CASE 7123: YATES PETROLEUM CORPORATION FOR AN UNORTHODOX GAS WELL LOCATION, EDDY COUNTY, NEW MEXICO

# CASE NO.

7123

APPlication, Transcripts, Small Exhibits,

ETC.

# STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

IN THE HATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:

CASE NO. 7123 Order No. R-6567

APPLICATION OF YATES PETROLEUM CORPORATION FOR AN UNORTHODOX GAS WELL LOCATION, EDDY COUNTY, NEW MEXICO.

# ORDER OF THE DIVISION

## Y THE DIVISION:

This cause came on for hearing at 9 a.m. on January 14, 1981, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 22nd day of January, 1981, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

# FINDS:

- (1) That due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Yates Petroleum Corporation, seeke approval of an unorthodox gas well location for its Federal "AB" Well No. 7 to be drilled 1980 feet from the North line and 660 feet from the West line of Section 9, Township 18 South, Range 25 East, NMPM, to test the Morrow formation, Eddy County, New Mexico.
- (3) That the N/2 of said Section 9 is to be dedicated to the well.
- (4) That a well at said unorthodox location will better enable applicant to produce the gas underlying the proration unit.
- (5) That no offset operator objected to the proposed un-

+2-Cese No. 7123 Order No. R-6567

(6) That approval of the subject application will afford the applicant the opportunity to produce its just and equitable there of the gas in the subject pool, will prevent the economic loss caused by the drilling of unnecessary wells, avoid the augmentation of risk arising from the drilling of an excessive number of wells, and will otherwise prevent waste and protect correlative rights.

# IT IS THEREFORE ORDERED:

- (1) That an unorthodox gas well location for the Morrow formation is hereby approved for the Yates Petroleum Corporation's Federal "AB" Well No. 7 to be located at a point 1980 feet from the North line and 660 feet from the West line of Section 9, Township 18 South, Range 25 East, NMPM, Eddy County, New Mexico.
- (2) That the N/2 of said Section 9 shall be dedicated to the above-described well.
- (3) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year herein-

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

JOE D. RAMEY

EAL

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION STATE LAND OFFICE BLDG. SANTA FE, NEW MEXICO 14 January 1981 EXAMINER HEARING

IN THE MATTER OF:

Application of Yates Petroleum Corporation for an unorthodox gas well ) location, Eddy County, New Mexico.

CASE 7123

BEFORE: Richard L. Stamets

TRANSCRIPT OF HEARING

APPEARANCES

For the Oil Conservation Division:

Ernest L. Padilla, Esq. Legal Counsel to the Division State Land Office Bldg. Santa Fe, New Mexico 87501

Chad Dickerson, Esq. LOSEE, CARSON, & DICKERSON Artesia, New Mexico

For the Applicant:

10

11

12

13

16

17

18

19

20

21

MR. STAMETS: We'll call next Case 7123. 3 MR. PADILLA: Application of Yates Petroleum Corporation for an unorthodox gas well location, Eddy 5 County, New Mexico. MR. DICKERSON: Mr. Examiner, my name is Chad Dickerson of Artesia, for the applicant. We have one witness. 10 (Witness sworn.) 11 12 RAY BECK 13 being called as a witness and being duly sworn upon his oath, 14 testified as follows, to-wit: 15 16 DIRECT EXAMINATION 17 BY MR. DICKERSON: 18 Will you state your name, your occupa-19 tion, and where you reside, please? 29 Ray Beck, geologist, Artesia, New Mexico. 21 Mr. Beck, have you previously testified 22 as a geologist before this commission? 23 Yes, I have. 24 MR. DICKERSON: Is the witness qualified, 25 Mr. Examiner?

MR. STAMETS: He is.

Mr. Beck, would you briefly describe what Yates seeks in this proceeding?

A. Case y123, Yates Petroleum Corporation seeks approval of an unorthodox Morrow gas well location of its proposed Federal "AB" No. 7, to be drilled 1980 feet from the north line and 660 feet from the west line of Section 9, Township 13 South, Range 25 East, Eddy County, the north half to be dedicated to the well.

Mr. Beck, would you refer to what has been marked Exhibit One and describe what it shows, please?

A. Exhibit Number One is a land plat showing the proposed location and its relationship to the surrounding leasehold situation. Yellow denotes acreage in which Yates has an interest. The red outline shows the subject proration unit.

O. Refer to Exhibit Number Two and describe what it shows, Mr. Beck.

A. Exhibit Number Two is a combined Isopach and structural map. The solid contours show the varying
thickness of the Morrow Clastics and the dashed contours
show the structural attitude on the top of the Morrow Clastics.

The Yates No. 4 -- the Yates No. 1 4-Dinkus "GV" Well, a dry hole in the south half of Section 3

1

16, encountered a 60-foot thick Morrow -- Middle Morrow sand channel that yielded water on drill stem test.

Somewhat more than a year later Amoco drilled their No. 1 Yates Federal B, a dry hole, about one mile north of the 4-Dinkus "GV" without encountering the channel.

In addition, none of the other wells in the area have encountered the channel found in the 4-Dinkus "GV" Well.

10

The Yates Federal "AB" No. 2 in the south half of Section 5, colored red, and the Yates Federal "CZ" in the north half of Section 8, also colored red, produced gas from Upper Morrow sands.

13

14

12

The Morrow Clastics thick, running from the southeast quarter of Section 16 through the northwest quarter of Section 9, could indicate the north-northwesterly trending 4-Dinkus "CV" channel. Therefore the proposed nonstandard location in Unit E of Section 9 would be more likely to encounter the 4-Dinkus "GV" channel than any other location in the north half of Section 9, and if found, the channel would be some 180 feet high to the water wet end of the channel in Section 16.

> Mr. Beck, turn to Exhibit Number Three and describe what it shows.

23

admission of One, Two, and Three, and that concludes our case. MR. STAMETS: These exhibits will be admitted. Are there any questions of the witness? He may be excused. Anything further in this case? The case will be taken under advisement. (Hearing concluded.) 

# CERTIFICATE

I, SALLY W. BOYD, C.S.R., DO HEREPY CERTIFY that the foregoing Transcript of Hearing before the Oil Conservation Division was reported by me; that the said transcript is a full, true, and correct record of the hearing, prepared by me to the best of my ability.

Society W. Boyd C.S.R.

I do have y carily that the foregoing is like the piele readed or the foregoing is a distribution hearing of crossedings in the first by no on the like the piece of the piece

SALLY W. BOYD, C.S.F

Rt. 1 Box 193-R Santa Fe, New Mexico 87: Phone (505) 455-7409

		•
_	_	
Dana	1	
rave	· · · · · · · · · · · · · · · · · · ·	

CASE

7123

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION STATE LAND OFFICE BLDG. SANTA FE, NEW MEXICO 14 January 1981 EXAMINER HEARING IN THE MATTER OF: Application of Yates Petroleum Corporation for an unorthodox gas well ) location, Eddy County, New Mexico. BEFORE: Richard L. Stamets TRANSCRIPT OF HEARING APPEARANCES For the Oil Conservation Ernest L. Padilla, Esq. Division: Legal Counsel to the Division State Land Office Bldg. Santa Fe, New Mexico 87501 For the Applicant:

Chad Dickerson, Esq. LOSEE, CARSON, & DICKERSON Artesia, New Mexico

23

9

10

11

12

13

14

15

16

17

18

19

20

21

MR. STAMETS: We'll call next Case 7123. 3 MR. PADILIA: Application of Yates Petroleum Corporation for an unorthodox gas well location, Eddy County, New Mexico. MR. DICKERSON: Mr. Examiner, my name is Chad Dickerson of Artesia, for the applicant. We have one witness. 10 (Witness sworn.) 11 12 RAY BECK 13 being called as a witness and being duly sworn upon his oath, 14 testified as follows, to-wit: 15 16 DIRECT EXAMINATION 17 BY MR. DICKERSON: . 18 Will you state your name, your occupa-19 tion, and where you reside, please? 20 Ray Beck, geologist, Artesia, New Mexico 21 Mr. Beck, have you previously testified 22 as a geologist before this commission? 23 Yes, I have. 24 MR. DICKERSON: Is the witness qualified, Mr. Examiner?

MR. STAMETS: He is.

Mr. Beck, would you briefly describe what Yates seeks in this proceeding?

Case v123, Yates Petroleum Corporation seeks approval of an unorthodox Morrow gas well location of its proposed Federal "AB" No. 7, to be drilled 1980 feet from the north line and 660 feet from the west line of Section 9, Township 18 South, Range 25 East, Eddy County, the north half to be dedicated to the well.

Mr. Beck, would you refer to what has been marked Exhibit One and describe what it shows, please?

Exhibit Number One is a land plat showing the proposed location and its relationship to the surrounding leasehold situation. Yellow denotes acreage in which Yates has an interest. The red outline shows the subject proration unit.

