

CASE 5141: Application of DAVID
FASKEN FOR DIRECTIONAL DRILLING,
EDDY COUNTY, NEW MEXICO.

CASE No.

5141

Application,
Transcripts,
Small Exhibits

ETC.

Memo

From
D. S. NUTTER
CHIEF ENGINEER

To
OK to write order approving
directional drl of Fasker
Vandiver Well No. 1 surf loc of
which is 660 FSL & 660 FWL of
7-185-26E W. Hoke-Murray Gas Pool,
Ebb, Co.

Use std kindly order. Require
well to be plugged back to Kick-off
point @ 6850 and then dir drl
in a NNW direction and bottomed
in the Murray formation within
100 feet of a point ~~to~~ 915 FSL and
660 feet FWL of Sec 7. Require
continuing multi-shot directional
survey, shot points not more than 100
feet apart from TD to Kick off pt.

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
January 3, 1974

EXAMINER HEARING

IN THE MATTER OF:

Application of David Fasken
for directional drilling,
Eddy County, New Mexico.

Case No. 5141

BEFORE: Daniel S. Nutter, Examiner

TRANSCRIPT OF HEARING

A P P E A R A N C E S

For the Oil Conservation Commission: Thomas Derryberry, Esq.
Legal Counsel for the
Commission
Land Office Building
Santa Fe, New Mexico

For the Applicant: Sumner Buell, Esq.
MONTGOMERY, FEDERICI,
ANDREWS, HANNAHS & BUELL
P. O. Box 2307
Santa Fe, New Mexico

THE NYE REPORTING SERVICE
STATE-WIDE DEPOSITION NOTARIES
225 JOHNSON STREET
SANTA FE, NEW MEXICO 87501
TEL. (505) 982-0386

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I N D E X

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E X H I B I T S

	<u>Marked</u>	<u>Admitted</u>
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MR. NUTTER: Call Case No. 5141.

MR. DERRYBERRY: Case No. 5141. Application of David Fasken for directional drilling, Eddy County, New Mexico.

MR. BUELL: Mr. Examiner, I'm Sumner Buell, Montgomery, Federici, Andrews, Hannahs and Buell, appearing on behalf of the Applicant. We have one witness, Mr. Henry, who needs to be sworn.

(Witness sworn.)

JAMES HENRY

called as a witness, having been first duly sworn, was examined and testified as follows:

DIRECT EXAMINATION

BY MR. BUELL:

Q Would you state your name, please, by whom you are employed and what capacity and where?

A My name is James B. Henry. I live in Midland, Texas. I'm a consulting engineer with the firm of Henry Engineering here today representing David Fasken.

Q Mr. Henry, have you previously testified before this Commission or one of its Examiners and had your qualifications accepted as a matter of record?

A Yes, I have.

Q Are you familiar with what is sought in Application in this Case 5141?

A Yes, I am.

Q Would you briefly outline what David Fasken seeks?

A Mr. Fasken obtained permission to drill an unorthodox location in Section 7, Township 18 South, Range 26 East, 660 feet from the West line, 660 feet from the South line in Case No. 5046. This well was subsequently drilled. It was completed as a dry hole in the Morrow formation and by this action here today, we are requesting permission to sidetrack this hole on the basis of certain dip meter data to a location that would be 660 feet from the West line and 915 feet from the South line at the top of the Morrow formation where we believe this sidetrack hole will encounter productive Morrow sand.

Q Referring you to what's been marked as Exhibit No. 1, would you briefly explain what that is, what it reflects?

A This is a -- first of all, a structure map, contoured on top of the Morrow plastics interval, Exhibit No. 1. On this is also depicted certain other data. The red wells, colored red, are producing Morrow wells. Now, those in the shaded area, that is the area that's shaded orange, green and yellow, are those that are prorated in the -- or they are

placed in the West Atoka Field, which is non-prorated gas field. Also included, immediately adjacent to that on the west in Section 13 is the Fasken Pennzoil 13 Federal, which is also prorated in the West Atoka Field. The wells on the Southeastern part of this Exhibit are in the Atoka Field proper and are separated from the West Atoka Field. Up to the Northwest there are two wells that are in a new Morrow Pool and I do not know yet if that pool has been designated or not or if it is still an undesignated Morrow Pool. In the lower-left-hand corner of the Exhibit is a new discovery in the Morrow Pool -- in the Morrow Zone -- it is being completed at the present time by Bellico.

