NSL

5/20/99

S. P. YATES CHAIRMAN OF THE BOARD

JOHN A. YATES

PRESIDENT PEYTON YATES

EXECUTIVE VICE PRESIDENT RANDY G. PATTERSON SECRETARY

> DENNIS G. KINSEY TREASURER

MARTIN YATES, III 1912-1985 FRANK W. YATES 1936-1986



105 SOUTH FOURTH STREET APR 3 () 1999 ARTESIA, NEW MEXICO 88210 TELEPHONE (505) 748-1471

April 28, 1999

FAX: 748-4572

Mr. Michael E. Stogner New Mexico Oil Conservation Division 2040 South Pacheco Street Santa Fe, New Mexico 87505

Certified Mail **Return Receipt Requested**

RE: Application for Unorthodox Well Location Concho "ACT" State Com #1 Well <u>Township 17 South, Range 27 East</u> Section 8: N/2 Eddy County, New Mexico

Dear Mr. Stogner:

We believe this API No. 30-015-30472 has been with drawn by Concho Resources. Please process Yates' application for an unorthodox gas well location

Thank you.

Very truly yours,

YATES PETROLEUM CORPORATION

A Bullock

Robert Bullock Landman

RB:bn enclosure(s)



CONCHO RESOURCES INC.

Suite 410 110 W. Louisiana Midland, Texas 79701

(915) 683-7443 Fax 683-7441

April 28, 1999

Mr. Michael E. Stogner Oil Conservation Division 2040 South Pacheco Street Santa Fe, New Mexico 87505

> Sundry Notice/APD Cancellation Chama "8" Federal Com #1 Well T17S, R27E, NMPM 1650' FEL & 660' FNL of Section 8, Eddy County, New Mexico Chama Prospect (771117)

Gentlemen:

Reference is made to your previous correspondence with Yates Petroleum Corporation of Artesia, New Mexico, regarding their application for the Concho "ACT" State Com #1 Well. Your office has rejected Yates' application due to Concho's previously proposed Chama "8" Federal Com #1 Well.

Concho has prepared and sent the BLM Office a Sundry Notice requesting APD cancellation for the Chama "8" Federal Com #1 Well – API #30-015-30472 (a copy is enclosed). As noted on the enclosed copy, the Sundry Notice has been approved as of April 13, 1999 by the BLM. Please consider this approved Sundry Notice as Concho's written request to withdraw application to drill said well. Thank you for your assistance in this matter.

Sincerely,

CONCHO RESQURCES INC.

Van Rodgers

cc: Mr. Robert Bullock Yates Petroleum Corporation 105 South Fourth Street Artesia, New Mexico 88210

enclosure/tb:chama(6)

orm 3160-5 June 1990)	DEPARTMENT	OF THE INTERIOR	FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993
			5. Lease Designation and Serial No. NM98809
	m for proposals to drill	ND REPORTS ON WELLS or to deepen or reentry to a different reservoir. R PERMIT-" for such proposals	6. If Indian, Allottee or Tribe Name
ч.	SUBMIT II	N TRIPLICATE	7. If Unit or CA, Agreement Designation
1. Type of Well Oit Gas Well Well 2. Name of Operator	Other		8. Well Name and No. Charna '8' Federal Com #1
Concho Resources I 3. Address and Telephone I	9. API Well No. 30015 30472		
110 W. Louisiana, St 4. Location of Well (Footage 1650' FEL & 660' FN	10. Field and Pool, or Exploratory Area Crow Flat Morrow 11. County or Parish, State		
12. CHECK A	PPROPRIATE BOX(s)	O INDICATE NATURE OF NOTICE, REPORT, C	Eddy Co., NM DR OTHER DATA
TYPE OF	SUBMISSION	TYPE OF ACTION	······································
Notice of	Intent	Abandonment	Change of Plans
🗙 Subsequ	ent Report	Plugging Back Casing Repair	Non-Routine Fracturing Water Shut-Off
🗌 Final Abi	Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)		
directionally drilled, give	subsurface locations and measure	e all pertinet details, and give pertinent dates, including estimated date ed and true vertical depths for all markders and zones pertinent to this cancellation of the Permit to Drill for the Chama '8' Federa	work.)*

APPROVED

APR 13/999 La G. C. J. xin 26 i.e

AUTHORIZED OFFICER, MINERALS BUREAU OF LAND MANAGEMENT

14.1 hereby certify inft the foregoing is the and porrect		
Signed A MAUTUM	Title Production Analyst	Date _04/01/99
This space for rederal or State office use) Approved by Conditions of approval, if any:	Title	Date

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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.

