CASE 6243: CAULKINS OIL COMPANY, FOR FOUR UNORTHODOX GAS WELL LOCATIONS, RIO ARRIBA COUNTY, N. MEX.

CASE NO.

6243

APPlication,
Transcripts,
Small Exhibits,

ETC.

	STATE OF NEW MEXICO	
	ENERGY AND MINERALS DEPARTMENT	
2	OIL CONSERVATION DIVISION	
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	Santa Fe, New Mexico	
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	EXAMINER HEARING	
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*	Application of Caulkins Oil Company) CASE
8	for four unorthodox gas well loca-) 6243
	tions, Rio Arriba County, New Mexico.	<u> </u>
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₽ 15	APPEARANCES	
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	For the Oil Conservation Lynn Teschendo	orf, Esq.
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	State Land Off	
18	Santa Fe, New	
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	For the Applicant: W. Thomas Kell	lahin Esq
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INDEX

CHARLES VERQUER

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Direct Examination by Mr. Kellahin Cross Examination by Mr. Nutter

EXHIBITS

Applicant Exhibit One, Map Applicant Exhibit Two, Application Applicant Exhibit Three, Application Applicant Exhibit Four, Application Applicant Exhibit Five, Dedication plat Applicant Exhibit Six, Application Applicant Exhibit Seven, Dedication Plat Applicant Exhibit Eight, Application Applicant Exhibit Nine, Dedication Plat

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MR. NUTTER: Call Case Number 6243.

MS. TESCHENDORF: Case 6243. Application of Caulkins Oil Company for four unorthodox gas well locations, Rio Arriba County, New Mexico.

MR. KELLAHIN: I'm Tom Kellahin of Kellahin and Fox, Santa Fe, New Mexico, appearing on behalf of Caulkins Oil Company. I have one witness.

(Witness sworn.)

CHARLES VERQUER

being called as a witness and having been duly sworn upon his oath, testified as follows, to-wit:

DIRECT EXAMINATION

BY MR. KELLAHIN:

- Q. Would you please state your name and occupation?
- A. My name is Charles Verquer. I'm Superintendent for Caulkins Oil Company.
- Mr. Verquer, have you previously testified

 before the Oil Conservation Division and had your qualifications as an expert witness accepted and made a matter

 of record?
 - A. I have.
 - O I tender Mr. Verquer as an expert witness.

 MR. NUTTER: Mr. Verquer is qualified.

SALLY WALTON BOYD
CERTIFIED SHORTHAND REPORTER
Bishop's Lodge Read • Phone (505) 886-340
Sante Fe, New Mexico 87501

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Q. (Mr. Kellahin continuing.) Would you refer to what we have marked as Exhibit Number One and identify that?

A. This is a map of the Caulkins property in Rio Arriba County with the wells that we're asking for the unorthodox location approvals identified with a red arrow.

- Q In what pool are these wells located?
- A. The Mesaverde is in the south and the Blanco-Mesaverde pool.
- Q Okay. In what way are all four of these wells unorthodox?

A. They're all old Tocito oil wells that were drilled to the Tocito zone previously, and for the Mesaverde zone they are unorthodox because they are all in the southeast quarter of the section; being the first Mesaverde wells to be completed in that zone, they are unorthodox because they should either be in the northeast or the southwest quarter.

Q Would you refer to what I've marked as Exhibit

Number Two and identify it?

A Exhibit Number Two is an application to deepen, plug back, or so forth, to USGS for each individual well, with our proposed -- with the well history and proposed plugging and recompletion.

Q All right. Exhibit Number Two is for the

		1	Breech "E" No. 104 Well, is that correct?
Mai		2	A. That's correct.
Γ		3	Q. And where is that well located on Exhibit Number
Na.		4	One?
H		5	A, On Exhibit Number One? In the southeast
¥.		6	quarter of Section 5, 660 feet from the south and 660 feet
4.5		7	from the east.
344		8	Q Okay. What is the current status of that
	<u> </u>	9	well?
	OYD OMER 988 882 45.	10	A. It was abandoned as a Tocito producer in 1965
jes.	N BO B REPO! None (50)	11	and it has been in a temporarily abandoned state since, to
	ALTO DATHAN You Max	12	date.
	LLY W	13	Q What do you propose to do with that well?
M	SAL GENTIL Bishop's	14	A. We propose to plug it back to the Mesaverde
	730	15	zone and perforate and recomplete the well as a commingled
		16	Chacra-Mesaverde gas well.
H		17	Q. And has Caulkins already obtained approval
18		18	from the Oil Conservation Division for the commingling
		19	of the Chacra and the Mesaverde?
14		20	A. They have.
H		21	Q. What is that order number?
1		22	A. R-5647.
123		23	Q. Please refer to Exhibit Number Three and
he.	(3)	24	identify it.
		25	A. It's for Well No. 587 and that's in the
18			

MR. KELLAHIN: Excuse me, I've numbered the exhibits different than you're looking at. Let's use mine.

