ENRONOil & Gas Company

EL CONSERVATION DIVISION RECEIVED

P. O. Box 2267 Midland, Texas 79702 (915) 686-3600

192 AUG 28 PM 9 34

August 25, 1992

New Mexico Oil Conservation Commission P. O. Box 2088 Santa Fe, New Mexico 87501

Attn: Mike Stogner

In Re: Brinninstool 21 Federal #1

Sec 21, T25S, R33E Red Hills Wolfcamp Lea County, New Mexico

Dear Mr. Stogner:

Please find enclosed three copies of Form 3160-3 and plat which has been submitted to the Bureau of Land Management in Carlsbad, New Mexico to plug back the above-named well from the Morrow to the Wolfcamp. Also enclosed is a map which shows the location of all offset operators, all of which were notified of this request for non-standard location.

Very truly yours,

ENRON OIL & GAS COMPANY

Betty Gildon

Regulatory Analyst

enclosures

BG

ENRONOil & Gas Company

P. O. Box 2267 Midland, Texas 79702 (915) 686-3600

August 25, 1992

CERTIFIED MAIL

P:156 316 384
Hallwood Petroleum, Inc.
3325 W. Wadley, Ste 200
Midland, Texas 79707
P 156 316 385
Mobil Producing Texas & NM
12450 Greenspoint Dr
Houston, Texas 77060

P 156 316 386
Union Oil Company of California
Box 4551
Houston, Texas 77210
P 156 316 387
Texaco Exploration & Production Inc.
Box 3109
Midland, Texas 79702

In Re: Brinninstool 21 Federal #1

Sec 21, T25S, R33E Lea County, New Mexico

Gentlemen:

Enron Oil & Gas Company has applied to the New Mexico Oil Conservation Division in Santa Fe, New Mexico to plug back from the Morrow to the Wolfcamp the unorthodox location for the above-named well as per the attached Application and location plat. If you, as offset operator, have no objection to this special permit, please sign in the space provided below, and return to my attention in the enclosed envelope.

Your early attention is appreciated.

Very truly yours,

Betty Gildon
Regulatory Analyst

BG		•		
DATF:	COMPANY:		BY:	

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Exxon Grunberg 1-23 154883 10550	Exxon 9 - 1 - 95 77079 6088 - Fac 10500 13 - 313 0:5000 0:47 : 66	Phillips 1985 1985 1985 14 OrykEner Gifa-Peep Arad Disc. 112 Mil.	Phillips HBP 19859	Per Titor Continues (Supply Strains) (Su	Quinoco HBP 30400	Phil
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76年 引 「Chevron HBP 2750年	Tempero	Cornoco HNG H8P Oil No Oil Aldridge Fed Cahril 823-86	Sohio 6-23-86	Enron 2 611353 611353 611353 611353 611353 6113560 611	24 Flagstoric Pet. Phillips: Fed. TO 5365	And the second s

Form 3160-3

SUBMIT IN TRIPLICATE.

Form approved.