Refer to Exhibit Number Two and describe what it shows, Mr. Beck.

Exhibit Number Two is a combined Isopach and structural map. The solid contours show the varying thickness of the Morrow Clastics and the dashed contours show the structural attitude on the top of the Morrow Clastics.

The Yates No. 4 -- the Yates No. 1 4-Dinkus "GV" Well, a dry hole in the south half of Section

23

•

16, encountered a 60-foot thick Morrow -- Middle Morrow sand channel that yielded water on drill stem test.

Somewhat more than a year later Amoco drilled their No. 1 Yates Federal B, a dry hole, about one mile north of the 4-Dinkus "GV" without encountering the channel.

In addition, none of the other wells in the area have encountered the channel found in the 4-Dinkus "GV" Well.

The Yates Federal "AB" No. 2 in the south half of Section 5, colored red, and the Yates Federal "CZ" in the north half of Section 8, also colored red, produced gas from Upper Morrow sands.

the southeast quarter of Section 16 through the northwest quarter of Section 9, could indicate the north-northwesterly trending 4-Dinkus "GV" channel. Therefore the proposed non-standard location in Unit E of Section 9 would be more likely to encounter the 4-Dinkus "GV" channel than any other location in the north half of Section 9, and if found, the channel would be some 180 feet high to the water wet end of the channel in Section 16.

Q. Mr. Beck, turn to Exhibit Number Three and describe what it shows.

admission of One, Two, and Three, and that concludes our case. MR. STAMETS: These exhibits will be admitted. Are there any questions of the witness? He may be excused. Anything further in this case? The case will be taken under advisement. (Hearing concluded.) 

# CERTIFICATE

I, SALLY W. BOYD, C.S.R., DO HEREPY CERTIFY that the foregoing Transcript of Hearing before the Oil Conservation Division was reported by me; that the said transcript is a full, true, and correct record of the hearing, prepared by me to the best of my ability.

Sully W. Boyd C.S.R.

	the foregoing is
a compli	madings in
the Exc	٠
heard by	19
	, Examiner
Oll Conserve	aion Division

SALLY W. BOYD, C.S.R. Rt. 1 Box 193-B

Santa Fe, New Mexico Phone (305) 455-7. 

January 23, 1981

POST OFFICE BOX 2088 STATE LANO OFFICE BUILDING SANTA FE, NEW MEXICO 87501 I5051 827-2434

Re: CASE NO. 7123 ORDER NO. R-6567

Hr. Chad Dickerson Losce, Carson & Dickerson Attorneys at Law Post Office Drawer 239 Artesia, New Mexico 88210

Applicant:

Yates Petroleum Corporation

Dear Sir:

Enclosed herewith are two copies of the above-referenced Division order recently entered in the subject case.

Yours very truly, JOE D. RAMEY Director

JDR/fd

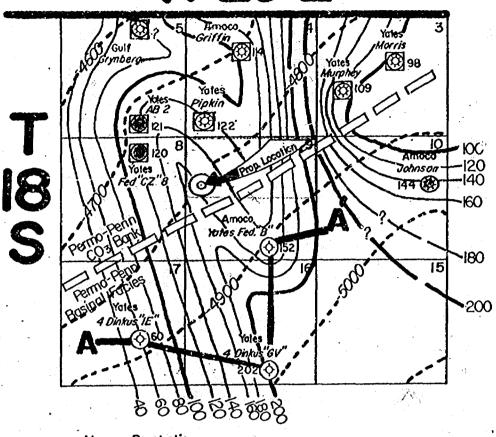
Copy of order also sent to:

Hobbs OCD Artesia OCD Aztec OCD

Other

	ر مراد المراد	eşetül		A,R # - 0558	· 75	11 · 1	- 75   76#	(s. t. (556		Fed.	tes Pel Spece	200	The second	1105 E 10 1 2-14-75 40-76 June
	W. (2)			10.4 31		2 1. (	iw. ♦	PUSIC NU W. '3-79 91 GOS Wes. Volle Core of this Traylor	erol (	(01/61/61 7	16 <sub>13</sub> 13 17 1	10 00		Tull 1/2 City of 1 Learn
	(3 a	te teless tes Pet noto	¥2°e5 € 17 8	13:16 Yotes	(Auto) (40:0)	\$118.60		Maria de la	2 229 229 229 229 229 229 229 229 229 2	A. Anterpries	22	E.A Behrendt	Ystes Pen	Yales Fel
			RTHO! Historia	by 1 The sine	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	Yoles Pet.	Yutes Pel. 3 27 28 WD Flynn, star	Jeerson (2)	19601 313 19601 313 19601 313	2 4 ( E-2022)	3 Pen 7	111	Yes Pet.	Orestvietel
			7 2125	Yo	7 4 15 79 Cotes 2 4 15 79 Cotes 2 7 7 81 Cotes 3 7 7 81 Cotes	Yole	Pel	Yales Pat 10	1413755 13 141601 141601 141601 141621	10/5 25 GHO	Yoles as By	\$ 8. H	BP Peties Yates Petri	Vestern Oil
Š		25	Hazel Scove	Harel 3 160 5	\$500 m : 01	Go #3 1 0 # 6	Syntelel Springer	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Yales Pet etal	Yoles Cric. (a) (Woles Cric. (a) (M Yoles Cri) 4 Ocea	Yoles Vos		errien ;	AXX. E
i de a comp	7 2*25 e3 7 - 2 - 18	et etal	A STATE	39 1314 19 1314	Yates etcl	Yates I Per,e'oi 3 CR	J J Grynberg	L. Grynterg	Yates Pet etal	U.S.	14.		26 minum minus tes Pet etol	(Find Single
	ن <sub>ۇ</sub> ر. ئ	.,		7519 2 Pet Vares Pet 5664	t .   ⊍s.	@ C 18 75	150	(rates) of the total	Carb. B. Caresan	Yatze	Fet,etal 18	;	.a: !# 6#356 }	Lossee Boorson, Mi FEMORPS Annual Fine
Į.	A Process	(P. 60 2 - 12 8 - 12 8 - 12	0) e0	Yotes Per 4. 1. goek	Yotas Per	Yares Kister	Yates, erut	Yates etal	Yates Pet glat	Vates You	* *	Name and Address of the Owner, where	CONTROL OF A CONTR	1000 Car.
	- 82 10 10 10 10 10 10 10 10 10 10 10 10 10 1	(25 1/2)	્ય	Panj ji HBC Iviz	,	$    _{U^{\infty}}$	MBC D.E. Welch	HBC,WIZ	Powell Nasinger In 1460	* 06	M. Yales (1). 1 D.Y. 1/A 1765	"Monseau" E Klanseau T Brasdarer (4) Downagers atox		Yoù
a 'jasa' a	-111 N	36		701 Total Police	Yoles Petero	Yoles wo	YatesPet (Pennzoil) Hec	Yo'rs Per 4 CR	13 	13340. Fa	4	Martin Yares, el	<del>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</del>	
		Pub o- St	Gri Jistr Jirib	Tri, T		Siote t	3603 "Fed" ************************************	*Fes.	Elsie Kissinger Dole Rogers, etal(51	Sowers' M H Februs	v s.	WYOUS PIA PIA PIA PIA PIA PIA PIA PIA PIA PIA	A.I. Horner,	"4 9
	3500	V2 "5	2	13185 Per 32 31 EE	Evelyn   Jerry   Evelyn   Jerry   ChambersChambers   3 · 1 · 82   3 · 1 · 82   15620   +15620	)c.	US AND STATE TO STATE THE STATE OF STA	Golf Ameri Hac Mac	Yares   Yares   18:18   277 en	() )	Yotes 9-25 83	Supe A maco 9 12	rior Carons	(5,000) (5,000) (500) (500) 1 01
		1   		915)		Gryn	541 berg Fed*	Yates 1.35 Gr	In Septiment of Aragers Hots	David 1 Viller Amoro 1 1-95 11 1-87 18432 14757	1 1	14757	hoson ys etalls:	} ;
	API API Yote	01nd 1/3 0Pet 1/3 5 Drig 1/3 -31 - 73	İ	MYCOING 1/2 ABUPER 1/2 Yates Orlo. 1/2 True H H H C	12185 Per   5664   HBC	3,000	187738		10'15 AC 1870 1870 1880 1880 1880 1880 1880 1880		es Pet. 14 Et ugh Hirser	US DAGE	risoreial A	Coguing to ores' 42
	0,	5. 5.		216453	3. *Svol	A H.CO. / 1827/ 3-1-33 0343045 U	7 (9 Mit.	* YotesPe		"Aturphy-Fed." U	757	Yates Coo	uing Kelly 18 13 1515 Umber Co. HEC rserolls 1825E	Superior-Fed U.S Rogersphol Sh
	12165 Pet 5 : 192 156 4	Yotes 1	73	0497	99 HSC	Yotes Per Caril	*	5.P. Voles Yales Peteral 8-1-82 4-5-17 :512 4-5-17			Amaco	AR Co. 1084		Yotes 5 25 83
TOPHOCIT	<i>RI</i> 0.	<b>H</b> A/.	O	n n Gilsec	i	Fad rol TD 6615 PBT473 CiscoDisc Fed	,	Peterol PP IDI	C.B. Naiswendereid	,	*	0 Fosken 3 1 82 14995	Leskew Skuzie	Natter Varies
2.22	vien es est est est			Yoles,elo; 254 352 * 041008775 Fea: 13.13111.	M. Yoles etal 10-17-77 L-321 21-74	Yates Fer etal 1 - 1 - 74 0487738	Yales 11 22:84 Yales Ppl, M.I. U.S.Cavert	y J.S. Covert 8	Yates Orig 1/2 M. Yates 1/2 HBP			Yoles Per 13 - 1 - 80 _11323	Permison	Bengal etal
Do	4 * \$1	) /s.		5 fe		Fronklin Asean E.Fair HBP 9471842 9.3.	S P. Johnson, Jr.	S. P. Janson U.S.	4: 658100 V. 168100	Superiar Lincoln County Livestock Co.(S) Dale Ro	Johnson G.E.Johnson E.R.Foweli Gers etal(\$)	Coquino to 8359 Bale Rogers Holls	Cogunosite Clarey Edward Clarey Clarey Schmell	H. D. Rodding J. Y. Cabbins
- COGG	stes Pet. HSC W/2 9538	11 17 - 2-30 2-11 3/0/	Yoles	(501f) 11 kg	Gulf Gulf 2-1-84 HBP GLG:523 L-4052 /a 2973 26 20	Yates Pet 1 - 26 - 81	1.056 1.056 1.056 1.056	Cif.Sen; 10 20:90; 1-4954 _1823_1	Cities Serv. 10 · 20 · 80 L · 4954 1825	Taligies de gi	Lizza Lizza	Yotes Pet.	(YatesFet.) Bengal 72 BFun. 11323	6 vice 6 vice 4 777 147