A. Oh, excuse me. Okay.

All right. Exhibit Number Four is for 104 --

- Q Exhibit Number Three, excuse me.
- A. Three is for 104, it's the dedicated acreage for the Mesaverde zone. It's just a dedication plat for the Mesaverde zone.
- Q All right. Now let me show you what I've marked as Exhibit Number Four and ask you to identify that.
- Q Okay, that's for our Number 587, which is located 1880 from the south, 1980 from the east of Section 4, 26 North, 3 West.
 - Q. And what is the status of that well?
- A. That well is -- that was abandoned as a water injection well for the Tocito zone in 1966 and it has been temporarily abandoned state since that time.
 - And what do you propose to do with that well?
- Me propose to plug back to the Mesaverde zone and recomplete it as a single Mesaverde gas well.
- Q Okay. I show you Exhibit Number Five and ask you to identify that.
 - A. That is an acreage dedication plat for the

Mesaverde zone for Well No. 587.

I show you what I've marked as Exhibit Number Six and ask you to identify that.

Exhibit Number Six is for Well No. 207. It's located 660 from the south, 1980 from the east of Section 10, Township 26 North, 6 West.

What's the current status of that well?

That well is also an old Tocito injection well that was abandoned in 1965 and has been in that state since to date.

What are your plans -- excuse me.

What are your plans for the well in Section 10?

We propose to plug back from the Tocito zone to the Mesaverde and then recomplete the well in the Chacra and Mesaverde zone as a gas well.

Okay. Have you obtained Division approval for the commingling of the Chacra and Mesaverde?

We have.

And that is the same order number as you previously testified?

Right, 5647.

I show you Exhibit Number Seven and ask you to identify that.

That is an acreage dedication plat to the Mesaverde zone for the Well No. 207.

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Okay. I show you Exhibit Number Eight and ask you to identify it.

A. That's for Well No. 679, 1980 from the south, 1980 from the east of Section 9, 26 North, 6 West.

Q And what is the current status of that well?

A. This well was a -- was the original Tocito discovery well. It is now, and has been since 1962, abandoned in a temporary -- temporarily abandoned state. But that was the discovery well.

Q What do you propose to do with that well?

A. We propose to plug it back to the Mesaverde zone and then recomplete it in the Chacra and Mesaverde commingled.

Q Was that well also included in approval by the Division in Order Number R-5647?

A. It was.

Q I show you Exhibit Number Nine.

That's an acreage dedication plat for Well No. 679, for the Mesaverde zone.

Now, Mr. Verquer, who controls the offsetting acreage with regards to all these wells?

A. There's a block in the west half of Section 34, 27 North, 6 West that is controlled by -- that's a diagonal offset of the 587 well, that is controlled by El Paso, and in Section 15, 26 North, 6 West, there's 160-acre

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Sente Fe, New Mexico 87801

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block in the southeast quarter of Section 15 that is controlled by Adobe Oil Company.

Apart from those two exceptions, all the rest of the acreage is operated by Caulkins?

A. Correct.

In your opinion, Mr. Verguer, will approval of this application be in the best interests of conservation, the prevention of waste, and the protection of correlative rights?

It will.

Were Exhibits One through Nine prepared by you directly or compiled under your direction and supervision?

Yes, sir. One other thing, in the Section 5, Section 32, 27 North, 6 West, is also El Paso, and the block in the northwest quarter is also Adobe.

MR. KELLAHIN: We move for the introduction of Exhibits One through Nine.

MR. NUTTER: Applicant's Exhibits One through Nine will be admitted in evidence.

CROSS EXAMINATION

BY MR. NUTTER:

Mr. Verquer, all four of the subject wells we're talking about here today, were originally drilled

MR. KELLAHIN: No, sir.