(formerty 9—331C)		ED STATES	• •	ther instruc reverse si		Expires Augus	No. 1004-0136 t 31, 1985
	DEPARTMENT	· · ·	_			5. LEASE DESIGNATION	AND SERIAL NO.
		LAND MANAG				NM 26394	
	Y FOR PERMIT	TO DRILL, D	EEPEN, OR I	PLUG B	ACK ·	6. IF INDIAN, ALLOTT	ES OR TRIBE NAME
la. TYPE OF WORK	LL 🗆	DEEDEN! (7 DI	LIC DAG	V XX	7. UNIT AGREEMENT	NAME
b. TYPE OF WELL		DEEPEN [] PL	UG BAC	X M		
OIL ON	ELL X OTHER		SINGLE X	MULTIP Zone	LE 🗌	8. FARM OR LEASE N.	MB
. NAME OF OPERATOR						Brinninstool	21 Federal
<u> Enron Oil & Gas</u>	Company					9. WELL NO.	
. ADDRESS OF OPERATOR	_					1	
'. O. Box 2267,	, Midland, Texas	79702		/		10. FIELD AND POOL,	
At surface	eport location clearly and	in accordance with	any State requirem	ents.*)		Red Hills Wo	
660' FSL &	1980' FEL					11. SEC., T., E., M., OR AND SURVEY OR	BLK. REA
At proposed prod. zon 660' FSL &			•	•		Co. 01 T2E	c hoor
	AND DIRECTION FROM NEAR	DEET TOWN OF BOOM	OPP1070			Sec. 21, T25	
	est of Jal, NM	LEGI IOWN OR PUSI	OFFICE.	•			1
5. DISTANCE FROM PROPU	9500		16. NO. OF ACRES IN	LEASE		Lea DE ACRES ASSIGNED	I NM
LOCATION TO NEAREST PROPERTY OR LEASE L	INP PP	.01	- 6	41-		320	
(Also to nearest drig		501	19. PROPOSED DEPTH	70	20. ROTA	BY OR CABLE TOOLS	
TO NEAREST WELL, DE OR APPLIED FOR, ON THE		None	13,666'			- ·	
I. ELEVATIONS (Show whe	ther DF, RT, GR. etc.)	<u> </u>			1	22. APPROX. DATE W	ORE WILL START
3364.0	' GR			·		When Permi	tted
3.		PROPOSED CASIN	G AND CEMENTING	PROGRAM	4	<u> </u>	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FO			1	QUANTITY OF CEM	
17-1/2	13-3/8	48	64		750 6	acks Circulat	
12-1/4	9-5/8	40 & 36				acks Circulat	
8-1/2	7	26	1326		1425 s		
6-1/8	4-1/2" liner	15.10	1604				.2889 ·
0 2,0	, , _, , _ , , , , , , , , , , , , , , , ,						
	•		. •				
To Towns	wilv Abamdom :	the Manney :	and Docomplat	o in th	na Walt	camp	•
10 Tempor	rarily Abandon	the Morrow a	ind Recomplet	.6 111 61	16 MOII	Camp.	
DU aliak	line, install	EOOO not lu	huicatou: DI	U with	cinkon	hans on slic	k line &
determin		2000 hz i iu	Diffcacor, KI	II WICH	2111161	שמוש טוו שווע	K Tille &
decermin							
Spot san	d plug across M	lorrow perfo	rations as f	ollows:			
Mix 15	00 gallons 30#/	1000 gelled	.2% KCL wtr	w/1 gal	LOSUR	F & 3 gals Cl	a-Sta XP
Add 88	00# of 20/40 sa	nd & pump				•	
Pump 3	400 gals 2% KCL	wtr to dis	place sand t	o Morro	w perf	s. Do not ex	ceed 8000 psi
surfa	ce pressure.						
	lown overnight t						
ABOVE SPACE DESCRIBE	PROPOSED PROGRAM: If piril or Grepen directions	proposal is to deepe	en or plug back, give	data on pr	esent prod	nctive zone and propos	ed new productive
eventer program, if any		ny, give pertinent	data on enpanitace :	(OVER)	o menante	and true vertical dep	
, N	V.A						
SIGNED KUT	u Alla Bett	x Gildon	Regulato	ory Ana	lyst	6/16	5/92
	X VI	/					
This space for Feder	al or State office use)		•				
PERMIT NO.			APPROVAL DAT	E	<u> </u>		

NOTE: actual volume of sand plug may vary based on PBTD check in Step 1.

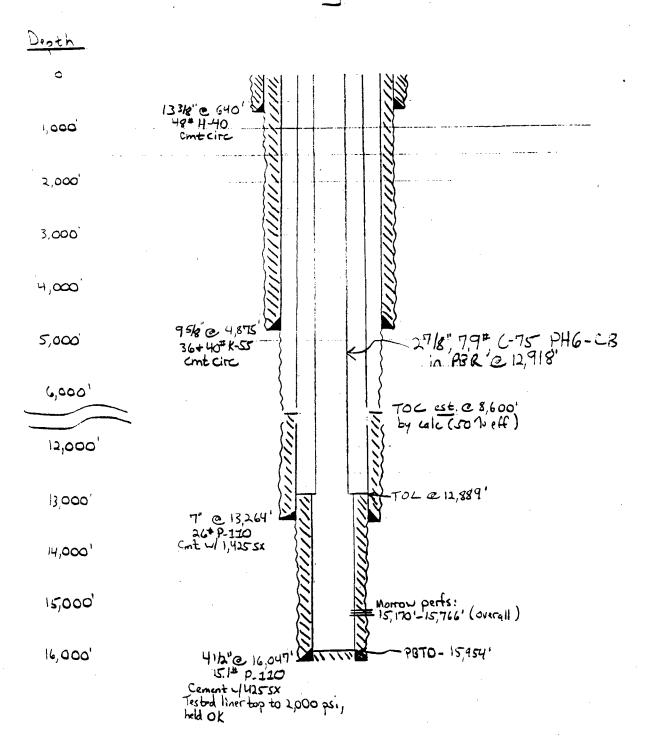
Pressure test sand plug to 2000 psi for 15 minutes.