Q Now, referring you to what's been marked for identification as Exhibit No. 2, would you explain what that shows?

A Exhibit No. 2 shows the nomenclature that I've sought to use in describing the Morrow interval. The uppermost red line labelled "Top of the Morrow plastics" is the interval that's contoured on Exhibit No. 1. The next lower notation there "B" Zone, is the productive interval that is depicted on Exhibit No. 1 by the shaded areas. Now, this formation is very difficult to describe by conventional isopachous map. You'll note on Exhibit 1 that the interval form-

colored orange is listed as being 10 feet to 50 feet in thickness. The green area is listed as being 50 to 100 feet in thickness and the yellow area is possibly in excess of 100 feet in thickness. The sand quality changes drastically within these boundaries and they cannot be equated. The orange interval is generally tighter and shadier dirty sand. The green, up until this well was completed, we thought all wells of that thickness would find productive sand, but here we found a well of that thickness that had a very tight sand.

MR. NUTTER: How thick was that sand?

THE WITNESS: That would be 70 feet thick.

MR. NUTTER: 70.

THE WITNESS: That well, but it was non-productive. it was not net sand in the conventional sense.

The interval as shown on Exhibit No. 2, being from 8630, excuse me, 8630, yes, to 8695, that turned out to be 65 feet instead of 70 feet, if I may correct my earlier statement on that.

On Exhibit 2 the "B" shale top and bottom is depicted there. The -- what's normally called the Morrow "C" Zone is depicted here by a series of tight shaley sands. Top of the Barnett formation, which is a blanket-type shale and the top of the Mississippi lime is depicted at the bottom

of Exhibit No. 2.

BY MR. BUELL:

Q Referring you to what's been marked for identification as Exhibit No. 3, would you explain that, please?

A This brochure is a directional survey of the David Fasken-Bradenburg Seven No. 1, which was approved and drilled as the unorthodox location, previously referred to here, and this well in the pocket on the left-hand side of the folder is the graphic representation of the traverse followed by the bore hole in this well looking down on it from the surface. Now, this well had pipes set at 1300 feet, and the directional survey being a magnetically-oriented tool could not be run in the casing, so this shows the path in the planned view, which the well bore followed as it progressed down hole. The net result being that the bottom of a hole at 8865 feet or 8864 is the bottom of the logged interval, ended up being 130.02 feet South 65 degrees East from the bottom of the eight and five-eighths inch casing. You will note that the stations here that are listed by the large circles give M.D. which is the measured depth and T.V.D. which is the true vertical depth of the well at that point. You will notice that down at the measured depth of 770 or — true vertical depth of 767, the well made 180-degree turn

in its direction. We'll elude to that further in subsequent Exhibits.

On the right-hand side is a digital representation of the deviation direction true vertical depth, et cetera, that's shown graphically on the other half of the brochure.

MR. BUELL: May we put an Exhibit up here on the wall?

MR. NUTTER: Surely.

BY MR. BUELL:

Q Exhibit No. 4, would you like to explain what this represents?

A Yes. The lower margin, the lower most line on this Exhibit represents the South line of Section 7, the left-hand boundary represents the west line of Section 7. It's been divided into 100-foot grids. Year after each of the squares here represent 100-foot squares. The bottom hole location of that well has been shown based on the survey of Exhibit No. 3.

MR. NUTTER: We're assuming first of all we've got a straight hole down to 1304?

THE WITNESS: No, sir.

MR. NUTTER: You're not?

THE WITNESS: Mr. Nutter, that's about what I'm

fixing to explain here, Mr. Nutter. The traverse here has been traced backwards from the bottom-hole location on this map to a point at 1300 feet. At that point, I took the azimuth of the hole drilled at that point and the deviation surveys run by the conventional topcos up through here and projected that back to an estimated surface location. We're starting with the surface location 660, then actually moving this out along that azimuth to get the true relation as near it as we can depict it here, that actually is some 20-odd feet.

MR. NUTTER: You think you had about 20 feet of drift then in using the projections?