MARTIN YATES, III 1912 - 1985 FRANK W. YATES 1936 - 1986



S. P. YATES CHAIRMAN OF THE BOARD JOHN A. YATES PRESIDENT PEYTON YATES EXECUTIVE VICE PRESIDENT RANDY G. PATTERSON SECRETARY DENNIS G. KINSEY TREASURER

105 SOUTH FOURTH STREET ARTESIA, NEW MEXICO 88210 TELEPHONE (505) 748-1471

April 15, 1999

Mr. Michael Stogner New Mexico Oil Conservation Division 2040 South Pacheco Street Santa Fe, New Mexico 87505

Re:

Application for Unorthodox Well Location Concho ACT State Com #1 Well <u>Township 17 South, Range 27 East</u> Section 8: N/2 Eddy County, New Mexico

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APR 1 9 1999

SERVITION E. S. S. S. S.

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Dear Mr. Stogner:

Yates Petroleum Corporation respectfully requests administrative approval for an unorthodox Morrow gas well location, the Concho ACT State Com #1. The well is located on State of New Mexico minerals, 1650' FNL and 660' FEL of Section 8, <u>Township 17 South, Range 27 East</u>, Eddy County, New Mexico. The acreage dedicated to the well is the N/2 of Section 8 which is 50% State of New Mexico minerals and 50% USA minerals.

The necessity for this unorthodox location is based on geologic conditions prevailing in the primary objective Lower Morrow clastics interval.

The sand isopach map is enclosed herewith. The map exhibit is an isopach map of the Lower Morrow clastics. Double circled well spots are Morrow penetrations. The contour interval is 20 feet. The spacing unit is outlined in red and the proposed location is pointed out.

The isopach map depicts the varying thickness of the Lower Morrow to Mississippian unconformity interval in the environs of the subject proration unit. Contouring of the available well control shows that the proposed location is on the west flank of the main "thick" in the area. Experience in this area has shown that wells in or near "thicks" have a much better chance of encountering Lower Morrow alluvial channel sand reservoirs capable of producing very good economic volumes of gas.

The proposed location should encounter sufficient Lower Morrow interval to accommodate an alluvial sand channel capable of producing economic reserves of gas.

Notification to the offset operator(s) to the east was made by certified mail on April 15, 1999 including a copy of this application letter with all attachments.

New Mexico Oil Conservation Division April 15, 1999

Page 2

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Yates requests that this unorthodox well location be administratively approved if no objections are received within the cited twenty (20) days as required by New Mexico Oil Conservation Division regulations or earlier if waivers are received.

Enclosed with the isolith map are forms C-101, C-102 and a land plat showing offset operator(s).

Please call me at 505-748-4351 if you need further information.

Thank you.

Very truly yours,

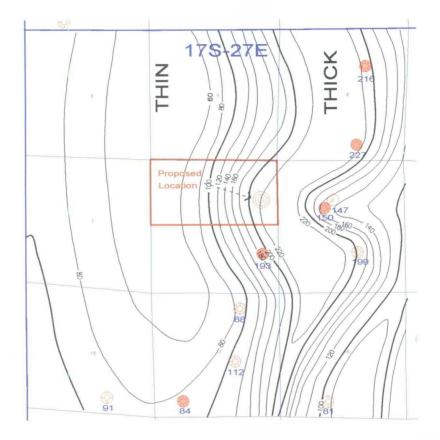
YATES PETROLEUM CORPORATION

bert Bullack

Robert Bullock Landman

RB/mw

Enclosures



	LEGEND	

. . . .