RU perforators, 10,000 psi lubricator, grease equipment.

RIH w/2-1/8" semi-expendable strip gun with gamma ray & perforate Wolfcamp interval 13,666'-13,676' with 2 SPF (total 22 holes); check for pressure increase after perforating.

Attempt to flow well; jet if necessary. If possible, flow test well a few days. If warranted, acidize Wolfcamp with 1500 gals 20% NeFe.

BRINNINSTOOL "21" FED, NO.I WELLBORE DIAGRAM Existing



NET MEXICO OIL CONSERVATION COMMISSION WELL _OCATION AND ACREAGE DEDICATION __AT

Form C+162 Superseden U-128 Effective 1-1-65

RONALD J. EIDSON

3239

All distances must be from the outer boundaries of the Section perator BRININSTCOL 21 FEDERAL ENRON OIL & GAS COmpany County n.: Letter 25 SOUTH 33 EAST LEA 0 21 Actual Footage Location of Weil: SOUTH Producing Formation Bround Level Elev. Wolfcamp Red Hills 3364.0 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 as to working interest and rovalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? If answer is "ves," type of consolidation __ If answer is "no." list the owners and tract descriptions which have actually been consolidated. Use reverse side of N_0 allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commis-CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Betty Gildon Regulatory Analyst Enron Oil & Gas Company 6/16/92 I hereby certify that the well location Date Surveyed -;3367.8 3367.2',- ~ AUGUST 19,1987 1980 Registered Professional Engineer 3354.2 676

330

660

1320 1660

1980 2310

2000

1000

500

Form 3160-3 (November 1983) (formerly 9-331C)

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN TRIPLICATE*

(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

	DEPARTMENT	,		R		5. LEASE DESIGNATION	AND BERIAL NO.
		LAND MANAG				NM 26394	
APPLICATION	N FOR PERMIT	O DRILL, D	DEEPEN,	OR PLUG	BACK	6. IF INDIAN, ALLOTTE	E OR TRIBE NAME
a. TYPE OF WORK DRI b. TYPE OF WELL		DEEPEN [PLUG B	ACK 🖾	7. UNIT AGREEMENT P	(AMB
	AB OTHER		SINGLE		TIPLE	8. FARM OR LEASE NA	XB .
NAME OF OPERATOR	OTHER		ZONE	ZONI		Brinninstool	21 Federal
nron Oil & Gas	s Company					9. WELL NO.	
ADDRESS OF OPERATOR				······································		1	
. 0. Box 2267	, Midland, Texas	79702				10. FIELD AND POOL,	OR WILDCAT
LOCATION OF WELL (R At surface	eport location clearly and	in accordance wit	h any State	requirements.*)		Red Hills Wo	lfcamp
660' FSL & At proposed prod. 202 660' FSL &	ne .					Sec. 21, T25	REA
	AND DIRECTION FROM NEAD	REST TOWN OR POS	T OFFICE*			12. COUNTY OR PARISE	
	est of Jal, NM						
S. DISTANCE FROM PROPO	OSED* CCO.	1	16. NO. OF	ACRES IN LEASE		OF ACRES ASSIGNED	l NM
PROPERTY OR LEASE I	INT PP	50'	-611	= 64A	TO T	320	•
S. DISTANCE FROM PROP	OSED LOCATION*	00	19. гкороз	ED DEPTH	20. кот	ARY OR CABLE TOOLS	
OR APPLIED FOR. ON TH	RILLING, COMPLETED, IS LEASE, FT.	None	1.	3,666'		-	
1. ELEVATIONS (Show wh	ether DF, RT, GR, etc.)		·		<u> </u>	22. APPROX. DATE WO	DRE WILL START
3364.0	' GR					When Permi	tted
		PROPOSED CASE	NG AND CE	MENTING PROGI	RAM		
SIZE OF HOLE	SIZE OF CABING	WEIGHT PER FO	DOT	SETTING DEPTH		QUANTITY OF CEME	NT
17-1/2	13-3/8	48		640	750	sacks Circulat	ed
12-1/4	9-5/8	40 & 3	6	4875	2375	sacks Circulat	ed
8-1/2	7	26		13264	1425		
6-1/8	¹ 4-1/2" liner	15.10	+	16047	425	sacks TOL: 1	2889
To Tempo	rarily Abandon d	the Morrow	and Rec	omplete in	the Wol	fcamp.	
RU slick	c line, install	5000 psi 1u	ubricato	or; RIH wit	h sinker	r bars on slick	c line &
determir	ie PBID.						
Spot sar	nd plug across M 500 gallons 30#/	lorrow perfo	orations	as follow	S:	DE % 3 gale (la	a_Sta YD
88 bb A	300# of 20/40 sa 3400 gals 2% KCL	nd & pump	,	_		•	
	ace pressure.	Wei to uis	sprace s	salia co mor	TOW PET I	13. DO HOU CA	,ccu 0000 ps.
S hut o	down overnight t						
ne. If proposal is to	PROPOSED PROGRAM: If I drill or Grepen directions	proposal is to deep lly, give pertinent	en or plug t data on su	bsurface locations	Fund measure	ed and true vertical dept	hs. Give blowout
eventer program, if any	7.			(OVER	.)		
SIGNED ROT	Le Vill Bett	g Gildon THE	ReRe	gulatory A	nalyst	6/16	/92
(This space for Feder	ral or State office use)				- V. T	·	
PERMIT NO.				ROVAL DATE		_	
-		-				. /	
APPROVED BY Ada	m Salar	nels_ TITI	LE			DATE 6	26/92