THE WITNESS: Down to 1300 feet, then there could be a little error in there.

MR. NUTTER: Then it was East?

THE WITNESS: Yes. We assuming that it was East because it was the first azimuth we saw on the survey.

Now, from the dip meter data we had a drape pattern over the sand bar proper that had an orientation of South 52 degrees East. We believe this drape or differential-compaction phenomena that the thicker sand is to the Northwest of this well, back up this drape-pattern dip or 180 degrees from the dip shown here, would be toward the thickest part of

this sand. I have arbitrarily shown on here 200-foot distance up-dip from the bottom -- from the top of the sand -- 8600 feet in this well, projected this line back and put on here 200-foot line or 300-foot line and 400 foot line. What we're proposing to do then is to pick this strike which is of sand bar which would appear from these data to be North 38 degrees East and project from a point of 6850 feet a line, a drill hole from the sidetrack operation for 357 feet north, 26 degrees West. Now, this would place the bottom of the hole 660 feet from the West line and on strike with the 300-foot up-dip sand body strike line. Now, rather than going -- we would like to go directionally up-dip exactly along this drape pattern. However, we realize that would put this location closer than 660 to the lease line and we're only asking for it here and we're deviating it northward in order to intersect that 300 feet up-dip. We have no basis really except the matter of engineering judgment as to how far this thing should be moved. We're still in the Model-T stage of interpreting these dip meter data and we've not come up with a thickening formula here. We did have success in one other well in deviating it 300 feet from zero net sand to 105 feet in one continuous sand body down at the David Fasken Yates Hornbecker No. 1, shown in Section 25 on Exhibit No. 1.

Now, from this point we propose to drill, as shown on Exhibit No. 4.

BY MR. BUELL:

Q Bringing up Exhibit No. 5, would you explain that, please?

A Exhibit No. 5 is a diagram of how we propose to control this well. Note that we propose to kick it off, if you look at the left-hand side is a vertical profile of the drill path we propose to follow. Kicking the well off in the old original hole at 6850 and building it up the angles as shown here, two degrees, four, six and eight, ten and twelve with the depth shown and maintain a 12-degree deviated hole to a true vertical depth of -- to a measured depth of 8664 or true vertical depth of 8625 at which point we expect to encounter the top of this "B" Zone sand. The horizontal path that will follow is shown on the center of this Exhibit or to the right and we have shown on here this 357-degree kick, North 26 degrees West and that would place the location at center of the target area, 915 feet from the South line, 660 feet from the West line. We would ask the Commission at this time for a target with a radius of 100 feet in order to give us some leaway in controlling the drift of this hole and not have to make unnecessary corrections in the direction

of this hole. Since it is going up-dip in the direction of the drape pattern, we believe it will generally be easily controlled. You will note that the hole in the original drilling made a 180-degree turn at the point this drape pattern became evident and that it moved up-dip against that drape pattern.

Q Is David Fasken under any time constraints insofar as implementing this project is concerned?

A Yes, sir. We have a well drilling at the present time in Section 6, 1980 from the North line and 660 from the West line that will be available in approximately 18 days. This would be -- the rig we would like to use on this to save a very large move-in cost if we could move directly to this location. We also have contractual obligations with the lease owners to be in operation re-entering this well by January 23rd.

Q Is it your opinion, that the granting of this Application would protect correlative rights and prevent waste?

A Yes, sir. We believe that there is an area of productive sand under this lease and without sidetracking in this manner, the lease owners here cannot realize the benefit from the production of gas underlying this lease.

Q Were Exhibits 1 through 5 or under your supervision?

A Yes, they were, except No. 5 -- excuse me -- except No. 3, which was prepared by Schaumberger --

Q (Interrupting) At your request?

A (Continuing) -- Surveying Company. It's a direct printout of their logs.

Q But that was at your request?

A Yes. Exhibit No. 5 was prepared pursuant to my recommended bottom hole location by Whipstock, Eastman, Incorporated.

MR. BUELL: At this time I would move for the introduction of Exhibits 1 through 5 into the record.

MR. NUTTER: Exhibits 1 through 5 will be admitted in evidence.

(Whereupon, Applicant's Exhibits Nos. 1 through 5 for identification were admitted in evidence.)

MR. BUELL: I have no further questions.

