ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION Form C-101 P. O. BOX 2088 erised 10-1-78 DISTRUCTION 789 SANTA FE. NEW MEXICO 87501 SANTA FE Indicute Type of Louse 11LC Bren X API # 30.059.20258 U.S.G.S. NOV 198 5. SIGUE DIL & Cus Louco No LAND DEFICE RECEIVE OPERATOR APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK PROD. DEPT. HORBS DIS . lype of wora Wigreement Nume DRILL X b. Type of Well DCDGU DEEPEN well Farm or Lease Name 1 CO2 -SINGLE X BDCDGU 2. Home of Operator Amoco Production Company 9. Well No. J. Address of Operator <u>183</u>6 161F P. O. Box 606, Clayton, New Mexico 88415 Bravo Dome CO2 Gas Unit 640 Acre Area 4. Location of Well UNIT LETTER F 1980 FEET FROM THE North-LOCATED 1980 CET FROM THE West 16 18N 36E 12. County : Union 19. Froposed Uspin 19A. Formution is. houry of 2900 1 F. Tubb allensionow whether Ur, h 1, elc. 1 Rotary 21A. Kind & Status Plug. Dond 218. Drilling Contractor -4397'GL 22. Approx. Date Work will start Blanket-on-file ... N/A 23. November 1984 PROPOSED CASING AND CEMENT PROGRAM SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT SIZE OF HOLE 12-1/4" 9-5/8 EST. TOP 32.30# 700' Circulate 8-3/4" 711 surface 15, 20# 2900' Tieback to 9-5/8" surface Propose to drill and equip well in the Tubb formation. After reaching TD logs will be run and evaluated. Perforate and stimulate as necessary in attempting commercial APPROVAL MALID FOR Mud Program: 0 - 700' Native Spud Mud 700 - TD KCL Salt Water Gel-Starch BOP Diagram attached. 0+5-NMOCD, SF 1-J. R. Barnettt, HOU Rm. 21.156 1-F. J. Nash, HOU Rm. 4.206 1-WF, C 1-WF, 1-Susp, 1-JSM, 1-Amerada 1-Amerigas 1-Cities Service 1-Conoco 1-CO2 in Action 1-Sun ROGRAM, IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PACSENT I information above is true and complete to the best of my knowledge and belief. Tule_Assist. Admin. Analyst Date Dhis space for State مندادته فيد and the second -30 ONDITIONS

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102 Supersedes C-128 Effective 1-1-65