Do you have anything further, Mr. Kellahin?

MR. NUTTER: Does anyone have anything they

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	1	wish to offer in Case Number 6243?			
•	2	We'll take the case under a	ıdvis	ement	
	3	(Hearing concluded.)			
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REPORTER'S CERTIFICATE

I, SALLY WALTON BOYD, a Court Reporter, DO HEREBY

CERTIFY that the foregoing and attached Transcript of

Hearing before the Oil Conservation Division was reported

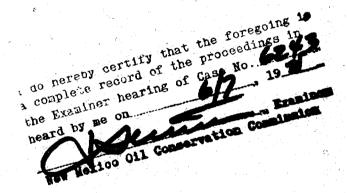
by me; that said transcript is a full, true, and correct

record of the hearing, prepared by me to the best of my

ability, knowledge, and skill from my notes taken at the

time of the hearing.

Sally Walton Boyd, C.S.R.





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

JERRY APODACA COVERNOR

NICK FRANKLIN BECRETARY

June 16, 1978

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING BANTA FE, NEW MEXICO 8750 (505) 827-2434

	Mr. Tom Kellahin	Re:	CASE NO.	624 R-574	
	Kellahin & Fox Attorneys at Law Post Office Box 1769 Santa Fe, New Mexico		Applicant	*	<u> </u>
			Caul	kins Oil	Сопрапу
	Dear Sir:				
*	Enclosed herewith are Division order recent				
	Yours very truly,			•	
	JOE D. RAMEY Director				
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	JDR/fd		F. C.		
	JDR/fd Copy of order also se	nt to:	The same		
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STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

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

CASE NO. 6243 Order No. R-5747

APPLICATION OF CAULKINS OIL COMPANY FOR FOUR UNORTHODOX GAS WELL LOCATIONS, RIO ARRIBA COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on June 7, 1978, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 15th day of June, 1978, 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, Caulkins Oil Company, seeks approval of unorthodox gas well locations for its Breech "E" Wells Nos. 104 and 587, located in Unit P of Section 5 and Unit J of Section 4, respectively, and its Breech "A" Wells Nos. 207 and 679, located in Unit O of Section 10 and Unit J of Section 9, respectively, all in Township 26 North, Rauge 6 West, Blanco Mesaverde Pool, Ric Arriba County, New Mexico.
- (3) That the E/2 of said Sections 5 and 4, respectively, is to be dedicated to the above-described Breech "E" Wells Nos. 104 and 587 and the E/2 of said Sections 10 and 9, respectively, to the Breech "A" Wells Nos. 207 and 679.
- (4) That each of said wells was originally drilled at a standard location for the South Blanco-Tocito Oil Pool, but has long been shut in as no longer productive from said pool.
- (5) That no offset operator objected to the proposed unorthodox locations.

-2-Case No. 6243 Order No. R-5747

(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 unorthodox gas well locations for the Mesaverde formation are hereby approved for the Caulkins Oil Company Breech "E" Wells Nos. 104 and 587, located in Unit P of Section 5 and Unit J of Section 4, respectively, and the Breech "A" Wells Nos. 207 and 679, located in Unit O of Section 10 and Unit J of Section 9, respectively, all in Township 26 North, Range 6 West, Blanco Mesaverde Pool, Rio Arriba County, New Mexico.
- (2) That the E/2 of said Sections 5 and 4, respectively, shall be dedicated to the above-described Breech "E" Wells Nos. 104 and 587 and the E/2 of said Sections 10 and 9, respectively, to the Breech "A" Wells Nos. 207 and 679.
- (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-above designated.

SEAL

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

Director

Dockets Nos. 21-78 and 22-78 are tentatively set for hearing on June 21 and July 6, 1978. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - JUNE 7. 1978