- Morrow Penetrations 193 -Lower Morrow to Miss. Thickness
- Lower Morrow Producer
- / Solid Contours of Lower Morrow to Miss. Thickness; C.I. = 20'

YATES PE	TROLEUM CORP	PORATION
	New Mexico gan Draw - Dog C h Lower Morrow C	
Geol: Ray Beck	C1 - 20	4/15/99
	Scale 1 48000	T Fuentes

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Totes etcl 6-14-99 Mary Mary Mary EC.Nic- States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States	VIH-UI Penwell Ener. X& PROPOSE 6.1.2007 98809 350 Concho U.S. Act St. Con Yates Pet. etal	$\begin{array}{c ccccc} U.5 & 69163 & 93192 \\ \hline 93192 & 93192 \\ \hline 93192 & 144 \\ \hline 93192 & 144 \\ \hline 93192 & 144 \\ \hline 93192 & 124 \\ \hline 1000 & 1000 \\ \hline 1000 & $
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District I PO Box 1980, Hobbs, NM 88241-1980 District II 811 South First, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztee, NM 87410 District IV 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

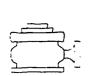
Form C-101 Revised October 18, 1994 Instructions on back Submit to Appropriate District Office State Lease - 6 Copies Fee Lease - 5 Copies

AMENDED REPORT

APPLICA	TION	FOR PE	RMIT T	FO DRI	LL, RE-EN	ITER, DEE	PEN,	PLUGBA	CK,	OR AI	DD A ZONE
			· (Operator Nan	ne and Address. EUM CORPO					3 OC	RID Number 5575
					urth Stre Mexico					30 - Ö	API Number
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	ultiple NO		" Proposed 9150			rmation rrow	. Un	"Contractor designat	ed		²⁴ Spud Date ASAP
		-	2	¹ Propos	ed Casing	and Cement	Prog	ram			
Hole S	ize	Casi	ng Size	Casi	ng weight/foot	Setting D	epth	Sacks of	f Cemen	t	Estimated TOC
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77,	/8.	4	1/2"		5# S-95 9150'			400 sx			FOC 7500'
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Printed name:	KEN E	BEARDEMF	HL X			Title:					<u> </u>
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Date: Apr	il 6,		Phone:	505-748	3-4348	Conditions of App Attached	proval :	· · · · · · · · · · · · · · · · · · ·			

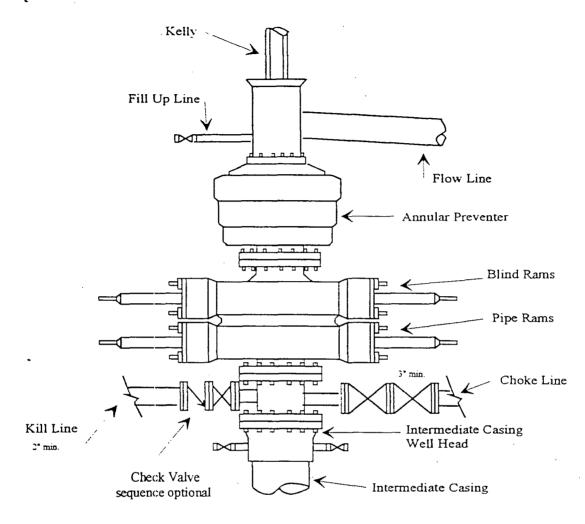
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PO Drawer DD, Artesia, District III 1000 Rio Brazos Rd., Azz		OIL CON Santa	ISERVAT PO Box Fe, NM	ON Su	Submit to Appropriate District Of State Lease - 4 Co Fee Lease - 3 Co			
District IV PO Box 2088, Santa Fe, 1	√M 87504-2088						IENDED REPOR	
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					Morrow			
* Property Code			' Property	Name			• Weil Number	
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1111	VA-1	<u>551</u> <u>////</u>		533	Ken Title Land Date Apr ¹⁸ SURV 1 hereby certify was ploaed from	Beardemphi dman il 6, 1999 EYOR CERT that the well location field notes of actum	TIFICATION in shown on this plat al surveys made by	
1111	VA-1	<u>551</u> <u>() () (</u>		535	Ken Tule Date Apr ¹⁸ SURV 1 hereby certify was ploaed from me or under m	Beardemphi dman il 6, 1999 EYOR CERT	TIFICATION in shown on this plat al surveys made by hat the same is true	
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1111	<u>VA·1</u>	<u>551</u> <u>////</u>		533	Ken Title Land Date Apr ¹⁸ SURV I hereby certify was ploaed from me or under mand correct to <u>APRIL</u> Dura of Sure	Beardemph Iman i1 6, 1999 EYOR CERT that the well location m field noise of actual y supervision, and the the best of my belief. 3, 1999 VR. RED CR F D CH OF TOTAL Reput	TIFICATION in shown on this plat al surveys made by at the same is true	
	VA-1	<u>551</u> <u>////</u>		53	Ken Title Land Date Apr ¹⁸ SURV I hereby certify was ploaed from me or under mand correct to <u>APRIL</u> Dura of Sure	Beardemphi Iman il 6, 1999 EYOR CERT that the well location of field notes of actuary supervision, and the the best of my belief. 3, 1999	TIFICATION in shown on this plat al surveys made by at the same is true	