CROSS EXAMINATION

BY MR. NUTTER:

Q Mr. Henry, you've asked for 100-foot radius target area, the center of which is 660 from the West and 915 from the South. However, this case was advertised for directional

drilling in such a manner as to bottom the well at a point 915 from the South and 660 from the West. Now, you are acquainted with the situation in this reservoir where the 660 locations have been pretty much agreed upon by operators in the pool. However, we did have one application for less than 660 from the line and that applicant met with some pretty rigorous opposition to his application. Now, I don't think it's within the call of Hearing to permit the target area to be closer than 660.

A Well, in this --

Q (Interrupting) How about if we kept it so it would be no closer than 660, but have a 100-foot radius provided that the bottom of the well shall not be closer than 660 to the West line. Then, in the event that you should accidentally bottom over here, say 600 feet from the West line, you'd have to have a Hearing to amend it. This would give the other operators in this pool an opportunity to come in.

A That occurred to us, Mr. Nutter, and that would be acceptable to us. However, I would like to point out that this one thing, wells that are drilled at a surface location, 660 from the lease line and are not arbitrarily deviated or not controlled deviated, have no restraint on the amount they may deviate.

Q This is true.

A Here in this particular case, this well drifted a normal drift in the well was about 154 feet, just normal drift.

Q Back into the unit this time.

A Away from the lease line.

Q Right.

A To the north and slightly toward the lease line to the south. Now, this represents a deviation of .99 degrees, roughly one degree of average deviation in the hole from vertical would give you this. So, the 100 feet radius we were asking for is less than one degree deviation from the normally drilled 660 location. We feel that this is reasonable within the limits here of normal drilling to ask for this in this manner because some of these other wells that are unsurveyed may, in fact, be three or 400 feet.

Q This is just one of the things you open yourself up to every time you ask for directional drilling rights.

A In directional drilling a well we agreed to hold it no more than 100 feet. We believe this is a closer restriction than has been imposed on any of the other wells.

Q Well the case of advertised manner in which it was applied for, if it had been advertised for a target area 100

feet in diameter around this point, we'd have jurisdiction. I don't think we've got jurisdiction to go closer than 660 today.

MR. NUTTER: Are there any further questions of Mr. Henry? He may be excused.

(Witness excused.)

MR. NUTTER: Do you have anything further, Mr. Buell?

MR. BUELL: Nothing.

MR. NUTTER: Does anyone have anything they wish to offer in Case No. 5141?

We'll take the case under advisement.

STATE OF NEW MEXICO)
) ss.
 COUNTY OF SANTA FE)

I, RICHARD L. NYE, Court Reporter, do hereby certify that the foregoing and attached Transcript of Hearing before the New Mexico Oil Conservation Commission was reported by me, and the same is a true and correct record of the said proceedings, to the best of my knowledge, skill and ability.

Richard L. Nye
 COURT REPORTER

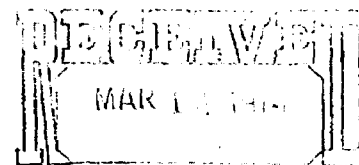
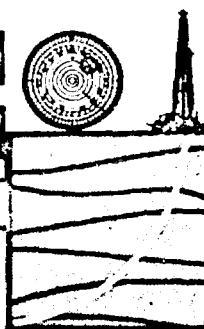
I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 5744 heard by me on 1-3, 1974.

John, Examiner
 New Mexico Oil Conservation Commission

THE NYE REPORTING SERVICE
 STATE-WIDE DEPOSITION NOTARIES
 225 JOHNSON STREET
 SANTA FE, NEW MEXICO 87501
 TEL. (505) 982-0386



