD ABOVE DATE A	with 600 s	$1010 \pm 1000$ =.	Kun 880'of 6% Gel 2% C	new 13-3/8 H-4 201 Tail in W	40 48# ST /200 sv s	&C casing cem	ent	
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<ul> <li>2.4 CaCl %# Flocele/sx. 2nd stage: 440 sx 15/85 POZ + additives, tail in with 100 sx Class "H" 2% CaCl. Circulate to surface.</li> <li>4. Drill 7-7/8 hole to 8800'. Run 8800' of new 5½ 17# N-80 LT&amp;C csg., cement with 700 sx of lite cement with additives. Tail in with 200sx of class "H" cement. Verify top of cement with temp or cement bond. Log top of cement must be at least 200' above intermediate csg. shoe.</li> <li>N ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on prevent productive zone. If proposal is to drill or recept directionally, give prinent data on suburface togetions and measured and me verical depths. Give blowout preventer program, if any.</li> <li>N ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on proposed new productive zone. If proposal is to drill or recept directionally, give prinent data on suburface togetions and measured and me verical depths. Give blowout preventer program, if any.</li> <li>N ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on proposed new productive zone. If proposal is to drill or recepted directionally, give prinent data on suburface togetions and measured and me verical depths. Give blowout preventer program, if any.</li> <li>N ABOVE for Federal or Stage office use)</li> <li>PERMIT NO</li></ul>	with 750 s	15/85 PO7 + 8%	$\begin{array}{cccccccc} \text{KUD} & 46000 & \text{ot} \end{array}$	new $8-5/8$ K-55	5 32# LT&	C. Cement le	t etaco	
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Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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