### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

	APPLICATION FOR PERM	IT TO DRILL	, DEEPEN, OR PLUG	BACK
	TYPE OF WORK PLUG BACK TYPE OF WELL  JUN2 6 18	- IU	5. LEASE NUMBER NM-01366	T OR HDIDE WAR
	GAS OIL CON.	DIV.	6. IF INDIAN, AI	OK TRIBE NAM!
2.	OPERATOR Mending DIST.		7. UNIT AGREEMEN HUERFANO UNIT	
3.	ADDRESS & PHONE NO. OF OPERATOR P.O. BOX 4289		8. FARM OR LEASE	NAME
	FARMINGTON, NM 87499 (505) 326-9700		9. WELL NO. 12	
4.	LOCATION OF WELL		10. FIELD, POOL,	
	990' FSL; 990' FWL		BASIN FRUITLA 11. SEC. T. R. M SEC. 04, T26N	OR BLK.
14.	DISTANCE IN MILES FROM NEAREST	POWN	12. COUNTY SAN JUAN	13. STATE NM
15.	DISTANCE FROM 16. AGE PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE.	CRES IN LEA	SE 17. ACRES	ASSIGNED TO WELI
18.	DISTANCE FROM 19. PROPOSED LOCATION TO NEAREST WELL DR. COMPL., OR APPLIED FOR ON THIS LEASE.	ROPOSED DEP	TH 20. ROTARY	OR CABLE TOOLS
21.	ELEVATIONS (DF, FT, GR, ETC.) 6683' GL		22. APPROX. DATE	WORK WILL START
23.	PROPOSED CAS	ING AND CEM	ENTING PROGRAM	
24.	*SEE OPER AUTHORIZED BY: LAND SEGULATORY AFFAIRS	RATIONS PLA  (JBK)		
-		· · · · · · · · · · · · · · · · · · ·		
PERMI	APPROV	AL DATE		
APPRO	OVED BY TITLE		DATEA P	PROVED
NOTE:	THIS FORMAT IS ISSUED IN LIEU (NO ADDITIONAL DIRT WORK WILL	OF US BLM BE REQUIRE	FORM 3160-3.	kn 2 1 1990 A MANAGER

Submit to Appropriate District Office State Lease - 4 copies For Lease - 3 copies

#### State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102 Revised 1-1-89

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION P.O. Box 2088

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

Santa Fe, New Mexico 87504-2088

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

### WELL LOCATION AND ACREAGE DEDICATION PLAT PARE A SECRETARION PLAT PROPERTY OF THE MICE.

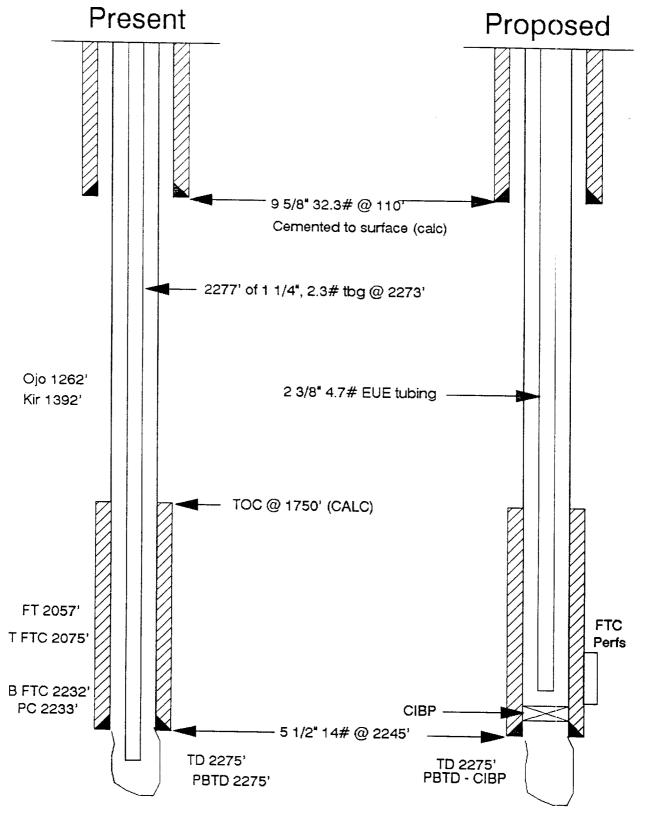
El Paso Natural Gas  Huerfano Unit  12  Louer Section 26 North 10 West NMPM San Juan  County San Juan  990 feet from the South line and 990 feet from the West line			All Distance	es must be from the	outer boundaries	of the section			
The Lease 1 Pass Astural Gas Foundation of West 10 Wes	Operator				Lease (I.M-01366) Well No.				
To North Towns and the company of the country and the country of t	El Paso Ratural Gas				Huerfar				
South State South	Unit Letter S	ection	1				COUNTY		
Security Exercises of West South 1990 for from the 1991 foreign the security of the foreign fo	in T	4	26 Nor	th	10 West	1200	Sar	Juan	
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Pool   Producement According   Pool   Basin   Dedicated According   320 Access	9 <b>90</b>	est from the	South	line and 9	90	Sant Same at	. Ve <b>e</b> +	V	
1. Outlines the acrosspe conditioned to the subject well by colored period or habitate ments on the plant below.  2. If more then one issues is dedicated to the well, outline each and identify the consenting between (both as to working interest and roystay).  3. If more then one issues of different convergences and contact the plant is the contact and identificated to the well, have the manner of all converge town consolidated by communications, corresponding, etc.?  Yes No If manner is 'no' its the contact descriptions which have accountly been consolidated. (Use severes ends of the form it measures). No allowable will be samples to the well used all inferent have been consolidated (by communications, forcest-pooling, or otherwise).  Yes No If manner is 'no' its the contact and inference which have accounted by the Division.  The accountry is the samples to the well used all inference have consolidated for communications, independent of the form a plat dated 11-18-55 by Ewell U. Walsh.  Prepared from a plat dated 11-18-55 by Ewell U. Walsh.  DIST. 3  OPERATOR CERTIFICATION  I havely certify then the insights to the sense as the inference of the same of the inference of the inf	Ground level Elev.	Prod		Pool		ion itom in			
1. Outline the correspondented to the nulsyest well by occared pencil or heckane matter on the past below.  2. If more than one issues of different overscript a dedicated to the well, outline sects and identify the overscript flavored (both as to working interest and royalty).  3. If more than one issues of different overscript a dedicated to the well, between five interests of all oversors been controlled to the common and most descriptions which have actually been controlled to the form of necessary.  No allowed will be suggested to the well until all interests have been controlled (by communication), interests will be suggested to the very until all interests have been controlled (by communication), interests on the second unit of the common and most descriptions which have been controlled (by communication).  Prepared from a plat dated 11—18—55 by  Ewell U. Walsh.  Prepared from a plat the second complete to the information thereof to more and complete to the formation have been completed from final notes.  Prepared from a plat the second complete to the formation thereof the information t	6683 <b>'</b>	Fr	cuitland Coal	L Ba	sin			320	
2. If more than one issue is dedicated to the well, cuttime each and identify the ownership thereof (both as to working interest and royalty).  3. If more than one issue of different ownership is dedicated to the well, have the interest of all owners been conscilinated by comprehensive interest of the content of accountry.  No allowable will be amagined to the west small all interests have been conscilinated (by comprehensive) the content of the conten	1. Outline to	s scrunge dedi	cated to the subject well by	colored pencyl or back	THE PROPERTY CON 15th Co.	let helen		Acres	
I hereby certify that the well location show on this plas was plotted from field notes of actual surveye made by me or under me supervisors, and that the same is true and correct to the best of my knowledge and ballef.  5-17-90  Date Surpryed  Signature  Signature  Frofeening  Real  Certificate and Fill LAND  Neal  Neal  LAND  Neal  LAND  Neal	2. If more the unstitution of the control of the co	on one lease of a force-pooling (or not list the or not list the or not list the assignment unit.	dedicated to the well, outling different ownership is ded to etc.?  No if answer was and tract descriptions and tract descriptions and tract descriptions. Attaining such interest, the contraction such interest, the contraction of the contrac	icated to the well, have ris "yes" type of comeo which have actually be rests have been consoli- has been approved by the Prepared dated 11 Ewell U.	the interest of all clidation  identica  consolidated. (I  inted (by commune  in Division.  if rom a  -18-55 b  Walsh.	plat	OPERATOR  I hereby can mined hereby can	CERTIFICATION  To therwise)  CERTIFICATION  Tily that the information  There and complete to the  There and foliate  There and foliate  There are	
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#### Huerfano Unit #12 Recompletion Procedure