	ου-σ-22 Fad	Anoco 6 1 83 18451		7154 2 ales Hgi 0497	Per etol 138 HBC	H.E. McEenneg Mrs. Lewie Filis	York S	17400	6	C.A. Honse			SKIDISE.  C.1 19 73   Fire Mile Uni	Teneral Cristin Pry Seri
2000	25-21 34 KG 2052-10	<u> </u>		1701		Yates Pet etal HBP 6487738	<b>→</b>	Cities Serv. 10 · 20 · 10 L · 4954 1825	Yores I (gasa ( ) - (g) ( ) Yassa ( ) :	Champ 1 · 22		нвс ж <sup>к</sup> э.7 м	0343045	Hondo Pariti 1411-15 1111-15 Pariti 1811-181
To the	es St - St	of yiss.		(2)513 31,	terGulf 132 t-4052 13 Mil 16 Esta St	<b>v.s</b> .	Stele	31	والمعاددان مسيحت	25 Reliet N		Uphom" Hillie D. Aftesen L. B. Aftesen (	HBC 4.3	Albert 1971 Esecution
STATES OF	Arto Pel 6 12 Non Gas 3 - 1 - 85 10 - 5:68 403 13	110.401   L 4850   E/2 HBC	5	Guli L-42	3.1.84 22616	Vales Pet, 2701 1182 0497738 (1.5. Votes	Yates 6-7-78 8-11 78 Yateshild J Careris Library	Yotes Pet. J.W.Lackey	Champlin 4:13:82 3:21:82	Yutes 2 - 18 - 82 Champlic, 5 - 23 - 81 6 - 24 - 82	Yates Pet HBP	Yates, 83% Mawiison 3 24 83	RG. Koteses M.O. Vision 3.33.8	Horogoniyi Danisi Danis lahirsa
33.1	120 2	Mess Per	5 1 MIL B	े ने स्टार केटल	9	Yates o	Astronomy Scales	Yates Pet etal HBC,W/z 0487738		Bennie Wezinstry V.W.Lockey 2	Millie Alkesen J. B. Alzeson Est		DH WY.	M.O. Wilson 2 30:43 10:10:1 32212 43214
and the second	' 640 <i>0</i> 11	Mora- 1hon 11-1-75		াধ ম্	,16x \$4Nii.	A R. COJ HBC  K 6045 (AJ. An  13 07  NI R An  Person	of Yap	⊕SA8 WCD5. C9178	Champir 5-14-92 5-12-82	Champlin 5 - 14 - 62 5 - 12 - 62	Champlin 6 · 10 f 82	Champlin 6 10 62	2 20 95 11 kg	
	State Yater	Yotes?		oservise HBC	"Eddy-51" State	H Huber	(0)(251) U.S.	Fed.* U.S. R.O.Ander	n(s) deciment	Lauisa Bagilaer Hociha Bagilaer	J.M. Serry	1 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1	Yates 13 3 7 M Divasor 7 M Div	Yotes
TOWN TO	ي ع∨ ح	aze	1.3M 技 12mm	Yotes, 1	3 183271 537	2 20 161 HBC N/2	74	Moran Co. etol 10 9134 (A.R.Co.D/R) 11BC K-6458	K-625-01N		E. Botes to 80 rai etal. "> HBC E/2	M.Yotes,etc	R.S.Starketol	Pro Services
3	;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;	Amoco 11-1-8 19415	3	3	0 <del></del>		170755 stal	2	NA 92	W. B. Finewick	Fosken (6) (4933	Totes   C	64486	) 21.© : 10.0 : 0 : 0 : 0 : 0 : 0 : 0 : 0 : 0 : 0
	"   ⊗		<u> </u>	Mesa Pel Ho Hol Gos HBC \$2	150.80y. 10.80j	State . Vates Pet, etal	0.5. 0.5.	M.Antwell & Aloran Co. etal (4. R. Co. D.R)	7.6	Scout Bigacold Oil) HBP	Pending Tues L.Poles US	Alond Disc. W. B. Kincold D. Fosken	Yoler Pelis Lilling Fells Yolns Pet 180	
- Total		818 50 Pet	Sin	Ourses Cd	7 25 15 (23 11 So Roy	0487736	Stote HBC	Yotes USEn	Kronsecurios (as.	Scout E.O.I.	m.Est. Siass	Yoles Pet glat	Subjects Tales Se	Citie Yores era
	t.	3017		6-1-83 18-06 7-7-4 \$1	(190) 31 SS 4196 2535	Yotes Pet	6269 BC	Pel, etal lenguinos 27512 lus Red 7675 (1916 750180 288851	HBP E-10/65 Inframzercan Cylo Fund (Attentic-Rich)		es Bross (40)	Yales Pet etal (Holfros 12) YesoDuci 1-DR 109215	Shapping Frame wells Afficial Yoles Pet	E-18155 3
		6		1735, 3 Yorke Per		Yores Per etal	2 Togock-	VS. SHIPS	Or State Yates Pet, etai	Scout-Fed	(0.0) (0.05 e.0)	O Gustino Bornie Multi	ne Wilson etc	5.0 5.0 Ch
	*Rio.	237Mil.		06 (2) 100 (2)	(Megas)	Octo 7738	HBP Grego L	36's Vales 36's Vales 3101e Fetsa Yates Pet, etal	Find Signal KGS W.S.	Suburbani M.D.    12 Wilson 11 22 2-16-82	op. Gas op. Wilson op. 10 64 2 6 65 british op Prop	P.L. Wilson Goss 9 14 61 fores, et al 614 61	PVV (SV)	
	510		) ))	2 1 1 1 3 S		92 01 18 15 55 56 19 19 19 19 19 19 19 19 19 19 19 19 19	31012	รักษาระการ บู.S. KGS ผการ 4:482 31	Yotes Peteral Eloiss Has State (2.1) 111534	. 1 4.3% E.C.	o ve kou h ve vije. DJ. Produkom e vi B. Nich s'os, e kol Uli Juy	6	Colling's COV	na emil
	0. Pr. j. j. j. j. L. rd * 5 A		1.1		Cores Series	Vales Pet., elog 06 18301	/Usessels	(Min) YolgePe	ienle) 5, (-1916) 1, (-1916) 1, (-1916)	Suburbon Prop. US\$ Corp. II 22 81 10 22 81	11.28 (21.9) 21.28 (21.9)	Yotes etal	Yoles Bros. H.B.P. etal Ocases	ROS ATTO
7		- 1	3	กา 🖺 💮 6	. 40 15	6 2 3	Vares Pet.	- 31	THE WAY YOU	PRWITTER	Second Miles		1 (5.56.)	
1				Connection	20 ( 03) 20 ( 25) 20 ( 25)	Yorus gentily	(Yoles Orig. 12)	3 . 53 81	Anudarko 3 - 11 - 83 W.K. Gannefax Anadarko	CO CONTRACTOR N.M	. Oil C		ation D	
	4	ern';	* \	\$ 2000 \$1 \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Julia Per compa	Model 17 of 18	Content	Sannie Mallicet P.E. Llass Yolga gladia an	Anudarko  3-11-83  W. Gannefax Anadarko 3-11-83  Cramcenrolli, 3-Westernolli, 3-W	1/ Pan Yat	14/81 E es Petr	xamine oleum	r Heari Corpora	ng
4		6T.	NAME OF		Conorn	AND			AR Cot. Fosten)	3-1.	Exhi	bit No	• 1	e e e e e e e e e e e e e e e e e e e