NOTE: actual volume of sand plug may vary based on PBTD check in Step 1.

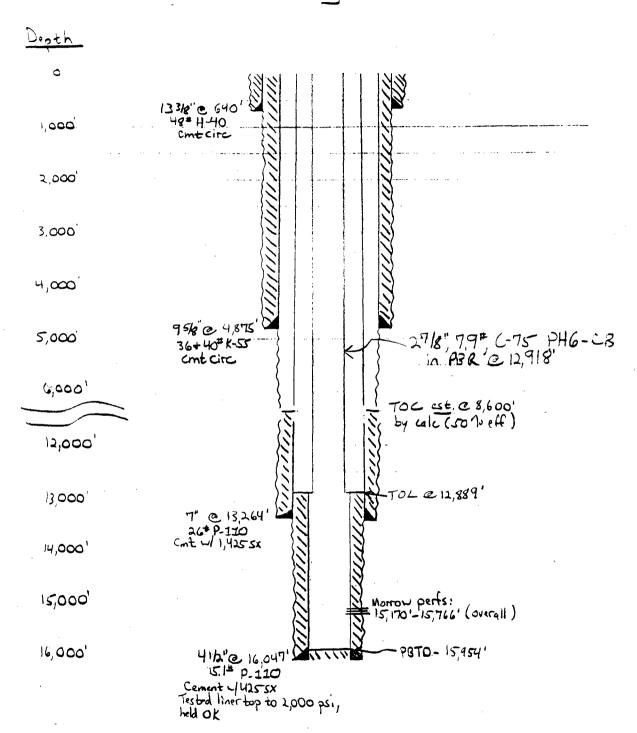
Pressure test sand plug to 2000 psi for 15 minutes.

RU perforators, 10,000 psi lubricator, grease equipment.

RIH w/2-1/8" semi-expendable strip gun with gamma ray & perforate Wolfcamp interval 13,666'-13,676' with 2 SPF (total 22 holes); check for pressure increase after perforating.

Attempt to flow well; jet if necessary. If possible, flow test well a few days. If warranted, acidize Wolfcamp with 1500 gals 20% NeFe.