Unit Letter Section Township Range County Actual Footage Location of Well: 1980 Range UNIION Actual Footage Location of Well: 1980 test from the NORTH 1980 test from the WEST Inne Ground Lyrel Elev. Producting Formation Producting Formation Pool Bravo Dome 640 Acre Area Dedicated Acre 1. Outline the acreage dedicated to the subject well by colored pencil or liachure marks on the plat below 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both e interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners h dated by communitization, unitization, force-pooling.etc? Unitization XX Yes No If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use rev this form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by sion. CERTIFICATI I hereby certify that the ir teined herein is true ond e best of my knowledge and best of	
Unit Letter Section Township Thema: Office Output Data Output Data Data <thdata< th=""> Data <thdata< th=""></thdata<></thdata<>	ο,
Berline Text Bank Procession County 1980 feet term tree WEST tree 1980 feet term tree WEST tree Count of Velit Proof Proof Brave Dome 540 Acre Area Generate Area Count of the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below 1. Outline the acreage dedicated to the well, outline each and identify the ownership thereof (both e interest and royality). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners be dated by communitization, unitization, force-pooling, etc? Immediate and royality). 3. If more than one lease of different owners and tract descriptions which have actually been consolidated. (Use rethis form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by sion. 1 State Tract State Tract 2 State Tract Immediate and production Created and there in the owner ship there and any any constrain, and is interestion and the store as plan and a subject. 1 State Tract Immediate and a subject. 1 State Tract Immediate and a subject. 1 State Tract Imme and a subject.	36 161F.
1980 NORTH Image and 1980 Image from the marked for the part of the p	
Producting Formation Tubb Proof Bravo Dome 640 Acre Area Dedicedee Acr (640) 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below End of the subject well by colored pencil or hachure marks on the plat below 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both a insterest and royalty). If more than one lease of different ownership is dedicated to the well, have the interests of all owners by dated by communitization, unitization, force-pooling, etc? IXI Yes No If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use rev this form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by sion. Value State Tract S-213 CERTIFICATI I hereby certify that the is mere of decinal survey and there of my knowledge and hear of my supervision, end is true and corners to the inscrete of end survey.	
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both a interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners b dated by communitization, unitization, force-pooling.etc? IXIN Yes No IVIN Yes If answer is "aci," list the owners and tract descriptions which have actually been consolidated. (Use revisitins form in eccessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by sion. Image: state of the state	eque:
 Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both a interest and royalty). If more than one lease of different ownership is dedicated to the well, have the interests of all owners h dated by communitization, unitization, force-pooling, etc? Yes No If answer is "yes," type of consolidation <u>Unitization</u> If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reaths form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by sion. CERTIFICATI I hereby certify that the if teined herein is true and beer of my howledge and there is a strue and the strue strue and the strue strue and	
1 Maree than one lease of different ownership is dedicated to the well, have the interests of all owners he dated by communitization, unitization, force-pooling, etc? Image: State in the owners and tract descriptions which have actually been consolidated. (Use resthis form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by sion. Image: State Tract State Tract Image: State Tract Image: State Tract Ima	
dated by communitization, unitization, force-pooling.etc? Image: the state in the owners and tract descriptions which have actually been consolidated. (Use revealed in the state is "no." list the owners and tract descriptions which have actually been consolidated. (Use revealed in the state is "no." list the owners and tract descriptions which have actually been consolidated (by communitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by sion. Image: the state is the state	as to working
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use re- this form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by sion. CERTIFICATI I hereby certify that the ir toined herein is true and e best of my knowledge and Name Determine 1580 15	been consoli-
No ellowable will be assigned to the well until all interests have been consolidated (by communitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by sion. CERTIFICATI I hereby certify that the in teined herein 1s true and e best of my knowledge and best of my knowledge and Solidated Management I best of my knowledge and Company Amoco Production Co Date I 1-7-84 I hereby certify that the in shown on this plot was plot notes of actual surveys an under my supervision, and is true and correct to the knowledge and befar. NOVEMBER-22, 3 Date 5H merged A	