SYMBOL OF SERVICE



OIL CONSERVATION COMM
Santa Fe

REPORT of SUB-SURFACE DIRECTIONAL SURVEY

David Faskin

COMPANY

Vandiver "7" #1

WELL NAME

Eddy County, New Mexico

LOCATION

JOB NUMBER

WT 1774 D-13

TYPE OF SURVEY

SS

DATE

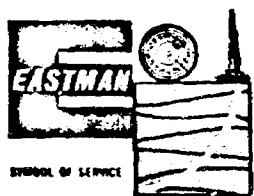
2/28/74

SURVEY BY

Ray Warner

OFFICE

Midland



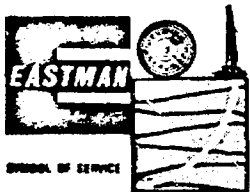
RECORD OF SURVEY

JOB NO. WT 1774 D-13

DATE 2/28/74

CHECKED BY

STATION	MEASURED DEPTH	DRIFT ANGLE	TRUE VERTICAL DEPTH		VERTICAL SECTION	COURSE DEVIATION	DRIFT DIRECTION	RECTANGULAR COORDINATES			
								NORTH	SOUTH	EAST	WEST
1	6846	1°					S 35 E		68 00	155 00	
2	6877	2°				1 08	N 46 N		67 25	154 22	
3	6933	4°				3 91	N 61 W		65 36	150 80	
4	6996	3°30'				3 85	N 78 W		64 56	147 04	
5	7027	3°30'	7024	23		1 89	N 50 W		63 35	145 59	
6	7062	3°				1 83	N 48 W		62 12	144 23	
7	7090	4°				1 95	N 41 W		60 65	142 95	
8	7153	4°30'				4 94	N 30 W		56 38	140 48	
9	7217	6°				6 69	N 29 W		50 53	137 24	
10	7280	6°45'	7276	13		7 40	N 26 W		43 88	133 99	
11	7375	7°15'				11 99	N 27 W		33 20	128 55	
12	7437	7°				7 56	N 31 W		26 72	124 65	
13	7499	7°				7 56	N 31 W		20 24	120 75	
14	7541	7°30'				5 48	N 33 W		15 65	117 77	
15	7592	8°	7585	59		7 10	N 36 W		9 91	113 60	
16	7634	8°				5 85	N 36 W		5 17	110 16	
17	7686	9°				8 13	N 27 W	2 08		106 47	
18	7749	9°				9 86	N 23 W	11 15		102 61	
19	7811	10°				10 77	N 20 W	21 27		98 93	
20	7843	10°	7833	33		5 56	N 20 W	26 50		97 03	
21	7903	11°				11 45	N 21 W	37 19		92 93	
22	7955	10°45'				9 70	N 22 W	46 18		89 30	
23	7998	12°				8 94	N 23 W	54 41		85 80	
24	8061	13°45'				14 97	N 22 W	68 29		80 20	
25	8155	14°45'	8137	47		23 93	N 18 W	91 04		72 80	



RECORD OF SURVEY

JOB NO. WT 1774 D-13

DATE 2/28/74

CHECKED BY _____

STATION	MEASURED DEPTH	DRIFT ANGLE	TRUE VERTICAL DEPTH	VERTICAL SECTION	COURSE DEVIATION	DRIFT DIRECTION	RECTANGULAR COORDINATES			
							NORTH	SOUTH	EAST	WEST
26	8231	15°30'			20 31	N 18 W	110 35		66 52	
27	8295	15°45'			17 37	N 18 W	126 87		61 16	
28	8357	17°45'			18 90	N 21 W	144 51		54 39	
29	8421	19°15'			21 10	N 23 W	163 93		46 14	
30	8514	20°15'	8479 03		32 19	N 22 W	193 78		34 08	
31	8609	21°15'			34 43	N 19 W	226 34		22 87	
32	8671	21°45'			22 97	N 18 W	248 18		15 77	
33	8718	21°45'			17 42	N 14 W	265 09		11 56	
34	8930	21°45'	8865 72		78 57	N 14 W	341 33			7 45
			Closure:	347.95'	N 04°52' W					