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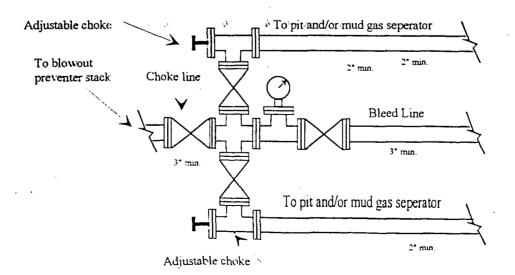


Yates Petroleum Corporation

Typical 3.000 psi Pressure System Schematic Annular with Double Ram Preventer Stack



Typical 3,000 psi choke manifold assembly with at least these minimun features



Notification List of Offset Operator(s) to Unorthodox Morrow Gas well location Concho "ACT" St. Com. #1 <u>Township 17 South, Range 27 East</u> Section 8: 1650' FNL & 660' FEL Eddy County, New Mexico

Oxy USA, Inc. Box 50250 Midland, Texas 79710

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April 20, 1999

Yates Petroleum Corporation 105 South Fourth Street Artesia, New Mexico 88210

Attention: Robert Bullock

Re: Application dated April 15, 1999 for the Yates Petroleum Corporation to drill its proposed Concho "ACT" State Com. Well No. 1 at an unorthodox gas well location to test the Undesignated Crow Flats-Morrow Gas Pool 1650' FSL & 660' FEL (H) of Section 8, Township 17 South, Range 27 East, NMPM, Eddy County, New Mexico.

Dear Mr. Bullock:

I am returning the subject application. An active APD for the Morrow interval underlying the N/2 of Section 8 exists for Concho Resources, Inc.'s proposed Chama "8" Federal Com. Well No. 1 (API No. 30-015-30472) to be drilled at a standard gas well location in Unit "B" of Section 8 (see copy of the Division's records attached).

Should you have additional information concerning this matter please resubmit your application with full details.

Thank you.

Sincerely,

Michael E. Stogner Chief Hearing Officer/Engineer

cc: New Mexico Oil Conservation Division – Artesia
 U. S. Bureau of Land Management – Carlsbad
 William F. Carr, Legal Counsel for Yates Petroleum Corporation – Santa Fe
 Kathy Valdes, NMOCD – Santa Fe

NSL

5/10/99

MARTIN YATES, III 1912 - 1985 FRANK W. YATES 1936 - 1986



105 SOUTH FOURTH STREET ARTESIA, NEW MEXICO 88210 TELEPHONE (505) 748-1471 S. P. YATES CHAIRMAN OF THE BOARD JOHN A. YATES PRESIDENT PEYTON YATES EXECUTIVE VICE PRESIDENT RANDY G. PATTERSON SECRETARY DENNIS G. KINSEY TREASURER

APR 191999

April 15, 1999

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Re:

Application for Unorthodox Well Location Concho ACT State Com #1 Well <u>Township 17 South, Range 27 East</u> Section 8: N/2 Eddy County, New Mexico

Dear Mr. Stogner:

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The proposed location should encounter sufficient Lower Morrow interval to accommodate an alluvial sand channel capable of producing economic reserves of gas.