No allowable will be assigned to the well until all interests have been consolidated (by communitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by sion. CERTIFICATI I hereby certify that the in teined herein is suce and e best of my knowledge and best of my knowledge and Company Amoco Production Co Date 11-7-84 I hereby certify that the in shown on this plot was plot notes of actual surveys an under my supervision, and is two and correct to the knowledge and belies NOVEMBER-22, 3 Date of article surveys an under my supervision, and is two and bergen able surveys an under my supervision, and is two and being an observed at the in the surveys an under my supervision, and is two and being an observed at the in the surveys an under my supervision, and is two and being an observed at the in the surveys an under my supervision, and is two and being an observed at the in the surveys an under my supervision, and is two and being an observed at the in the surveys an under my supervision, and is two and being an observed at the in the index of a course in the surveys an under my supervision, and is two and being an under my supervision, and is two and being an observed at the in the index of a course in the index of a	verse side of
Interest pooling, of otherwise) of until a non-standard unit, eliminating such interests, has been approved by sion. CERTIFICATI I hereby certify that the ir toined herein is true and cost of my knowledge and State Tract Solo State Tract I hereby certify that the ir State Tract State Tract	
Store Store State Tract S-213 State Tract S-213 State Tract S-213 Name Solution Soluti	unitization,
I hereby certify that the in toined herein is true and a best of my knowledge and Name Postfor Astist. Admin. Ana Company Amoco Production Ci Date 11-7-84 I hereby certify that the shown on this plot was plot notes of actual surveys m under my supervision, and is true and correct no this knowledge and belief. NOVENBER-2, 3 Date Etheored a Professional Engli	the Commis-
State Tract S-213 Name Posylon Aserist. Admin. Ana Company Amoco Production Cr Dote 11-7-84 I hereby certify that the shown on this plot was plot notes of actual surveys m under my supervision, and is true and correct to the knowledge and belief. NOVEMBER2, J Dote Streyred, N	ON
State Tract S-213 Name Posylon Aserist. Admin. Ana Company Amoco Production Cr Dote 11-7-84 I hereby certify that the shown on this plot was plot notes of actual surveys m under my supervision, and is true and correct to the knowledge and belief. NOVEMBER2, J Dote Streyred, N	- 1
S-213 best of my knowledge and Name Nam	
Name JB80 Name	
1580 1580 Name	Demer.
1580 1580	
1980 1980 1980 1 1 1 1 1 1 1 1 1 1 1 1 1	-Elisa
1980 Company Amoco Production Co Date 11-7-84 I hereby certify that the shown on this plat was plat notes of actual surveys m under my supervision, and is true and correct to the knowledge and belief. NOVEMBER2, J2 Date Schreyed, N	
Date 11-7-84 <i>I hereby certify that the</i> shown on this plat was plot notes of octual surveys m under my supervision, and is true and correct to the knowledge and belief. NOVEMBER-2, 5; Date Strenged to 15; Regrifiered Professiongi Engli	Taysi
I hereby certify that the shown on this plat was plot notes of actual surveys m under my supervision, and is true and correct to the knowledge and belief. NOVEMBER2, J Date Schweyed A Braistered Protessiong Engli	ompany
shown on this plat was plat notes of actual surveys m under my supervision, and is true and correct to the knowledge and belief. NOVEMBER2, JJ Date Streaged A Realstered Processional Englisher	
shown on this plat was plat notes of actual surveys m under my supervision, and is true and correct to the knowledge and belief. NOVEMBER	
shown on this plat was plat notes of actual surveys m under my supervision, and is true and correct to the knowledge and belief. NOVEMBER	well location
notes of actual surveys m under my supervision, and is true and correct to the knowledge and belief. NOVEMBER2, JJ Date Streaved A Registered Protessional Engli	
under my supervision, and is true and correct to the knowledge and belief. NOVEMBER2, JJ Date Strayed A Registered Processional Englisher	
knowledge and belief. NOVEMBER2, JJ Date Striveyed A Registered Processional English	
NOVEMBER-2, J	
Date Strayed A Replaced Processional English	
Date Strayed A Representation Processional English	201
	204
	neer 🛓
MEX Construction of the second s	
Certificate Nos	<u>,U 5</u>
330 660 '90 1320 1650 1'IAT 2310 2640 2000 1500 1000 500 D	an an an Albana an Albana An Anna Albana

s. A

STATUARD 2000 PST H.P. BOP STACK

blow-out preventers may be manually operated. 1.

- 2 All equipment must be in good condition, 2,000 psi W.P. (4,000 psi test)
- Bell nipple above blow-out preventer shall be same size as casing being 3.
- 4. Kelly cock to be installed on kelly.
- Full opening safety valve 2,000 psi w.p. (4,000 psi test) minimum must be available on rig floor at all times with proper connection or subs to fit any 5.
- Spool or cross may be eliminated if connections are available in the lower δ. part of the blow-out preventer body.
- Double or space saver type preventers may be used in lieu of two single -7.
- B. BOP rams to be installed as follows:*

9.

Top preventer -Drill pipe or casing rams Bottam preventer Blind rams

*Amoco District Superintendent may reverse location of rams.

Extensions and hand wheels to be installed and braced at all times.

10. Manifold valves may be gate or plug metal to metal seal 2" minimum.

111