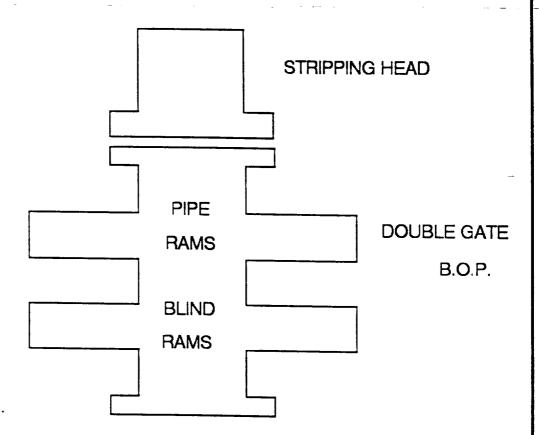
- 1. Check location anchors and install or repair as needed.
- MIRU. Hold safety meeting. Place fire and safety equipment in strategic locations. Install blow lines. Kill well with water if necessary.
- 3. ND WH and replace with 2000 psi independent type wellhead. NU BOP. TOOH with 2277' of 1 1/4", 2.3# tubing and send to yard for salvage. TIH with 2 3/8" tubing and 5 1/2", 14# casing scraper and CO to bottom of casing at 2245'. TOOH.
- 4. RU wireline unit. Run GR-CCL-CNL from PBTD to 2000'. Pick perforations from log.
- 5. Set a CIBP on wireline as low as possible without threatening the casing shoe's integrity or the BP's seal.
- 6. Run CBL-CCL from PBTD to top of cement. Pressure test casing, BP and WH to 1500 psi for 15 minutes. If casing fails, locate failure with packer and a repair will be evaluated.
- 7. TIH with tubing open ended. Pump 10 gallons corrosion inhibitor then 150 gallons 15% HCL followed by one sack of sand down the tubing. When sand has reached the bottom of the tubing, reverse circulate. Observe returns. CO to PBTD.
- 8. Load hole with 2% KCl water. Perforate coal intervals picked from logs.
- 9. Breakdown perforations with 7 1/2% HCl.
- 10. If possible, flow well for 15 minutes immediately after breaking down the last set of perforations. TOOH. Proceed to clean well promptly after the acid wash.
- 11. TIH with 2 3/8" tubing with SN one joint off bottom. Land tubing one joint off bottom. Swab well in.
- 12. ND BOP. NU WH. RDMO.

# Huerfano Unit #12 Fruitland Coal Recompletion

Elev: 6682' DL



## WORKOVER / RECOMPLETION B.O.P. SCHEMATIC



MINIMUM: 6" 2000 PSI DOUBLE GATE B.O.P.

MAXIMUM ANTICIPATED SHUT-IN WELLHEAD

PRESSURE IS LESS THAN 2000 PSI