R-25-E



Morrow Penetration

Thickness of Morrow Clastics

Morrow Producer

(3)

Permo-Penn Producer or Potential Producer

100 ft. Stuctural Contours on Morrow Clastics

20ft, Isopach Contours of Morrow Clastics

200

Front of Permo-Penn CO3 Bank

Case No. 7123
N.M. Oil Conservation Div.
1/14/81 Examiner Hearing
Yates Petroleum Corporation
Exhibit No. 2

<i>i</i> - (		*317	Y NAT	19 111 20 111	1 N	5	10 to 10 to	111 /	/25 ···		TENSON IN	3.47 O'A"	1
			-	***	11 - 1 0559: 1	. 75 76 g <sup>1</sup> 65 s	Pubeo No No	Yoles Pel	"Fed."		20 11 44 Y	Mary Track	V
į			no # (111		\$ 6 7 9 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	. •	13-29 BIGOS' Mrs. Kanto Coris Wins Troyler	Yotes Pet. etal  J. M. Jazzsan V  W. E. Millinons	York Par. 9"	Yutes etal	021	23	lma
•		A STATE OF THE PARTY OF	199	19.00			Hespel Carlo	100 Per chalsin	WE Warrant	22 J. O. J.	E.A Dehrendt	S Wonda 2 N	Yates Pri
:	AMI.	11. No.			Yoles Pet. 187	Votes Pel. N D Flynn, stat	Verbeen (2)	505"	6. y o' o	1 Pat	5 5 2 6 (5) 2	Yeles Pet,	Brests.
: r	The second	A PARTY AND A STATE OF THE PARTY AND A STATE O	31 S		Yote		Yates Pet is	INSTRUCTION OF THE PROPERTY OF	73 034 038 73105 Fils 22 73105	Yales .sev	28. H	es Petier-Yates BP Pete.	Vestern Vic 6507
; ;	W	4	11 1 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	AND THE	'30 A	ann eini gru ina ein tolloo ina eine	101/2	15 6 15 51 Sun	F	Valeseta Votes Votes Kis Pet		Verson 1 84. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A A C
;		5	3 3 14 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	05.50	Yores II	J J Grynberg	To a To Tok	Yotes Pet, elat	000	27 156 15 H89	Y	i 26 <del>- marina</del> stes Petietol .	Frint ⊕ 535
			2.4.8.2. 2.4.1.	)	7.5	1. 3541 les Pet eros 180 14(1):232	9547 4 GB 2 GR *(10765)* DBIOW 2000	Porb. B.	Voles	Pereral 12	<b>~1</b> 1 :	Sup)	lossee Ecorson, FEHOIS
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Yotes Fet Yotes Fet Yotes Fet	. 7135 Per	Yorks	Vates, etcl	Yates erai	Value 2at atal	Yotes Ya	Herice	Yotes Pet, etc. Str. Osc.	en Gesself en YolesPereral	A POWER
			44 2011 21 HBC 0-2	6.4	K-6704	4 2 · 79 HBC	4 · 16 · 73 HBC, W//2	Powell Kissinger	162 C6	M.Yoles III.	Managar.		(Aeila
1	3	1,3	ny - d 3	Yotes Peterol	Yotes Sugar	2 W.E. Welsh Yates Pet	Yaras Per Aca	101480 3	AT LINES.	T/A 1765	d Broodnick's Doursours et al Property of the Property of the	35 3181 11111	
a de la composição de l	Maria.	校 [2] [2] [2]	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	261	\$1.	(Pennzoil) HBC 3603 Fed #	0439933	Eisick <b>i</b> ssinger	Somers.		8 23 78 Oxal WCOs P34 +2Mi1	Pontil" 4 H. Horner	THE
1	3.	a said	1723 B	119 2011	5101e	93 (FEE)	Fed.	Dole Rogers, e'ar(s)	riffy.	y 5.	L.A. Nanspa	Sin Ben Acres  Con Rockson	400 AU
	2,77,57		17.50 F	Evelyn   Jerry Thomburg Thomburs 9-1-82   9-1-82 15680   15680		14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Guil (Amocé HBC 12-4: Yorks Yates (XI-	12 14 Ya'es	Bill Foreign era	Yotes (70105 93 Fet. 122 55	14757	KBC Spr	1
			Fea:	Nares Per		Serg Fee"	elgi Hissor	E A Poweller of a Rogers etoss!	Oqvid   Amaco   Militer: Amaco   1 06   1 07 16432   14757	Maller Horris	Volco)	ohnson crs ersks; 2 Hul Yert Juresh	Coquina
	AFO Yores	Pet in Original	ABOPELVA Totes Orig.Va   Yu n HBC	5664 H80	3604	es om etal 187738 ad	الأنام 18 Yotes Pa	Mysself 0440087		ugh Hinsen	US PROOF	rntorthi	10 87667
10 A	\$ £ £ 5.		7) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1		3 1 7 7 3 1	5.) (9.0%)	***	Ve 210312	"Murphy-Fed."	Amoco	4 13 91 empt 8 15-74 D Rog	umberCo. HBC ersetalist \$15E	Superior - 1 U.S Rogersphol
*		Yotes Pet 6 - 1 - 7 9 9 5 3 3	0497 HBC	4 38 нбс	Yoles Pet estis. Federal TO 8615	12 122 123 123 123 123 123 123 123 123 1	Yoles Peterol Yoles Peterol 1 2 4 4 7 15115 Pipen	Yates Pet	V.	Amoco	4.R.Co., 7086 01-11-75 0550269 D.Fasken		3 25
Tank to	7/C/ 12	MRO		Yales Pet (35.1	Profits Fed		Petetol BP 7738 Amoto	C.B. Maiswandarefol	1	<b>*</b>	3 1.82	Les Very Shizie	1
42.64 4.64 4.64 4.64 4.64 4.64 4.64 4.64	100 m		* C4008777 6.1 3. 13491	M Yates etal 10-17-77 L-321 21-75	Ya'es Fer etal   1-74   0487738	Yoles II 22:84 Yoles Pat, M I J.S.Cavert	Yoles Per, MJ J.S.Coverl S	Yotes Orig. 1/2 M. Yotes 1/2 MEP 0630	Summer	Johnson*	Yoles Pet 3 - 1 - 80 11323	Pennzoil	Bengal el
	Go: 1/20   1	1.1	51e		Frontlin As on E. Foir MBP 0471842 U.S.	S P. Johnson Jr.	imoeq 3.P. Jahnsan U.S.	40 168120 us,	Superior Lincoln County Livestock Co.(S) Dale Ri		Coquina to 8359' (US. Dale Rogers etall)	Coguinos Claricy Edward Clarcy Clancys Schre	7.0. 8035 J. N. 8035
	Motos Pet.	ties Serves) Serves 11 17 80 15 16 1-3074 0 15 16 2017 Yoles	(5016) 10fes (5016) 21-xC (4352-7016-0216 (51-516)	Gulf Gulf 2-1-84 HBP 116:525 L-4052 2972 26 28	Yates Pet. 1 - 28 - 81	Frod (Fet) 3 \ 83 \ 228 4 G 6400	CII.SEN! 10 20 10 1-4954 1823	Cities Serv. 10 - 20 - 80 1 - 4954			Yotes Per.	(Yores Pet) Pengal 72 8 Fun 11323	8 A44 40
	3533		727 31	e etal	H.E. McZenney Mrs. Lapite Firth	yas.	Yofes 3·1·89 16·6399 175.00	1 Pinter	PAR Com	""日邓仍	1110	Caraciac.	2000 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	15 m 10 10 10 10 10 10 10 10 10 10 10 10 10	Mins.	34 31 - 16		Ya'es Pet etal HBP	⊕ 1.00°	F. 4334	Yores Of	Cham I - 22	plin statistic	нвс <u>ж</u>	Rengal 72 8 Fur	dondo Por 5-13-44 VVa State
2.2	Market Contract	Miss. SAN	16.623	144Gulf D C-4052 13W1	<b>b</b> 's	Stale	1825	70684 (0/43)127	25 Rolph I		Uphom" Willie D. Alkesa V. S. Alkesan, E	0343045 HBC	HINO P
	613 3 6		Gulf L-42	Guiletol 9 · 1 · 84 22616	"atesPe",etot HBP 049773B	Yates Yates 6-7-78 6-11 78	Yates Fet. J.W.Lackey	Chomplin 4: 13: 83	Yates 2 - 19 - 22 Champlin 8 - 24 - 82	Yates Pet HBP	Yates, 83% M.D.Wisson 3 24 03	R.G. Kotell Barton M.D. Una 2 en Yulson	Honogen ( t 1
		angri v	13 7 (1) 20 10 10 10 10 10 10 10 10 10 10 10 10 10	L <i>us</i>	Notes (Antwell) Locord M	A Real Toles .	Yates Petetal	J.E.Perker Lincoln Go Livertock Cols		Willia Alkasaa	ell Powers el	Sivery	4-30-61 10-7
	# # 24 # 25 PM	laro.	n daraning	**	AR COL W 8 9	tweill etal:	0487736 2 SSA8 WC Dasc	Chungh 5-14-62 5-12-82	Champlin 5 : 14 : 82	Champlin 6 - 10 - 82	Mrs G. Pasigs Navisi Chamelini 6 - 10 - 87	23MD WAS	June 100 1000 100 1000 100 1000 100 1000 100
2	,	1 - 75 538243 Yates Pet, 12 10	Yores Per etal	ESdy Si"	ta 89: M H An Penasci H Hub F	tweil crasses	Fed.	Martha	5 - 12 - 82	xa	1 0 3 C 20 EM	Yores al Moving	
	Story Story			5/0/e di 448 7-15-75 tx 1-3094	31316	15/6/11/ 5/3.	R C.Ander	AR.Co.	Mariha Baellner	1 M. Berry E. Botes 12	Notes 0-12-22 Mi. Yates et	Yales Pel. 3	A P. Gan
	<b>86</b> <b>3</b> 3 3 3 1	12.20	8 1 HBC A	122.47 537	10 E HBC N/t	M. Antwell's	(A.R.Co.D/R)   	NY OF	HBC WIZ	HBC Fr Dovid	CON WOUSE	Of eres	Part Con
T. Pare	25	19415	Wesa Pot (No Not Gos)		2	9 78 048 735	2 MAntweil ★	W OT	Status Creen	(10) (4995 (4) (6) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	Sporter!	nen \ 26 Yales F. Su	20°0,
		2 10 10	33 AL 3096	3.5M1 U.S.	State Notes Pet , etal HBP	U.S.   A.J. Antwell 2: 20: 74 L-619 10**	Moran Co. elal (A R.Co. D/R) K · 6259		Scout Bigmood Oil) HBP Octive J.Jenn	Rending 194 E.Roles US PP: Tates Pe og eln: Pto:	MBKWOW	Your Pet Con	Saline Nove
	Slat Meso		Yotes Pet	\$ 25 15 123 11 So Rey	Rennerre.	<i>5101e</i> HBC R.Co.	Yoles U.S.En- Pet,etal ergylas	(Yates Pet stoll	(9ek)	M.Est. Siess	Jess's Wallack	Same files	Tales Per
	E	i7 p.	6-1-83 18-186 24 1	1 3134	Yotes Pet	3289 8€ V.	7675 Clote	E-1045 Inframerican Original (Allentic Rick)	Yates Pet, 10041 etal 978 167138	74) 2 B 8	(Rio Prior S. 19) Veso Disc. 1-DR 103230	Free Vistor	1-101 ES 
	36	, [	15:20 1 24		Yorn Per etal	2 TD Block	KGS EMP	Ow. State	Scoul-Fed	(w 0) Stante	County	35	γ <sub>α</sub> βυν
			A SCOLOGO		COM 7738	Pareso	35 to Yates 35 to Yates 5101e Pets Yates Pet, etal	instant KGS US.	50000000 M.D.    12 Milson    23 216 82	70 84 2 8 8	Petos Wilson Gloss 3 (4)	PVV 03	<b>6</b> 2
	اه کار کرده کارون کار کرده کارون		3 / 40 1; 16	in Mai	P2 (***) 12 12 15 15 15 15 15 15 15 15 15 15 15 15 15	LC Horris'ny	U.J. KGS	Yorks Peteral Edoles Har State	: H. H. Okto et al	AM Nowthise Much DJ. Bradsham e bl D. Nich Street al		RE Collins, etc.	
			Yales P	os 1616 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Votes Pet.		AN CHES	10.47 714334 ; 10nlo) :- :: 1E-18161	Less (493) ) Suburbuln Prop. Gos Corp. II 23:01 W 23:01	10 11 11 10 10 10 10 10 10 10 10 10 10 1	Yours and	70163 & 6101 - H.B.P. e101 - 06448	Person value
	\$ 6.00 • 5.00	5) 3 77 - 230	Siche	1 50 S	Orrosewood"			Dissir				1982	
N. Kara	Out Sold		Crob.	Christes II	Yates Reaction	Vales Pet. (Vales Orig Va)	DE Blockmon	Andorko 3:11:83	7	Case	No. 7	123	\$
1		2 s 2 5 % (	district dis	ers for ear	Corection of the Corect	Vales Pet (Name or only va) A Manufa, ha Manufa Sanaya Yana og 72. Glosseval	Sonnie Mellect	Anodarko Crancia O4.	4 1/1	4/81 Ex	aminer	tion Di Hearin	a (
		77) 15	230	more particular			Valential 1 0-74 19 3 Fazara ARCAL Fazara		Yate.	s Petro Exhib	leum C	orporat 1	ion
3		and the same	WIND IN TH	- Ca-ary - 4			***********	ARCIEFOILE		militari di di	n ev bille	الاراد والمنطق والمنطقة والمنطقة المنطقة المنطقة	