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New Mexico Oil Conservation Division April 15, 1999

Page 2

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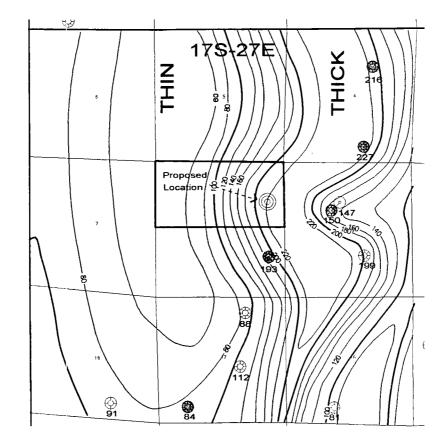
YATES PETROLEUM CORPORATION

Robert Bullack

Robert Bullock Landman

RB/mw

Enclosures



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- C Morrow Penetrations
- 1934 -Lower Morrow to Miss. Thickness
- Lower Morrow Producer
- / Solid Contours of Lower Morrow to \bigwedge^{9} Miss. Thickness; C.1. = 20'

YATES PETROLEUM CORPORATION
New Mexico
Empire - Logan Draw - Dog Canyon Area
Isopach Lower Morrow Clastics

Isopacit Edwel Mottow Clastics									
Geol Ray Beck	C1 - 201	4/15/99							
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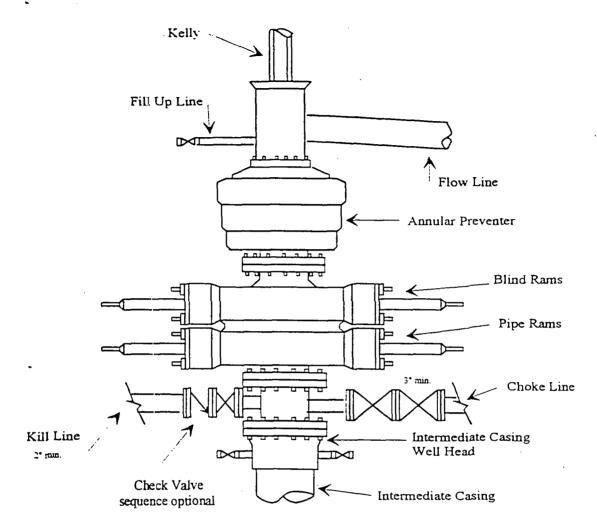
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Signature:		Ú,)u	hli	L		Approved by:					
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Title:	LANDM						Approval Date:			Expiratio	on Date:	
Date: Apr	il 6,			Phone:	505-748	-4348	Conditions of Appro	val :	1	<u></u> .		

District I PO Box 1980, E District II PO Drawer DD. District III 1000 Rio Brazos District IV	Rd., Aziec.	1 88211-0719 NM 87410		OIL C	ONSERVA PO Bo	TION DIVISI			Fo vised February Instruction propriate Dist State Lease Fee Lease
PO Box 2088, Si	anta Fe, NM	87504-2088] AMENDED
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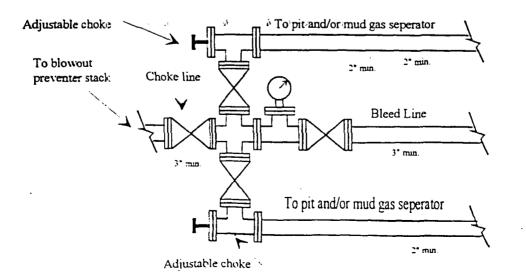


Yates Petroleum Corporation

Typical 3.000 psi Pressure System Schematic Annular with Double Ram Preventer Stack



Typical 3,000 psi choke manifold assembly with at least these minimun features



Notification List of Offset Operator(s) to Unorthodox Morrow Gas well location Concho "ACT" St. Com. #1 <u>Township 17 South, Range 27 East</u> Section 8: 1650' FNL & 660' FEL Eddy County, New Mexico