DAVID FASKEN

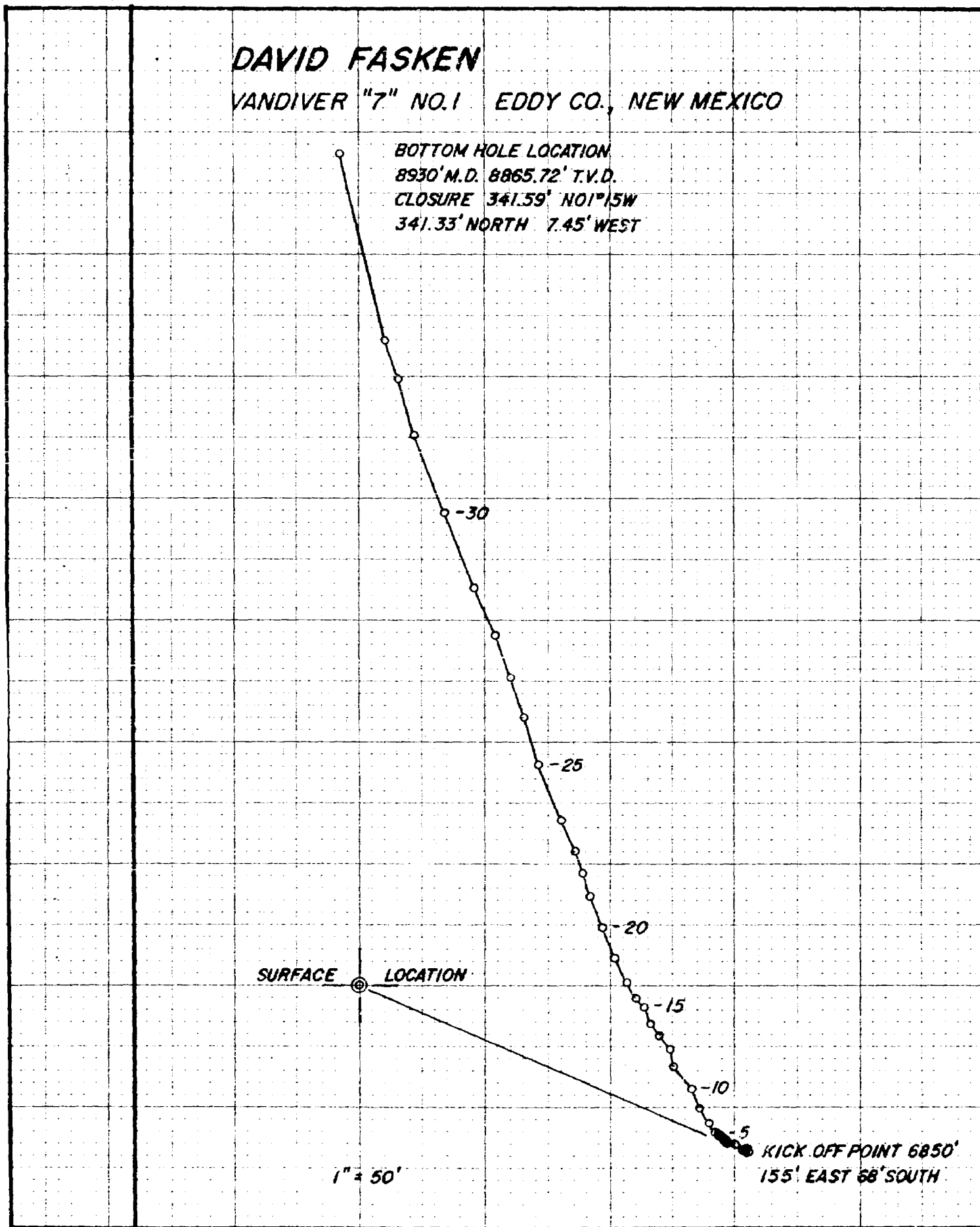
VANDIVER "7" NO.1 EDDY CO., NEW MEXICO

BOTTOM HOLE LOCATION
8930' M.D. 8865.72' T.V.D.
CLOSURE 341.59' N01°15W
341.33' NORTH 7.45' WEST

SURFACE LOCATION

1" = 50'