R-25-E

Timoco
Griffin
Gille

Toles
Pipkin

Morrow Penetration

♦ 152 ← \_ Thickness of Morrow Clastics

Morrow Producer



Permo-Penn Producer or Potential Producer

100 ft. Stuctural Contours on Morrow Clastics

20ft. Isopach Contours of Morrow Clastics

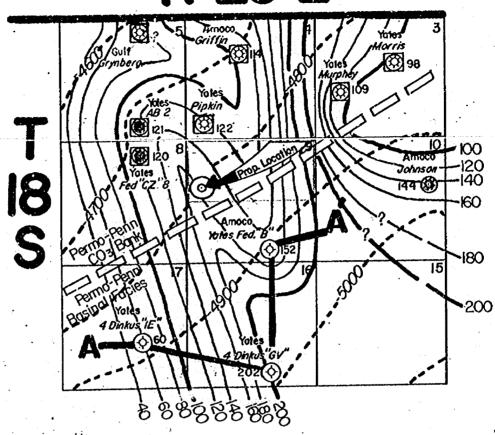
200

Front of Permo-Penn CO3 Bank

Case No. 7123
N.M. Oil Conservation Div.
1/14/81 Examiner Hearing
Yates Petroleum Corporation
Exhibit No. 2

1	Un 1 € 3. ¥ ** 338	U.S.	51614	ZQ 6373 6336	File polition 18	mil Cin
A Marcageral	A.R. Co. # 1 75 0558268	ARCO. 11) 1 - 75 0558768	despera	Yoles Pel 1500m	To the state of the second	12 14 15 2 14 15 Usuda Jinasan
LUIZ V	\	Shellow +	PUDEO NO NO! (ales Pet. 13-23 91 GOS "1 2101 Mrs. Notice Corists J. M. Jackson's Pt	Yorks Pet. 1 613 6 7. 10 073 BY 161	10 on 10 01 (11 ) 12   12   12   12   12   12   12	Ety of Ar C.F. I Imperial c
3-nee Ness Ystes	nu   Yotes   Yotes   4moto   11151	111120	thespet in your per emisin	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	E.A Behrendt	Ystes Pet.
Amoto RYHo	116 31 4 13	Tores Pet. Voies Pet.	Agent Sico Opinos 20 334 Gran (1900) Cast	* 23 3603 % 3	Yates Pet.	Witchell Dies Faterol
Special Was Capto	Grand Jingh Grand Jingh Grand Grand Marin Da Marina Marina Da Marina Marina	12932 # D Flynn, stat	11.53	3 7 7 7	Sasante 2 11 Sant Creek.	*:55
198	7.1 37.77 4.15.73 Per	Yate Pct	Yates Pet 100 0219503 etol	Yales SBI	The Yates Petiers Yates Hap Petri	Vestern Oil
o leg reging . Secret	1026 1 10120 1010 1011 1112 1112 1112 11	Go. e . Wo Ayna etcl siev } O A Ussie, Est. rolliss Position	Vales Peri (a) 63/9503 (a) 63/9503 (b) 63/9503 (c) 63/	Totes Pet (Historica) (Yales Crist 1) (Marie (1) 1 Marie (1) 1 Mar	(1919) Pyron Johan July 1	E. A. C. L. D.
Per A	Vates etcl	Yates   J. Grundera	J.J. Gryncerg Yates Pet. etai		Yates Pet etal	£ 200 300
	to all facility  Divings  Varies Pet	368	9542 01 CE	us. Ju.	States Per et al	Street Lessee Consequent
Sign	5 6 6 4 P	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Delow2000' Borb. B. U.S. Fed " Coresan	* Justen	* Weedraw Garseil	FEMORIOS :
(Proco) (1917 1996 5 19 80 (1918 15 21 54155	Yoles Fel (stas Fer	Yorrs Yates, eral 1 2 - 78 HBC	Yates, etal Yates Pet etal	Yafes Yatis HBC HBD HBD	Yoles Pel, etgl Sir Disc ( Yoles Pet 2'0' 3 3 Mil. 8-7 73	(1000) 1000311 1000311 1000311
7 (2) (e \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	)		Powell Kissinger 191450	155 M. Yates III. £ D.Y. T/A 1765	"Monseou" E.Monseou d'Groodwick (s.M.	Yole
36 Ha	Votes Pet. Votes Peterol		Yorgs Per Ace	<del>※</del> 1.7.60.1 Fit 34	Month nyotes, etal Yales Pel etal	
Public Guil	nust 15664 11461 Flat 8	51. PBC 3603	0439900	Sowers:	0.001 Pontil Pontil 106 Ett. 52.001	
State 3978	Tes .	Store   Fed #500	"Fest," Dole U.S. Royers, etails)	Fabre- U.S.	E.A. Managa Oche Burecourse	", 0
TO SEE THE VALUE OF SEE	134 761 1384 100 11 1318 201   Evelyn   Jerry 201   Chambers Chambers 566   344 88 344 88	) Gust # 1812 1834 7	Cost James Vares 1  Sout James Vares 1  18C 1:3514 Vares  201 Vares 1  Vare	11   100   1	Araco 9 12 23	رين هي: (چيمري) هه دو
Mag of	775, A 15620 15620 -	9541	ER Powelletoil		14757 GENOMISEN	- cn
MYCOING V3	Mycolnd 4 1 Yeres Per	Grynberg Fed Yeles T 5 Felia 77   Gres Orneral 3604	Norman Norman	Yales Pet	GEJohnson  O. Rogers: crosse  Wates  10: 14: 15: 15: 15: 15: 15: 15: 15: 15: 15: 15	Coquina :
ABO Pet 1/9 Yates Drig 1/9 10 - 31 - 73 0-36-99	ABO Pet 1/3 Totes Orto Vs 5665 Vest pt HBC HBC		4 A Hisbert 044000 - 19 030 U.S. Yotes Pet, atal	Yotes Hugh Hirsen	U.S O Propers HOLES MY STEEL SE	3 5 U.S F37
U.S.	V.S. Fed	AR.Co.   Size Fed 7 as 3-1-13   Open 1	tue le platin	Adurphy-Fed. U	8 15-74 O.Rogers etails) \$'25E	Superior-Fest. US Rogersphol Sw
3 1 31 Yotes Pet. 3 1 31 6 1 1 7 9	Yotes fet etal 1 - 1 - 74 C4\$7 38 HGC		S.P. Yores Yoles Peteral Yores Pet. 1-1-92 4-3-77 2 2 22 81	Amoco	4.9. Co. 708435 70 11 5 - 83	Yotes s 25 93
Aron B	7 19 7. (911stc.) Yates Pet SSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSS	Votes Pet CATIBAL Federal 100 6615 CB1313 CSCOOSC	es Fet etal	*	0.Fosken 3-1-82	12.
12 voj12			Articles State Sta	10	Yales Per Pennzoit	Halter Vices
\$5.2 E	# 04:00a7X 10-17:77 Fea: 3: 13:11 21 71	U.S.Cover)	J.S. Covert SHC HBP	Superior Johnson"	H323 Coquino - Ceguinos	
36 (1 42 )   1	510 0	As on E. Fair 189 C471842 3 P. Jehnsen, Je U.S. U.S.	us us	Lincoln County 3.E. Johnson Linesrock Co.(S) L.E.R. Fowell Dale Rogers etal(S)	Coquino to 8359' Dole Dole Rogers etaliss Clancy School	H.O. Cabbins
Cities Service) It 17 - 80 (In Escape Of Person Service) Yates Person 2011 Yorkes	(30H) 10/cs 3clf Gull (30H) 1/cc 24-84 HBP 14-852 GA STANILG 573 1-8052 26 28	Yotes Pet Prod Pet (1 - 78 - 8) 3 1 8 3 4 5 2 6	11.560 Cities Serv. 10 20 83   10 20 - 80 1.4954   1-4954	TO SEPTEMBER TO THE SEPTEMBER OF THE SEP	Yotes Per Bengal 77-8Fore	BMing ARCe
3533	'ates Per etol	H.E. Millionia	1921 14- Dinter	Strain Table	Serbie.	
ATOCO HEC	6491738 N/2 2021 3 18	Wes Lewis Fres Yours	1)5 E VAC	E.A. Hanson The Rive	Fire Mitauni	few Sec.
Robert O Anderson (S)	b 5.	0187728	Cities Serv. 1995 - 60 10 20 - 80 1666 - 7055 15 1666 1 7055 15 1666 1 1	Champlin (1974)	HBC 37 Bengol 72 Bruns 3.7 Mil 8-1901 72 Bruns 3.7 Mil 93-3045	5-15-46 NITH STSTEE PR
Des Del Citics Service)  L 3004 Wiss   Tres St 1 St 11 Disc 26 Mil	Gulf 12 Gulf 51-84 12 1-4052 161573 31816-244-51	sie	1043 H 77	25 Rolph Nich	"Uphon" HBC "Illia D Alkeson "8.41keson.fst. V.S.	Niger July
Mesa Pet E. No Vat Gas Mo. Nat Gas	Gul C 3.1.84 2.26.6	Vales Pet etal Yales Yales Har Ber 171 0697738 (Vilabelle)	Yates Pet. 4:12:83	Yales Yales Pet	Yores, a3 % R.G. Yores as	Honogoniy!
SE AND LISTED	1.42) <u>U.S.</u>	Yores (Antwell) 12 WARCADS	JW.Lackey Yates Petietal J.E. Perker	6 · 23 · 61 8 · 24 · 62	3 24 03 Una 1 4 1/8500 3 23 8 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	M.O.Wilson
TOOK 24	13 1 150 mm 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Yoles O Comin Scale	0487733 Livedeck Co.S.	Sannia Microsoft Willia Alkasan V.W. Lockey 22 8. Alkesan Es	Vill Pareca the France Bures	a 90 ga 10-30-7 Jydig (337)d Vairt.(33%)
then	\$2.54 \$4.00	K 6845 (A.J. Antweil) eral :	A.C Dec. 2.15.95	Champlin 5 : 14 : 62 6 : 10 : 62 5 : 12 : 62	Crempin 2 20 65 14 6	TOTAL PART &
Yates Pet. /2	YotesPer etal  Osenings HBC  State	M. H. Antwell DARTERS Persosco H. Hubert # State J. J. J. Jable Lett. U.S.	Fed " U.S.  R O. Anders n(s)   Norther	Lauisa Bealiner J M. Berry	Mowning of the state of the sta	
Votes Fet 1-JM	Yates, etal ,448 7-15-75 5: 1-3095	The state of the s	Moran Co. etal AR.Co.	Bording E Bores 12	Yoles D-13 (2) M. Yafes, stol O630 Yeles Pel (3) HBP 665	)c/m
b 12 Co.7. Amoco	in a hac mis steir	HBC W. Antwell	(A.F. Co.D/R) HBP HBC K-6458 K-6458	HBC E/Z  David  Fasken	CONTROLLES R.S. Stein del	Pie por ro
25 25	;; <del>-</del>  ==30===	29 29	28 x 0	W.B. Lincola vio	1931 Yalesfee (155)	(D), US
<b>⊗</b>	(No Not Gos) *	State "Rio"	14 9124 T	Court Biomeou Reading Suc. Coll Ethores U.S.	Nondbisc. YatesPel. /	10 (25 bons)
- 製養	1/3 1 HBC\$2 SO Roy. 19. H31. 15.75 15.13. 601. 13.75 Parasco S1 310/6 2513 123 11	10-16 Pet etal AJ Antwell KSP L-615 10 9 04877 96 5/6/E MSC		Cernis J. Jennings elo: Perolis Peroli		The plan of
Meso Pet	Yores Pet So Roy	Ryongres LA.R.Co.	Yates USEn (rates Pet etal)	(Belch 2 p M11)11501 (Gree Fed at 8-14-64	Voles Pal etal Champage	Yoles Pet m
L-30:7	18466 (HBC) 12535	Yotes Pet	7675 Triefly Gross From Triefly Gross Gros	787138 Mes Bros. (10)	Yeso Disc. 2. C. State Del	Alovo
36	(A) US:31		U.S. EMPIRE DV. State		Guston in Wilson, etc.	, V.1.
* 37,441	Sacolor eller bles of	0447734 HBP 87690	ACO HOC CON Yolks Pet, elot 0.19 - 75 6-154 6.45 8 36.6 Yoles 1913 76 11 36.6 Yoles 1913 76 11 31.016 Pet S 17.5	Suburben (Fron Gos Peres) M.O. 11 - 12 - 13 - 13 - 13 - 13 - 13 - 13 -	Part of the second seco	
'Rio. 51,"	Carried State of the state of t	brien sein priem sero.	Yoter Pet, etat.	Suburbon Prop	Tors of the state	I Milk. TR
		U S. 31016	en (4) (4) (4) (5) (5) (7) (7)	The class of the second	Yere, trail Yole Brow.	au ama
	THE THE PARTY OF T	elol cerano hibe fineter	Migapel Control	Suburban Prop Estatus Yoles GSS Corp 1 % 81 1122 0 10 22 01 6 77 50 14 14 14 14 14 14 14 14 14 14 14 14 14	61 31 613 H BP. 6131 8	Pecos Ve
o' same	5,2,2	are state	Style Mich Herwich	PRWnklestel Sixualist And		
The state of the s	#12/2/2 # (4/2) # (4/2)	(Mach) Gillian Grand (Mach) Yolg Petagon (Mach) Yolg Petagon (Mach) Yolg Petagon (Mach) Yolg Mach (Mach) Yol	DE Blockmar ( Anodarko		o. 7123	155
	**************************************	COPERTY STATISTAN	Anddorko   Anodorko   Anodorko   Crantestalia Elitara   Anodorko	N.M. Oil Cons	ervation Div.	Jimb as
S William St.		CE / William Programme	Annie Mellete Cronnsen Alie Et 1911 A Nieno 1/2/31 atrastalia bis David Foshen	Yates Petrole	um Corporation	n (%)
The section of	article for the formers		Original Day Control Control	Exhibit	process of the contract of the	11 4
الماد المادية والمنطقة والمقطعة والمرافق		State of the state	The state of the s	The second secon	The state of the s	