Oxy USA, Inc. Box 50250 Midland, Texas 79710

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District PO Box 1980,	Hobbs, NN 8	8241-1980		State of New Mexico Energy, Minerals & Natural Resources Department						nent	Form C-104 Revised October 18, 1994				
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District III 1000 Rio Brazo	os Rd., Aztec	, NM 87410			2	2040) Sou	th Pach	есо		Submit		opriat	e District Office 5 Copies	
District IV 2040 South Pa			505		S	Sant	ta Fe,	NM 87	505				AME	NDED REPORT	
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III. Oil a	nd Gas	Transpo	rters								<u></u> .		<u></u>	<u></u>	
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V. Well	Complet	ion Data	3												
25 Spu	d Date	21	⁴Ready Da	te		27 T	D		²⁸ PBTC	כ	²⁹ Perfora	ations	3	¹⁰ DHC, DC, MC	
	³¹ Hole Size			32 Ca	asing & Tubing	Size	1	ł	33 [Depth S	Set		Э Sacl	ks Cement	
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³⁵ Date N	iew Oil	[™] Gas l	Deliven/ Da	te	³⁷ Test	Date	8	34	³ Test Lengt	n	³⁹ Tbg. Pre	ssure		⁴⁰ Csg. Pressure	
41 Choke	Size		⁴² Oil		43 W	ater		+	44 Gas		45 AOF		+	⁴⁶ Test Method	
		<u> </u>			1										
complied w	vith and that i	the information	on given at		Division have I s true and com				0	IL C	ONSERVAT		VISIC	ON	
to the best Signature:	of my knowl			,,,	/			Approved							
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Titlet	19m St	- <u></u>			<u> </u>			Approval	Date:	k			iss	V	
Prod	uction Ana /22/99	iyst 	Phone);	045 800 7						3.10.9	<u>ז</u>	<u></u>		
01		rator fill in the			915-683-7 r and name of			operator							
Penwell En						•									
. <i>Л</i>	Previous (Operator Sig	nature			_		Printed	Name		<u>.</u> .	т	itle	Date	
K	nda	Wal	ke-	/		L	.inda V	Valker			Regula	tory Anal	yst	01/22/99	