BRINNINSTOOL "21" FED, NO.I WELLBORE DIAGRAM Existing



		All distances must	be from the outer bounder	tes of the Section	·
ENRO:	N OIL & GAS	Company	BRININ	STOOL 21 FEDERA	L Well No. 1
fold Lett er ()	Section 21	Township 25 SOUTH	Romge 33 EAST	County	LEA ,
Actual Footage Loc	cation of Weil:				
bb0 ·		SOUTH line o		feet from the EA	11110
3364.0		olfcamp	Red Hil	ls	Dedicated Acreage: Acres
2. If more the interest a 3. If more the dated by of the interest a 3. If more the dated by of the interest and interest a No allowa	han one lease ind royalty). an one lease of communitization. No If is "no." list the if necessary.	different ownership unitization, force-po answer is "yes," type owners and tract de gned to the well until	rell, outline each and is dedicated to the woling, etc? e of consolidation. escriptions which ha all interests have be	d identify the owners well, have the interes we actually been con	ship thereof (both as to working sts of all owners been consolisted of communitization, unitization, been approved by the Commission.
	 			Name Bett	ereby certify that the information conned herein is true and complete to the st of my knowledge and belief. Ly Gildon Tion Llatory Analyst
			ED PROFESS	Enro Date	on Oil & Gas Company 6/16/92
	, - - 		NO. 676	sha nor una	nernby certify that the well location own on this plat was plotted from field ses of actual surveys made by me or ler my supervision, and that the same true and correct to the best of my wledge and belief.
		3367.2'	1980	AUG Regia and/o	Surveyed UST 19,1987 Stered Professional Engineer or Land Surveyor Steady No. JOHN W. WEST, 676
0 330 660	90 1320 1650 1	980 2310 2640 2	200 1500 1000	B00 0	RONALD J. EIDSON, 3239

Form 3160-3 (November 1983) (formerly 9-331C)

UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved. Budget Bureau No. 1004-0126 Expires August 31, 1985

	•	01 1112 1				5. LEASE DESIGNATION AND SERIAL NO.
	BUREAU OF	LAND MANA	GEMENT	• ·		NM 26394
APPLICATION	Y FOR PERMIT	O DRILL,	DEEPE	Y, OR PLUG	BACK	6. IF INDIAN, ALLOTTED OR TRIBE NAME
a. TIPE OF WORK						7. UNIT AGREEMENT NAME
b. TYPE OF WELL		DEEPEN		PLUG BA		
OIL 🗍 C.	AB X OTHER			BLE X MULTIN	LE	S. FARM OR LEASE NAME
2. NAME OF OPERATOR	TELL LAJ OTHER		ZON	E M ZONE		Brinninstool 21 Federal
Enron Oil & Gas	s Company					9. WELL NO.
ADDRESS OF OPERATOR			· · · · · · · · · · · · · · · · · · ·			1
P. O. Box 2267	, Midland, Texas	79702				10. FIELD AND POOL, OR WILDCAT
1. LOCATION OF WELL (R	eport location clearly and	in accordance wi	th any St	te requirements.*)		Red Hills Wolfcamp
660' FSL &	1080' FFI					11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
At proposed prod. 202	ne .					
660' FSL &						Sec. 21, T25S, R33E
	AND DIRECTION FROM NEA	REST TOWN OR POS	T OFFICE			12. COUNTY OR PARISH 13. STATE
	est of Jal, NM					Lea NM
15. DISTANCE FROM PROPO LOCATION TO NEABERS PROPERTY OR LEASE I	r 660'		16, NO.	OF ACRES IN LEASE		OF ACRES ASSIGNED HIS WELL
(Also to nearest drig	g. unit line, if any)	50'		200 640		320
 DISTANCE FROM PROP TO NEAREST WELL, D OR APPLIED FOR, ON TH 	RILLING. COMPLETED,	None	19. гно	13,666'	20. ROTA	ET OR CABLE TOOLS
21. ELEVATIONS (Show who	ether DF, RT, GR, etc.)					22. APPROX. DATE WORK WILL START
3364.0	' GR					When Permitted
23.		PROPOSED CAS	ING AND	CEMENTING PROGRA	м	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER P	TOOT	SETTING DEPTH	1	QUANTITY OF CEMENT
17-1/2	13-3/8	48	-	640	750 s	sacks Circulated
12-1/4	9-5/8	40 & 3	36	4875		sacks Circulated
8-1/2	7	26		13264	1425 s	
6-1/8	4-1/2" liner	15.10	ı	16047		sacks TOL: 12889
RU slick determin Spot san Mix 15 Add 88 Pump 3 surfa Shut c	ne PBTD. nd plug across No gallons 30#, 300# of 20/40 sa 3400 gals 2% KCL ace pressure. down overnight t	5000 psi l Morrow perf 1000 gelle Ind & pump . wtr to di	ubrica oratio d 2% K splace nd plu	tor; RIH with ns as follows CL wtr w/1 ga sand to Morr g to fall. T	sinker : 1 LOSUR ow perf op of s	bars on slick line & SF & 3 gals Cla-Sta XP Ss. Do not exceed 8000 ps.
N ABOVE SPACE DESCRIBE ione. If proposal is to preventer program, if any	drill or Gepen directions	proposal is to dee lly, give pertinen	pen or plu t data on	ig back; give data on p subsurface locations a (OVER)	resent prod nd measure	nective some and proposed new productive d and true vertical depths. Give blowout
signed Bett	in Sil Rett	y Gildon ,,,	TLE	Regulatory Ana	ılyst	6/16/92
This stone for Rede	rai or State office use)					
	and the same confi					
PERMIT NO.			*	PPROVAL DATE		
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CONDITIONS OF APPROV	m Selan	nell TIT	rle			DATE D/ & O/ TJ
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NOTE: actual volume of sand plug may vary based on PBTD check in Step 1.