KICK OFF POINT 6850'
155° EAST 68° SOUTH



WELL LOCATION AND ACREAGE DEDICATION PLAT

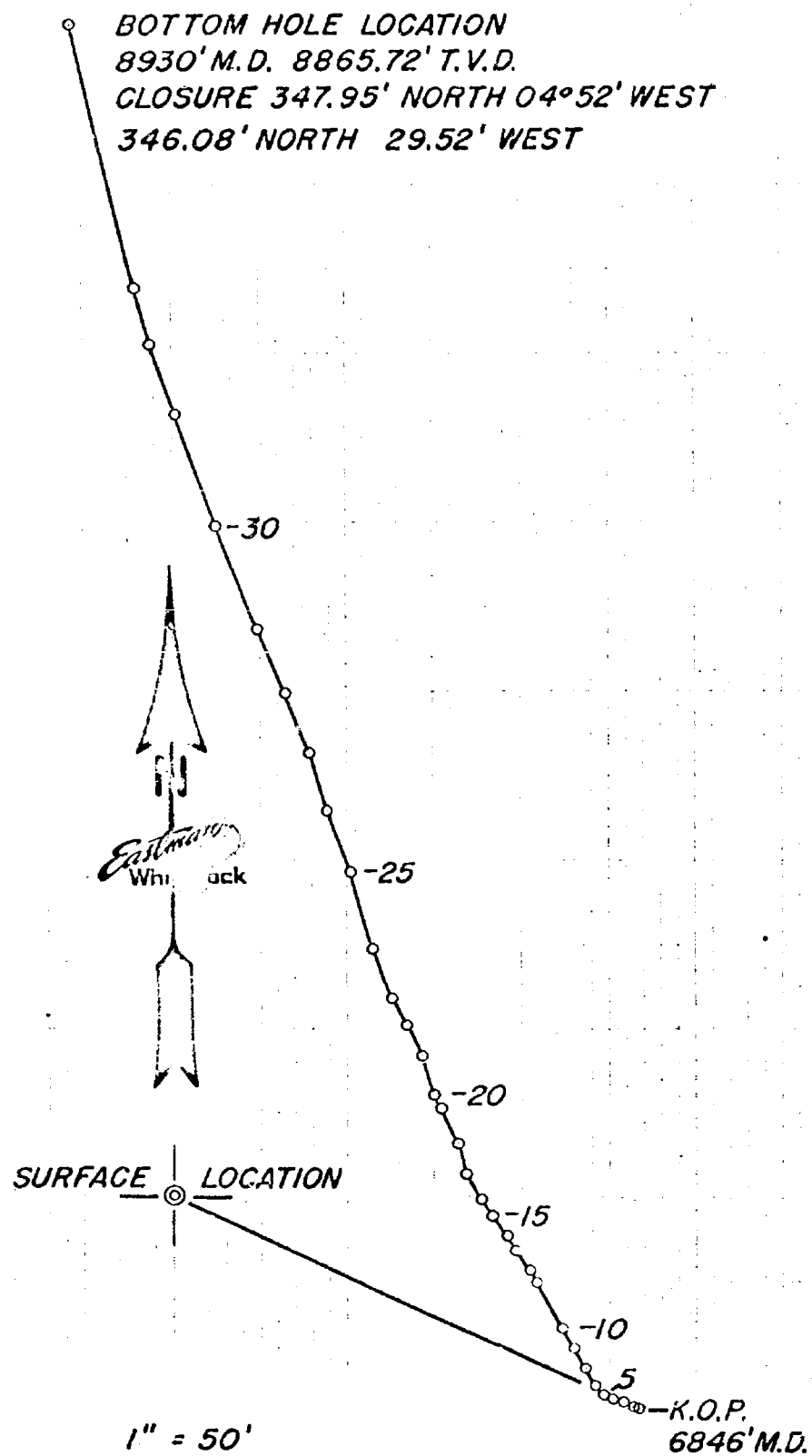
Effective 1-1-45

All distances must be from the outer boundaries of the Section.

Owner DAVID FASKEN		Lease VANDIVER #7N		Well No. 1
Unit Letter #1	Section 7	Township 13 South	Range 28 East	County Eddy
Actual Surface Location of Well:				
630 feet from the South line and		850 feet from the West line		
Ground Level Elev: 5191	Producing Formation Morrow	Pool West Atoka Morrow (Undesignated)	Dedicated Acreage 320	Acres
<p>1. Outline the acreage dedicated to the subject well by colored pencil or barchart marks on the plat below.</p> <p>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).</p> <p>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?</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes," type of consolidation <u>Communitization</u></p> <p>If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____</p> <p>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.</p>				
				<p align="center">CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>James B. Henry</i></p> <p>James B. Henry</p> <p>Position Agent</p> <p>Company David Fasken</p> <p>Date Sept. 17, 1973</p>
				<p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</p> <p>Date Surveyed Sept. 17, 1973</p> <p>Registered Professional Engineer and/or Land Surveyor</p> <p><i>James B. Henry</i></p> <p>Certificate No. 12345</p>

NOTE: Unorthodox location approved - see Case #5046 - August 22, 1973

DAVID FASKEN
VANDIVER "7" NO. 1, EDDY CO., N. M.