R-25-E



Morrow Penetration

(5) 152 - Thickness of Morrow Clastics



Morrow Producer



Permo-Penn Producer or Potential Producer

100 ft. Stuctural Contours on Morrow Clastics

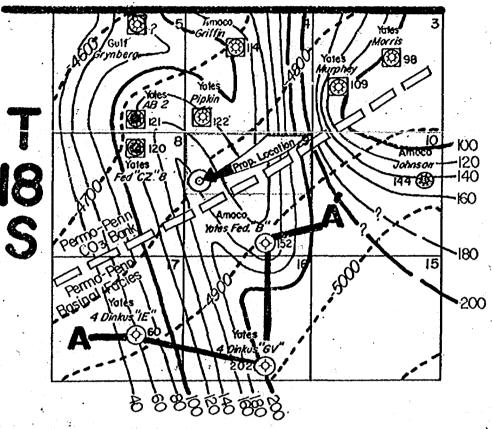
20 ft. Isopach Contours of Morrow Clastics

20

Front of Permo-Penn CO3 Bank

Case No. 7123
N.M. Oil Conservation Div.
1/14/81 Examiner Hearing
Yates Petroleum Corporation
Exhibit No. 2

# R-25-E



Morrow Penetration
Thickness of Morrow Clastics

Morrow Producer

(3)

Permo-Penn Producer or Potential Producer

100 ft. Stuctural Contours on Morrow Clastics

20ft. Isopach Contours of Morrow Clastics

200

Front of Permo-Penn CO3 Bank

Case No. 7123
N.M. Oil Conservation Div.
1/14/81 Examiner Hearing
Yates Petroleum Corporation
Exhibit No. 2

Dockets Nos. 4-81 and 5-81 are tentatively set for January 28 and February 11, 1981. Applications for hearing must be filed at least 22 days in advance of hearing date.

#### DOCKET: EXAMINER HEARING - WEDNESDAY - JANUARY 14, 1981

9 A.M. - OIL CONSERVATION DIVISION CONFERENCE ROOM, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

The following cases will be heard before Richard L. Stamets, Examiner, or Daniel S. Nutter, Alternate Examiner:

- ALLOWABLE: (1) Consideration of the allowable production of gas for February, 1981, from fifteen prorated pools in Lea, Eddy, and Chaves Counties, New Mexico.
  - (2) Consideration of the allowable production of gas for February, 1981, from four prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico.
- CASE 7117: Application of Gulf Oil Corporation for a non-standard gas proration unit, unorthodox location, and simultaneous dedication, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the simultaneous dedication of a previously approved 320-acre non-standard proration unit comprising the E/2 of Section 25, Township 20 South, Range 36 East, Eumont Gas Pool, to its L. W. White (NCT-A)Wells No. 2 in Unit I and No. 7 at an unorthodox location 990 feet from the North line and 660 feet from the East line of said Section 25.
- Application of El Paso Exploration Company for downhole commingling, Rio Arriba County,
  New Mexico. Applicant, in the above-styled cause, seeks approval for the downhole commingling
  of South Blanco-Tocito and Basin-Dakota production in the wellbore of its Jicarilla 152 W Well
  No. 3 in Unit D of Section 7, Township 26 North, Range 5 West.
- CASE 7119: Application of Shell Oil Company for a unit agreement, Bernalillo and Sandoval Counties, New Mexico. Applicant, in the above-styled cause, seeks approval for the West Mesa Unit Area, comprising 26,722 acres, more or less, of State, Federal, and fee lands in Townships 10, 11, and 12 North, Ranges 1 and 2 East.
- CASE 7120: Application of Dugan Production Corporation for downhole commingling, San Juan County, New Mexico.

  Applicant, in the above-styled cause, seeks approval for the downhole commingling of undesignated Gallup and Basin-Dakota production in the wellbore of its Merry May Well No. 1 in Unit I of Section 24, Township 24 North, Range 10 West.
- Application of Flag-Redfern Oil Co. for downhole commingling, San Juan County, New Mexico.

  Applicant, in the above-styled cause, seeks approval for the downhole commingling of Pinon-Fruitland and Fulcher Kutz-Pictured Cliffs production in the wellbores of its Aloha Wells Nos. 1 and 2 located in Units L and D, respectively, of Section 16, Township 28 North, Range 11 West.
- CASE 7122: Application of Elk Oil Company for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Pennsylvanian formation in the interval from 10,445 feet to 10,516 feet in its C. S. State Well No. 2 in Unit K of Section 26, Township 14 South, Range 34 East, High Plains-Pennsylvanian Pool.
- CASE 7123: Application of Yates Petroleum Corporation for an unorthodox gas well location, Eddy County,
  New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location
  of its Federal "AB" Well No. 7, a Morrow test to be drilled 1980 feet from the North line and
  660 feet from the West line of Section 9, Township 18 South, Range 25 East, the N/2 of said
  Section 9 to be dedicated to the well.
- CASE 7124:

  Application of Caribou Four Corners, Inc. for two non-standard proration units, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval for two non-standard oil proration units in Section 13, Township 29 North, Range 15 West, Cha Cha-Gallup Oil Pool, as follows: a 56.09-acre unit consisting of those fee lands comprising the NE/4 NW/4 and northermost 16.09 acres of the SE/4 NW/4 of said Section 13, and a 66.33-acre unit consisting of those fee lands comprising the NW/4 NW/4 and northermost 23.33 acres of the SW/4 NW/4 of said Section 13. In the alternative applicant seeks an order directing the escrowing of funds attributable to those lands in the E/2 NW/4 and W/2 NW/4, respectively, of said Section 13 which are not included in the above-described non-standard proration units.

LOSEE, CARSON & DICKERSON, P. A.

300 AMERICAN HOME BUILDING

P. O. DRAWER 239

AREA CODE 505 746-3508

JOEL M. CARSON CHAD DICKERSON DAVID R. VANDIVER

A.J. LOSEE

ARTESIA, NEW MEXICO 88210:

DEC 22 1980
OIL CC SANTA FE

Mr. Joe D. Ramey, Director Energy and Minerals Department Oil Conservation Division P. O. Box 2088 Santa Fe, New Mexico 87501

Case 7/23

Re: Federal "AB" No. 7 Well N/2 Sec. 9, T-18-S, R-25-E, NMPM

Dear Mr. Ramey:

Enclosed for filing, please find three copies of the Application of Yates Petroleum Corporation for an Unorthodox Gas Well Location in Eddy County, New Mexico.

We ask that this case be set for hearing before an examiner and that you furnish us with a docket of said hearing.