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

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

- <u>CASE 6235</u>: In the matter of the hearing called by the Oil Conservation Division on its own motion to permit Black Diamond Oil Company and all other interested parties to appear and show cause why the Well No. 1 located in Unit C of Section 27, Township 29 North, Range 11 West, San Juan County, New Mexico, should not be plugged and abandoned in accordance with a Division-approved plugging program.
- CASE 6236: In the matter of the hearing called by the Oil Conservation Division on its own motion to permit Bloomfield Oil & Gas Company and all other interested parties to appear and show cause why the C. Hare Well No. 3 located in Unit N of Section 15 and the H. D. Abrams Well No. 5 located in Unit E of Section 23, both in Township 29 North, Range 11 West, San Juan County, New Mexico, should not be plugged and abandoned in accordance with a Division-approved plugging program.
- CASE 6237: In the matter of the hearing called by the Oil Conservation Division on its own motion to permit Finley & Johansen and all other interested parties to appear and show cause why the Hare Well No. 1 located in Unit C of Section 22, Township 29 North, Range 11 West, San Juan County, New Mexico, should not be plugged and abandoned in accordance with a Division-approved plugging program.
- CASE 6238: Application of Barber Oil, Inc., for a unit agreement, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for its Saladar Unit Area comprising 240 acres, more or less, of Federal and fee lands in Township 20 South, Range 28 East, Eddy County, New Mexico.
- CASE 6226: (Continued from May 17, 1978 Examiner Hearing)

 Application of Barber Oil, Inc. for a waterflood project, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a waterflood project on its Saladar Unit, by the injection of water into the Yates formation through five wells located in Units K, L, N and O of Section 33, Township 20 South, Range 28 East, Saladar-Yates Pool, Eddy County, New Mexico.
- CASE 6239: Application of Robert N. Enfield for a unit agreement, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for his North Lake McMillan Unit Area comprising 3194 acres, more or less, of Pederal and fee lands in Township 19 South, Ranges 26 and 27 East, Eddy County, New Mexico.
- CASE 6240: Application of Bass Enterprises Production Company for an unorthodox oil well location, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Navajo 20 Well No. 1, a Barker Creek oil test to be drilled 1190 feet from the South line and 2510 feet from the East line of Section 20, Township 27 North, Range 19 West, San Juan County, New Mexico, the SW/4 SE/4 of said Section 20 to be dedicated to the well.
- CASE 6241: Application of Yates Petroleum Corporation for downhole commingling, Eddy County, New Mexico.

 Applicant, in the above-styled cause, seeks authority to commingle Eagle Creek Permo-Penn and West Atoka-Morrow gas production in the wellbore of its Powell DG Well No. 1 located in Unit O of Section 35, Township 17 South, Range 25 East, Eddy County, New Mexico.
- CASE 6242: Application of C & E Operators, Inc., for compulsory pooling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Pictured Cliffs formation underlying the SE/4 of Section 32, Township 32 North, Range 10 West, San Juan County, New Mexico, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in drilling said well.

CASE 6243: Application of Caulkins Oil Company for four unorthodox gas well locations, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Breech "E" Wells Nos. 104 and 587, located in Unit P of Section 5 and Unit J of Section 4, respectively; and its Breech "A" Wells Nos. 207 and 679, located in Unit J of Sections 10 and 9, respectively, all in Township 26 North, Range 6 West, Blanco Mesaverde Pool, Rio Arriba County, New Mexico.

Form approved, Budget Bureau No. 42-R1425.

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

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Caulkins O	il Company			Breech "	<u>C.</u>
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Abandoned as Tocito It is now proposed to perforating Mesa Ver A pit 20 X 20 X 4' of cleaning up and test recompletion. After recompletion, facilities with BIM to is proposed to subject to approvalacker will be set	to plug back and recode and Chacra zones on existing location ing. Blowout preversit will be covered approved seeding procumingle productions.	complete well in them fracturing will be required and location cogram.	ng to stimu red to conta sed while p reseeded to nacra and	late production in frac water lugging back a within 5' of	n. while nd all zones
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NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

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

All distances must be from the outer boundaries of the Section Operator Well No. Caulkins Oil Company Breech "E" 104 County Unit Letter Section 6 W 5 26 North Rio Arriba Actual Footage 660 South 660 East und Level Elev Dedicated Acreage: 6505 Mesa Verde& Chacra Blanco MV & Otero-Chacra 1. Outline the acreage dedicated to the subject well by colored pencil or bachure marks on the plat below, 2. If more than one lease is dedicated to the well, ontline each and identify the ownership thereof (both as to working interest and royalty). 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 "yes," type of consolidation If answer is "no," list the cwners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.). No 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 Commission. CERTIFICATION by certify that the information c rein is true and co Superintendent Caulkins Oil Co. 5-30-78 Dute Surveyed 1958 July 15, < 660' Ernest V. Echohawk Certificate No.

UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

Form approved, Budget Bureau No. 42 R1425. (Other instructions on reverse side) 5. LEARN DESIGNATION AND SERIAL NO. N M 03551 xico ate. ecde

Caulkins Oil Company 3. Address of Delants P.O. Box 34,0, Bloomfield, New Mexico 4. Delants of Well. (Report location clesity and in accordance with any State requirements.) At proposed prod. Does Somo 14. Delants of the South and 1980 from the East At proposed prod. Does Somo 15. Occasion of Patients At proposed prod. Does Somo 16. Delants of Blanco, New Mexico 17. Delants of Patients 18. Delants of Patients 19. Delants of Patien		4 FOR PERMIT	IO-DKILL-DEE	PEN, OR PLUG-I	BACK		7
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NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

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

Well No. Caulkins Oil Company Breech "E" 587 Unit Letter Section Township Ţ 4 26 N 6W Rio Arriba Actual Footage Location of Welli 1880 South 1980 feet from the East line and Ground Level Elev: 6441 Producing Formation Dedicated Acreage: Mesa Verde Blanco Mesa Verde 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 royalty). 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 "yes," type of consolidation Yes No If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.). No 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 by certify that the information conerein is true and complete to the Superintendent Caulkins Oil Co reby certify that the well location 1980 May 23, Registered Professional Eng and/or Land Surveyor Ernest V. Echohawk Certificate No. 1545

1500

Form approved. Budget Bureau No. 42-R1425.

	DOMEST 411 11417 11
UNITED STATES ARTMENT OF THE INTERIOR	(Other instruction reverse side)
GEOLOGICAL SURVEY	

	DEPARTMEN	I OF THE I	IA 1 E	NIUK		C. LEASE DESIGNATION A	NO BRHIAL NO.
· .	GEOLO	GICAL SURV	EYee		:	SF-079035-A	
APPLICATION	N FOR PERMIT	TO DRILL, I	DEEP	EN, OR PLUG B	ACK	U. IF INDIAN, ALBOTTER	DE TRIBE NAME
In. TYPE OF WORK		DEPOCAL		DI UC DA	CIA NO	7. UNIT AGREEMENT NA	VB .
DR. TYPE OF WELL		DEEPEN	السا	PLUG BAC	CKON		
	AS OTHER R	ECOMPLETE	. a	INGLE MULTIF		8. PARM OR LEADS NAM!)
2. NAME OF OPERATOR	The second secon				****	Breech •	1 A 11
	kins Oil Compar	<u>v </u>		<i></i>		9. #211 HO.	
3. ADDRESS OF OPERATOR	Day 210, 101	بيمانا المامية	Mana			207	
	Box 340; Bloom					Otero-Chacra Blanco Mesa	WILDCAT
	rom the South a						
At proposed prod. 201	-					11. SSC., T., R., M., OR SI AND SURVEY OR ARE	A .
,	e Same	•				Sec. 10 26N	6W
	AND DIRECTION FROM NE			·a•		12. COUNTY OR PARISH	
	theast of Bland	o, New Mex		O. OF ACRES IN S.EARE	· ·	Rio Arriba	New Mexi
16. DISTANCE FROM PROPE LOCATION TO WEARES PROPERTY OR LEASE I	r		16. %	O. OF ACRES IN LEASE		F ACRES ASSIGNED	
(Also to nearest drig	g. unit line, if any)	660'	10 2	2400 ROPOHED DEPTH	26) BOWA	320 BY OR CABLE TOOLS	
TO NEAREST WELL, D	RILLING, COMPLETED,	1100*		MOLOGRA DELTA	20. 10.2	ni or castra toord	
21. BLEVATIONS (Show wh		1100.	<u>. </u>		<u> </u>	22. APPROX. DATH WOR	E WILL START
	6504 DF					April 20. 1	978
23.		PROPOSED CASI	NG AN	D CEMENTING PROGRA	M		
SIZE OF HOLE	SIZE OF CASING	WRIGHT PER P	00T	SETTING DEPTH	1	QUANTITY OF CEMBRE	
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Abandoned as To It is now proposed in the spotter of the spotter o	ocito injection osed to plug ba ll be spotted of in 7 5/8' case will be perform f Alamo at 233' Chacra zones wax 4' on existing testing. Blow om pit will be ved seeding produced from the process of the company of the	well May, ack and rece over perfora sing 6600' to ted approx it be perfora ing location yout prever covered and gram. proposal is to deep	1965 mple ition 5490 ilatiforat will itor	te in Mesa Verd is and up in 7 5 000. A 100 ce of then 7 5/8" c og and squeezin ed and fracture be required fo will be used wh ation reseeded	de and 5/8" ca ement production assing le control assing le contro	Chacra zones. sing to 6600' 9 lug will be spo will be cemente timulate product aining frac wat ugging back, ce hin 5' of all f	# mud tted d 5490 tion. er while menting acilities
SIGNED (C. L	laches E.C.	eque	rls	Superint endent		DATE	10-28-77
(This space for Fede	ral or State office use)			4			
PERMIT NO.	7.	(.		APPROVAL DATA			Es /
APPROVED BY		tn				DATS	7
APPRO	JED		_•	-200		5x 6	
27 A	378 · W	*See Instru	ctions	On Revene Side	•	12 2 118	L