Form 3160-3			142	M. UISUBAR	T'IN PRI	WISCOUR	• FORM APP	PROVED	
(July 1992)		TED STATE	S	ARTESIA NAS	eriigstruct	tions on	OMB NO. 1 Expires: Febra	1004-0136	
	ARTMENT	T OF THE I	INTER	RIOR	- was the said	مىت. أ	5. LEASE DEBIGNATION		
В	UREAU OF	LAND MANA	GEME	NT			NM-98809		
APPLICATIO	N FOR P	ERMIT TO	DRIL	L OR DEEP	PEN		6. IF INDIAN, ALLOTTE	LE OR TRIBE NAME	
1a. TYPE OF WORK						.	7. UNIT AGREEMENT N	VAME	
DRILL X		DEEPEN				}		-238777	
OIL CAS WELL Z	OTHER		20	INGLE X	MULTIPLI	<u> </u>	8. FARM OR LEASE NAME WE CHAMA "8" FEDE	ERALI 1	
PENWELL ENERGY, INC.		(BILL PIER	RCS)	915-683-253	<u>34 147</u>	7380	9. API WELL NO.		
3. ADDRESS AND TELEPHONE NO.			······				30-015-	30472	
600 NORTH MARIENFELD 4. LOCATION OF WELL (Report location							10. FIELD AND POOL. C CROW FLAT - MC		
At surface						-	11. SEC., T., B., M., OR	BLK.	
1650' FEL & 660' FNL At proposed prod. zone SAM		ONTI "B"	11/S-	SELLE EDDY	Y CO. N	1111	AND SURVEY OR AN	BLA	
SAM			10	r•				-R27E	
14. DISTANCE IN MILES AND DIRECTI Approximately 5 mile					-		12. COUNTY OB PARISH EDDY CO.	I 13. STATE NM	
15. DISTANCE FROM PROPUSED*	Liiei	AILE		NEW MEXICO	EASE		F ACRES ASSIGNED	1	
LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to hearest drig, unit line,	if any.	660'		320			HIS WELL 320		
13. DISTANCE FROM PROPOSED LOCAT TO NEAREST WELL, DRILLING, CO.	TION*			ROPOSED DEPTH		20. ROTAR	32() RY OR CABLE TOULS		
OR APPLIED FOR, ON THIS LEASE, FT.	.	NA	<u> </u>	9200'		R(OTARY	10.0	
21. ELEVATIONS (Show whether DF. R	(I, GR, etc.)	3360' GI	GR.				22. APPROX. DATE WO		
23.				1.000000	6910a	120	WHEN APPROVE		
		1		1		CONTR	MLLED WATER		
	SIZE OF CASING	WEIGHT PER PO		SETTING DEP	PTH		QUANTITY OF CEME:	:NT	
<u>25"</u> <u>12¼</u> " <u>J-55</u>	<u>or 20"</u> 8 5/8"	<u>NA</u>	,	40'			to surface wi circulate cem		
	<u> </u>	17 & 15.	5	9200'			<u>estimate top</u>		
17-1/2 H-40	17-3/8"	48		400			te Cement Te	WINESSO	
 Drill 25" hole to Drill 124" hole t with950 Sx. of Cl Drill 7 7/8" hole 17# N-80 LT&C, 22 	to 1850'. Lass "C" c e to 9200'	Run and set cement, circ '. Run and s	et 185 culat set 9	50' of 8 5/8 te cement to 9200' of 5½'	/8" J−5 co surf ₂" casi	55 24# face.	ST&C casing. (Cement ' of 5½"	
5½" 17# J-55 LT&C of Class "H" Prem US LIKE	c casing. nium Plus BLECT TO E APPROV STATS	Cement with cement + ad	h 350 Additi) Sx. of Ha. ives, estima APPROVA GENERAL SPECIAL	ALSUA ALSUA LREQU	ight, ta op of co UECTT(UREMEN LATIONS	iail in with 25 coment 6000' 22 O INTS AND S	50 Sx. 5262728-39 1 0CT 1050 FEGELVVI Danill or	
24. (pet)		~			- r.evenu		15.	S S	
SIGNED OP	<u> </u>	Lea TIT	ті.е _А	gent			DATE 00/28/		
(This spuce for Federal or State	* office use)								
PERMITNO.				APPROVAL DATE					
PERMITINO.	certify that the co	plicant holds legal ~			ne subject la	ase which we	uid entitle the applicant to	anduct operations thereon.	
	certify that the app		Acting	tle to those rights in the				induct operations thereon.	
Application approval does not warrant or a CONDITIONS OF APPROVAL, IF ANY:		ł	Acting A	the to those rights in the Assistant Field (Office M				
Application approval does not warrant or a		ł	Acting A	tle to those rights in the	Office M				

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See	Instructions	On	Reverse	Side

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.

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

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

DISTRICT III 1000 Rio Brazos Ed., Aztec, NM 87410 State of New Mexico

Energy, Minerals and Natural Resources Department

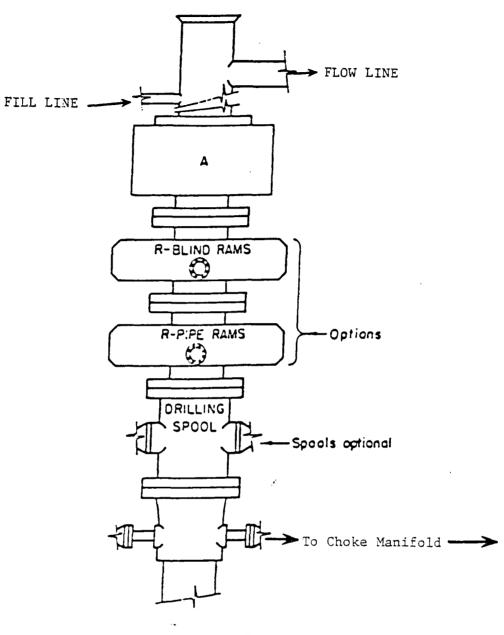
Form C-102 Revised February 10, 1994 Instruction on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, New Mexico 87504-2088

□ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API	Number		1	Pool Code 720		CROU	V FLAT - MORI	Pool Name			
Property (Code	T			Prop	erty Nam			Well Nu	umber	
				CI	hama '	"8" Fe	ederal		1	ĺ	
OGRID No	o.			Operator Name							
147380		<u> </u>		P	enwell				336	0'	
					Surfa	ce Loca					
UL or lot No.	Section	Township	Range	Lot Idn	Feet fro		North/South line	Feet from the	East/West line	County	
В	8	17 S	27 E		66	0	North	1650	East	Eddy	
			Bottom	Hole Lo	cation 1	lf Diffe	rent From Sur	face			
UL or lot No.	Section	Township	Range	Lot Idn	Feet fro	om the	North/South line	Feet from the	East/West line	County	
	- <u>n</u>				<u> </u>						
Dedicated Acres 320	Joint o	r Infill Co	nsolidation	Code Or	der No.						
NO ALLO	WABLE W	TILL BE A	SSIGNED	TO THIS	COMPLE	TION L	INTIL ALL INTER	ESTS HAVE BE	EN CONSOLIDA	ATED	
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8	+			T — — -		— — –		Jue	P. Janica		
						ł		Printed Name			
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	i							09/28	/98		
	1					1		Date			
			///////					SURVEYO	R CERTIFICAT	ION	
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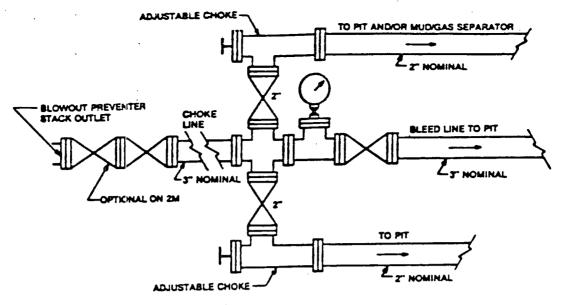
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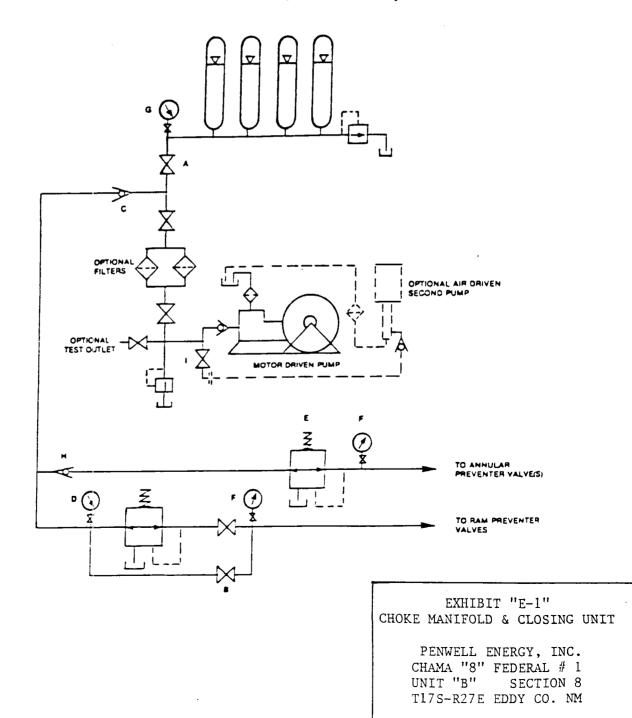
900 Series 3000 PSI WP

> EXHIBIT "E" B.O.P. SKETCH TO BE USEN ON

> > PENWELL ENERGY, INC. CHAMA "8" FEDERAL # 1 UNIT "B" SECTION 8 T17S-R27E EDDY CO. NM



Typical choke manifold assembly for 3M WP system



	-	Pool Crow Range 272		
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	N/2 C	ec 12 (R-6994,		

Ext: All Sec. 2 (R-7248, 3-30-83) Ext: 5/2 Sec. 3, 5/2 Sec. 4(R-11013, 7-30-88) Ext: 1/2 Sec. 4, 54/4 Sec. 12, E/2 Sec. 13 (R-11097, 12+0-98) Ext: 1/2 Sec. 9 (R-11120, 1-21-99)

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