Thank you.

Sincerely yours,

LOSEE, CARSON & DICKERSON, P.A.

Chad Dickerson

CD:pvm Enclosures

cc w/enclosure: Yates Petroleum Corporation

DEO 22 196

### BEFORE THE OIL CONSERVATION DIVISION

OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF YATES PETROLEUM CORPORATION FOR AN UNORTHODOX GAS WELL LOCATION, EDDY COUNTY, NEW MEXICO

CASE NO. 7/23

## APPLICATION

COMES NOW Yates Petroleum Corporation, by its attorneys, and in support hereof, respectfully states:

 Applicant is the operator of the Morrow formation underlying:

Township 18 South, Range 25 East, N.M.P.M.

Section 9: N/2

and proposes to drill its Federal "AB" No. 7 Well at a point located 1,980 feet from the north line and 660 feet from the west line of Section 9.

- 2. The applicant seeks an exception to the well location requirements of Rule 104-C.2(a) of the Oil Conservation

  Division to permit the drilling of the well at the above mentioned unorthodox location to a depth sufficient to adequately test the Morrow formation.
- 3. A standard 320-acre gas proration unit comprising the N/2 of said Section 9 should be dedicated to such well or to such lesser portion thereof as is reasonably shown to be productive of gas.
- 4. The approval of this application will afford applicant the opportunity to produce its just and equitable share of gas, will prevent economic loss caused by the drilling of unnecessary wells, avoid the augmentation of risk arising from the drilling of an excessive number of wells, and will otherwise prevent waste and protect correlative rights.

# WHEREFORE, applicant prays:

- A. That this application be set for hearing before an examiner and that notice of said hearing be given as required by law.
- B. That upon hearing the Division enter its order granting applicant permission to drill its Federal "AB" No. 7 Well 1,980 feet from the north line and 660 feet from the west line of said Section 9, and to dedicate the N/2 of Section 9, which is reasonably presumed to be productive of gas from the Morrow formation, to said well.
- C. And for such other and further relief as may be just in the premises.

YATES PETROLEUM CORPORATION

By Chad Dickerson

LOSEE, CARSON & DICKERSON, P.A. P. O. Drawer 239

Artesia, New Mexico 88210

Attorneys for Applicant

DEC 22 1980 | SION

# REPORE THE OTH COMMENCAPION DIVISION

OF THE STATE OF HER MEXICO

IN THE NATTER OF THE APPLICATION OF YATES PETPOLEUM CORPORATION FOR AM UNOPTHODOX GAS VELL LOCATION, EDDY COUNTY, MEW MEXICO

CASE NO. 7/23

# APPLICATION

COMES NOW Yates Petroleum Corporation, by its attornews, and in support hereof, respectfully states:

1. Applicant is the operator of the Horrow formation underlying:

Township 18 South, Range 25 Bast, W.M.P.M.

Section 9: 17/2

and proposes to drill its Federal "AB" No. 7 Well at a point located 1,980 feet from the north line and 660 feet from the west line of Section 9.

- 2. The applicant seeks an exception to the well location requirements of Rule 104-C.2(a) of the Oil Conservation Division to permit the drilling of the well at the above mentioned unoxthodox location to a depth sufficient to adequately test the Morrow formation.
- 3. A standard 320-acre gas proration unit comprising the N/2 of said Section 9 should be dedicated to such well or to such leaser portion thereof as is reasonably shown to be productive of gas.
- 4. The approval of this application will afford applicant the opportunity to produce its just and equitable share of gas, will prevent economic loss caused by the drilling of unnecessary wells, avoid the augmentation of risk arising from the drilling of an excessive number of wells, and will otherwise prevent waste and protect correlative rights.

EDEREFORE, applicant prays:

- A. That this application be set for hearing before an examiner and that notice of said hearing be given as required by law.
- 5. That upon hearing the Division enter its order granting applicant permission to drill its Federal "AB" No. 7 well 1,900 feet from the north line and 660 feet from the west line of said Section 9, and to dedicate the N/2 of Section 9, which is reasonably presumed to be productive of gas from the Morrow formation, to said well.
- C. And for such other and further relief as may be just in the premises.

YATES PETROLEUS CORPORATION

By: Chad Dickerson

LOSFE, CARSON & DICKERSON, P.A. P. O. Drawer 239
Artesia, New Mexico 88210

Attorneys for Applicant

IN THE MATTER OF THE APPLICATION OF YATES PETROLEUM CORPORATION FOR AN UNORTHODOX GAS WELL LOCATION, EDDY COUNTY, NEW MEXICO

CASE	NO.	dur was prichts what an analyt facts that high an

# APPLICATION

COMES NOW Yates Petroleum Corporation, by its attorneys, and in support hereof, respectfully states:

1. Applicant is the operator of the Morrow formation underlying:

Township 18 South, Kange 25 East, N.M.P.M.

Section 9: N/2

and proposes to drill its Federal "AB" No. 7 Well at a point located 1,980 feet from the north line and 660 feet from the west line of Section 9.

- 2. The applicant seeks an exception to the well location requirements of Rule 104-C.2(a) of the Oil Conservation Division to permit the drilling of the well at the above mentioned unorthodox location to a depth sufficient to adequately test the Morrow formation.
- 3. A standard 320-acre gas provation unit comprising the N/2 of said Section 9 should be dedicated to such well or to such lesser portion thereof as is reasonably shown to be productive of gas.
- 4. The approval of this application will afford applicant the opportunity to produce its just and equitable share of gas, will prevent economic loss caused by the drilling of unnecessary wells, avoid the augmentation of risk arising from the drilling of an excessive number of wells, and will otherwise prevent waste and protect correlative rights.

WHEREFORE, applicant praye:

- A. That this epplication be set for hearing before an examiner and that notice of said hearing be given as required by law.
- 8. That upon hearing the Division enter its order granting applicant permission to drill its Federal "AB" No. 7 Well 1,980 feet from the north line and 660 feet from the west line of said Section 9, and to dedicate the E/2 of Section 9, which is reasonably presumed to be productive of gas from the Morrow formation, to said well.
- C. And for such other and further relief as may be just in the premises.

YATES PETROLEUM CORPORATION

By: Chad Dickerson

LOSEE, CARSON & DICKERSON, P.A. P. O. Drawer 239
Artesia, New Mexico 88210

Attorneys for Applicant

# STATE OF NEW MEXICO

dr/

ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:			<b>9</b> - 10 - 1
O A R		7197	
JOY -	CASE NO.	_	
		R- 6567	
APPLICATION OF YATES PETROLEUM C	ORPORATION		
FOR AN UNORTHODOX GAS WELL LOCA	rion,		
EDDY COUNTY, NEW I	MEXICO.	1.0/1	<b>!</b>
ORDER OF THE	DIVISION		
BY THE DIVISION:		**	
This cause came on for hear	cing at 9 a	ım. on Janu	Jary 14
1981 , at Santa Fe, New Mexico	_		
			nang ti
NOW, on thisday of_		a di	
Director, having considered the			
recommendations of the Examiner,	and being	fully advis	ed in the
premises,			
FINDS:			
(1) That due public notice	having be	en given as	required by
law, the Division has jurisdicti	on of this	cause and t	he subject
matter thereof.			
(2) That the applicant, Y for its Federal "AB" Well No. seeks approval of an unorthodox	7 to be dri	hall	
feet from the North line a			
West line of Section 9		The state of the s	
Range <sup>25</sup> East , NMPM, to			T 4 T 1 T 1 T 1 T 1 T 1 T 1 T 1 T 1 T 1
formation,			
County, New Mexico.	0 · 2		
(3) That the N/2 of s	aid Section	a 9	is to be
dedicated to the well.			
(4) That a well at said und	orthodox lo	cation will	better
enable applicant to produce the	gas underly	ing the prop	ation unit.

(5) That no offset operator objected to the proposed unorthogs.

location.

-2-			
Case	No.		
<b>Order</b>	No.	R-	

(6) That approval of the subject application will afford the applicant the opportunity to produce its just and equitable share of the gas in the subject pool, will prevent the economic loss caused by the drilling of unnecessary wells, avoid the augmentation of risk arising from the drilling of an excessive number of wells, and will otherwise prevent waste and protect correlative rights.

# IT IS THEREFORE ORDERED:

(1) That	an unort	hodox gas w	ell location f	or the	Morrow	
ne Yates Petro formation is her	leum Co	rporation'	s Federal "A	B" Well	No. 7	1980
feet from the	North	_line and _	660 feet	from the	West	
line of Section	9	, Township	18 South	, Ran	ge <u>25 Ea</u>	st
NMPM,				Pool,	Eddy	County,
New Mexico.	, F			*		

- (2) That the  $\frac{N/2}{}$  of said Section  $\frac{9}{}$  shall be dedicated to the above-described well.
- (3) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.