E. A. BUTIMIUT
ADTITUD DISTRICT ENGINEER

All distances must be from the outer boundaries of the Section

Operator Caulki	ns Oil Comp	oanv	Lease Bre	ech "A"			Well No. 207
Jnit Letter	Section	Township	Ronge	,	County		~~/
O Actual Footage Loc	10	26 N	6W		Rio A	rriba	
660	feet from the	South line o		0 [00]	from the	East	line ···
round Level Elev: 6495		Verde & Cha	era Bla	nco MV &	Otero-	_	nted Acreage: XXX 320 Acres
1. Outline th	ie acreage dedica	ated to the subject	well by col	ored pencil or	hachure me	arks on the pla	below.
	nan one lease is nd royalty).	dedicated to the	vell, outline	each and iden	atify the own	nership thereof	(both as to working
		different ownership unitization, force-po		to the well, I	nave the int	erests of all o	wners been consoli-
Yes	☐ No If a	inswer is "yes," typ	e of consolic	lation			· · · · · · · · · · · · · · · · · · ·
If answer	is "no," list the	owners and tract d	escriptions v	rhich have ac	tually been	consolidated. (Use reverse side of
	f necessary.)						The second secon
No allowated-poo	ble will be assign ling, or otherwise	ed to the well until)or until a non-stan	all interests dard unit, eli	have been comminating such	onsolidated interests.	(by communiti	zation, unitization, ved by the Commis-
sion.							<u> </u>
						CER'	TIFICATION
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± 1	1		,	j	·	Caulkin	s Oil Co.
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A CONTRACTOR	i i		!		11		that the well location
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			⊗ ←] 		is true and continuous ledge and be surveyed 6-3-52	ision, and that the same rect to the best of my allef. 7
			⊗ ←	1920'	→ ,	is true and cor knowledge and b	ision, and that the same rect to the best of my clief. 7
			⊘ ↑ 33,	 	→ ,	under my supervise rue and continuous ledge and be surveyed 6-3-52 Registered Professand/or Land Surveyed	ision, and that the same rect to the best of my clief. C 7

b

It is proposed to commingle production from Chacra and Mesa Verde zones in wellbore, subject to approval by New Mexico Oil Conservation Commission. If denied well will be completed as Chacra-Mesa Verde dual with packer between zones.

Orden 25647

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from; the local l'ederal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Consult local

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Nederal requirements.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Rederal or State agency offices. Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone. item 22: Consult applicable Bederal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started. 8

I U.S. GOVENHENT PRINTING OFFICE ; H

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
CANTAINS EXHIBIT NO. 6
CASE NO. 6243

Form approved. Budget Bureau No. 42-R1425.