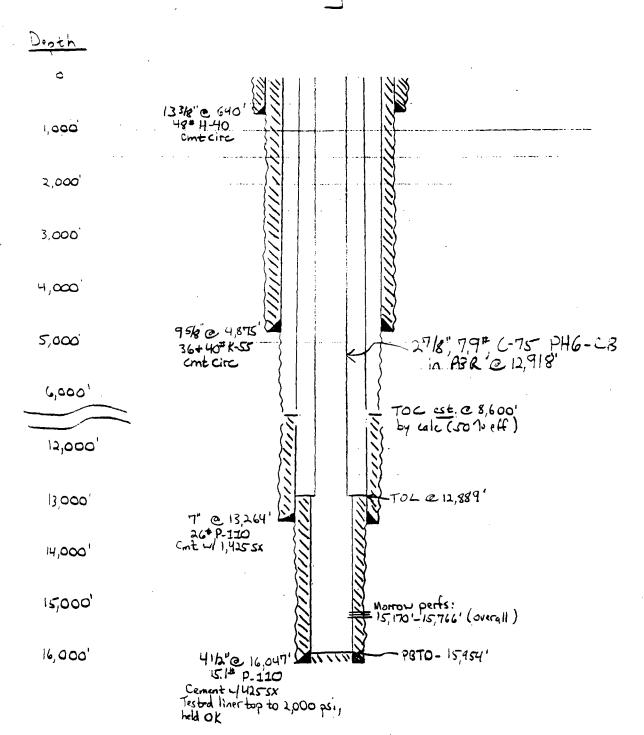
Pressure test sand plug to 2000 psi for 15 minutes.

RU perforators, 10,000 psi lubricator, grease equipment.

RIH w/2-1/8" semi-expendable strip gun with gamma ray & perforate Wolfcamp interval 13,666'-13,676' with 2 SPF (total 22 holes); check for pressure increase after perforating.

Attempt to flow well; jet if necessary. If possible, flow test well a few days. If warranted, acidize Wolfcamp with 1500 gals 20% NeFe.

BRINNINSTOOL "21" FED, NO.I WELLBORE DIAGRAM Existing



NET MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION LAT

Form C-102 Superseder C-128 Effective 1-1-55

All distances must be from the outer boundaries of the Section

.perator EVROV	OIL & GAS C	Omnany	Lease RDTXT		FREDAT	#eil No.
	Section	Township	Ronge	NSTCOL 21 F	LDERAL	1
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3364.0	Wo	1fcamp	Red H	ills	2	640 Acres
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			AND S	SICULATION OF THE PROPERTY OF	Name Betty Gildor Frattion Regulatory A Company Enron Oil & Date 6/16/92	Analyst
		3367.2',-	3367.81 NO. 676		shown on this pl notes of actual under my superv	987 Nonal Engineer
0 320 440	90 1320 1650 19	20 2310 2040	2000 1500 1000	500	' '	HN W. WEST, 676



STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION HOBBS DISTRICT OFFICE 2 RUS 31 PM 10 26

BRUCE KING GOVERNOR

POST OFFICE BOX 1980 HOBBS, NEW MEXICO 88241-1980 (505) 393-6161

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OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501
RE: Proposed: MC DHC NSL NSP SWD WFX PMX
Gentlemen:
I have examined the application for the:
Enrow Pil Has Co. Bringistral 21 Federal #1-0 2/-2 Operator Lease & Well No. Unit S-T-R
and my recommendations are as follows:
Yours very truly,
Jerry Sexton
Supervisor, District 1

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1)escription: All Sec. 31.32 733 (K-1826, 12-1-64)
Description: All Sec. 31, 31 33 (K-2826, 12-7-64) Ext: All Sec. 18 (R-8041, 10-3-85)
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