UNITED STATES DEPARTMENT OF THE INTERIOR

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	GFO! O	GICAL SURVE	· · · · ·			o. Lette Designation	P A
APPLICATION	Y FOR PERMIT 1			EN. OR PLUG R	ACK	SF 07903	
1s. TTPS OF WORK	ırr 🗆	DEEPEN [PLUG BA		7. UNIT AGREEMENT N	AXP
	AR OTHER R	ecomplete	20	NOTE NOTES	<u> </u>	8. FARM OR LEASE NAME Breech A	Y E
Caulkins Oil 3. ADDRESS OF OPERATOR	Company		<u> </u>			9. WELL NO. 679	
Post Office I	Box 780, Farm eport location clearly and	ington, No in accordance with	ew i	lexico State requirements.*)		Otero Chacr Blanco Mesa	Verde
1980, from the At proposed prod. son	ie ,	1980' fro	m tl	ne East	1 1 1 1	Sec. 9 26N	DLE. IEA
14. DISTANCE IN WILES	Same AND DIRECTION PROM NEAR	REST TOWN OR POST	OFFIC	B.		12. COUNTY OR PARISH	<u> </u>
30 miles Sout	theast of Bla	nco, New				Rio Arriba	New Mex
LOCATION TO NEAREST		XXXXXXX	16. N	2400		P ACRES ASSIGNED HIS WELL 320	-
18. DISTANCE FROM PROP TO NEAREST WELL, D OR APPLIED FOR, ON TH	RILLING, COMPLETED,		19. PI	TOPOSED DEPTH	20. BOTA	RY OR CARLE TOOLS	
21. BLEVATIONS (Show whe	ether DF, RT, GR, etc.) 6498	Gr.		3		May 1, 19	
23.	I	PROPOSED CASIN	G ANI	D CEMENTING PROGRA	L)M		
RISE OF HOLE	SIER OF CABING	WEIGHT PER FO	OT TO	SETTING DEPTH		QUANTITY OF CEME	ft .
	<u> </u>						
TD 6692'. 7" survey cement sacks. Liner Abandoned as	perforated 6	holes pe	r f	ner cemented oot 6637 to 6	6542 6647° •	to 6690 with	1/50
It is now pro Chacra zones Commission or	posed to plu Downhole co	g back an	d r				
Cement plug vin 7" casing 100' cement p	to 6400'. 9#	gel base	d m	ud will be sp			
Casing will wand squeezing						d by circula	ating
	E PEOPOSED PROGRAM: If drill or deepen direction by.						
BIONED Colia	.li. E. C.	امددد الم	LE	Superintender	nt	DATE 3-1	5-78
(This space for Federal	eral or State office use)						
PERMIT NO	•	***		APPROVAL DATE	<u> </u>		WE (1)
CONDITIONS OF APPROV	val, ip aff	711	<u> </u>			DATE	
	1						97 3
. 107	8	*See Instru	ctions	On Reverse Side	6	243	SOFTHEY

fructions

Items 15

ANMENT PRINTING OFFICE : 183--0-711-300

A pit 20° X 20° X 4° on existing location will be required to contain frac water while completing and testing.

Blowout preventor will be used while plugging

Mesa Verde and Chacra zones will be perforated

then fracted to stimulate production.

Blowout preventor will be used while plugging back, cementing and completion.

After completing pit will be covered and location reseeded to within 5° of all facilities with BLM approved seeding program.

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
CASE NO. 6243"

THE STATE OF SECULOR SECULOR

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

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

1302

All distances must be from the outer boundaries of the Section Well No. Caulkin's Oil Compny Breech "A" 679 Unit Letter County 9 26N 641 Rio Arriba Actual Footage Lo 1980 South feet from the East Ground Level Elev: Producing Formation 6496 iesa Verde & Chacra Blanco MV- Otero Chacra 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 royalty). 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? Yes No If answer is "yes;" type of consolidation If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)_ No 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** certify that the inform Superintenden Caulki May Registered Professional Engis id/or Land Surveyor Charles Finklea

1 11 12 1513

Jáson W- Kélláhin Robert E. Fox W. Thomas Kellahin KELLAHIN and FOX
ATTORNEYS AT LAW
500 DON GASPAR AVENUE
P. O. BOX 1769
SANTA FE. NEW MEXICO 87501

FELEPHONE #82-4315 AREA CODE 808

May 10, 1978

Mr. Joe Ramey Oil Conservation Division P. O. Box 2088 Santa Fe, New Mexico 87501

Re: Caulkins Oil Company

Dear Joe:

Please set the enclosed application for hearing before an examiner on June 7, 1978.

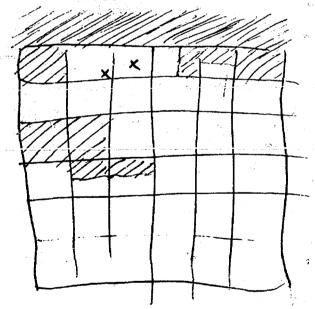
Very truly yours,

W. Thomas Kellahin

CC: Mr. Charles Varquer

WTK:kfm

Enclosure



13 12 K

BEFORE THE

OIL CONSERVATION DIVISION

DEPARTMENT OF ENERGY

STATE OF NEW MEXICO

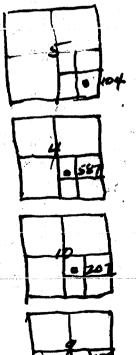
IN THE MATTER OF THE APPLICATION OF CAULKINS OIL COMPANY FOR APPROVAL OF FOUR UNORTHODOX GAS WELL LOCATIONS, MESAVERDE POOL, RIO ARRIBA COUNTY, NEW MEXICO

No. 6243

APPLICATION

Comes now CAULKINS OIL COMPANY and applies to the Oil Conservation Division of New Mexico for authority to produce gas from four unorthodox well locations within the Mesaverde Pool, Rio Arriba County, New Mexico and in support thereof would show the Division:

1. Applicant is the operator of the following wells for which it seeks permission to produce Mesaverde gas from wells to recomplete four existing wells for the production of Mesaverde gas all at unorthodox locations within Mesaverde Pool, Rio Arriba County, New Mexico to-wit:



- (a) Breech "E" No. 104 Well, located 660 feet from the South line and 660 feet from the East line of Section 5, T26N, R6W, NMPM; to be commingled with Chacra gas under existing Commission approval.
- b) Breech "E" Well No. 587 located 1680 feet from the South line and 1980 feet from the East line of Section 4, T26N, R6W, NMPM, from an existing Mesaverde oil well to be recompleted for Mesaverde gas production.
- (c) Breech "A" Well No. 207 located 1660 feet from the South line and 1980 feet from the East line in Section 10, T26N, R6W, NMPM to be commingled with Chacra gas under existing Commission approval.
- (d) Breech "A" Well No. 679 located 1980 feet from the South line and 1980 feet from the East line of

Section 9 T26N, R6W, NMPM to be commingled with Chacra gas under existing Commission approval.

That the approval of the requested locations will avoid the drilling of additional unnecessary wells, would recover gas that would not otherwise be produced, would not impair the correlative rights of others and will be in the best interest of conservation.

Respectfully submitted,

CAULKINS OIL COMPANY

Kellahin & Fox
P. O. Box 1769
Santa Fe, New Mexico 87501

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

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

f

CASE NO. 6243

Order No. R- 5747

APPLICATION OF CAULKINS OIL COMPANY FOR FOUR UNORTHODOX GAS WELL LOCATIONS, RIO ARRIBA COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on June 7, 1978, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this ______day of June, 1978, 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.
- approval of unorthodox gas well locations for its Breech "E"

 Wells Nos. 104 and 587, located in Unit P of Section 5 and Unit J

 of Section 4, respectively, and its Breech "A" Wells Nos. 207

 Unit Jof Section

 and 679, located in Unit O of Section 10 and 9, respectively,

 all in Township 26 North, Range 6 West, Blanco Mesaverde Pool,

 Rio Arriba County, New Mexico.
- (3) That the <u>E/2</u> of said Sections 5 and 4, respectively, is to be dedicated to the above-described Breech "E" Wells Nos. 104 and 587 and the <u>E/2</u> of said Sections 10 and 9, respectively, to the Breech "A" Wells Nos. 207 and and 679.

That each of said wells was originally drilled at a (4) That walls at said unorthodox locations will better Standard location for the South Blancs-Tocito Oil Pool, but enable applicant to produce the gas underlying the proration unit has long been shut in as no longer productive from said pool.

(5) That no offset operator objected to the proposed

unorthodox locations.

(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:

formation are hereby approved for Caulkins Oil Company Breech
"E" Wells Nos. 104 and 587, located in Unit F of Section 5 and
Unit J of Section 4, respectively, and Breech "A" Wells Nos.

207 and 679, located in Unit J of Sections 10 and
207 and 679, located in Unit J of Sections 10 and 9, respectively,
all in Township 26 North, Range 6 West, Blanco Mesaverde Pool,
Rio Arriba County, New Mexico.

(2) That the _______ of said Sections 5 and 4, respectively, shall be dedicated to the above-described Breech "E" Wells Nos. 104 and 587 and the _______ of said Sections 10 and 9, respectively, to the Breech "A" Wells Nos. 207 and 679.

(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.