Eastman Whipstock

EASTMAN WHIPSTOCK, INC.

P. O. BOX 5577

MIDLAND, TEXAS 79701

March 1, 1974

THE STATE OF TEXAS

COUNTY OF MIDLAND

James Coats, being duly sworn, deposes and says that: He is employed by Whipstock, Inc., as well bore surveyor, in charge of the following described survey, and that a Single Shot Survey was run from 6846 feet to 8930 feet, measured depth.

Said well more particularly described by operator, as follows:

DAVID FASKIN
VANDIVER "7" #1
EDDY COUNTY, NEW MEXICO

That the attached document, namely title sheet, computation sheets, and on plan, showing the True Vertical Depth of 8,865.72 feet, the well being 347.95 feet, in a direction of North 04 degrees, 52 minutes, West. This is a full, true and correct representation of the above survey, to the best of his knowledge.

James Coats
James Coats

Subscribed and sworn to before me

this first day of March, 1974.

Dorothy Conklin
Dorothy Conklin, Notary Public
in and for the County of Midland,
State of Texas



OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO
P. O. BOX 2088 - SANTA FE
87501

I. R. TRUJILLO
CHAIRMAN

LAND COMMISSIONER
ALEX J. ARMJO
MEMBER

STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

January 24, 1974

Mr. Sumner Buell
Montgomery, Federici, Andrews,
Hannahs & Buell
Attorneys at Law
Post Office Box 2307
Santa Fe, New Mexico

Re: CASE NO. 5141
ORDER NO. R-4705-A
Applicant:

DAVID FASKEN

Dear Sir:

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

Very truly yours,

A. L. Porter, Jr.

A. L. PORTER, Jr.
Secretary-Director

ALP/ir

Copy of order also sent to:

Hobbs OCC	<u>x</u>
Artesia OCC	<u>x</u>
Aztec OCC	

Other _____



OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO
P. O. BOX 2088 - SANTA FE
87501

I. R. TRUJILLO
CHAIRMAN
LAND COMMISSIONER
ALEX J. ARMJO
MEMBER
STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

January 21, 1974

Re: CASE NO. 5141
ORDER NO. R-4705

Applicant:

DAVID FASKEN

Mr. Sumner G. Buell
Montgomery, Federici, Andrews,
Hannahs & Buell
Attorneys at Law
Post Office Box 2307
Santa Fe, New Mexico

Dear Sir:

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

Very truly yours,

A. L. Porter, Jr.

A. L. PORTER, Jr.
Secretary-Director

ALP/ir

Copy of order also sent to:

Hobbs OCC	<u> x </u>
Artesia OCC	<u> x </u>
Aztec OCC	<u> </u>

Other

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

APPLICATION OF DAVID FASKEN
FOR DIRECTIONAL DRILLING,
EDDY COUNTY, NEW MEXICO.

CASE NO. 5141
Order No. R-4705-A

NUNC PRO TUNC

BY THE COMMISSION:

It appearing to the Commission that due to clerical error and inadvertence, Order No. R-4705, dated January 18, 1974, does not correctly state the intended order of the Commission,

IT IS THEREFORE ORDERED:

(1) That Paragraph (2) on Page 2 of Order No. R-4705, be and the same is hereby corrected to read as follows:

"(2) That the applicant, David Fasken, is hereby authorized to directionally drill the subject well in the manner requested in the application as amended.

PROVIDED HOWEVER, that subsequent to the above-described directional drilling, a continuous multi-shot directional survey shall be made of the wellbore from total depth to the whipstock point with shot points not more than 100 feet apart; that the operator shall cause the surveying company to forward a copy of the survey report directly to the Santa Fe Office of the Commission, Box 2088, Santa Fe, New Mexico 87501, and that the operator shall notify the Commission's Artesia District Office of the date and time said survey is to be commenced."

(2) That this order shall be effective nunc pro tunc as of January 18, 1974.

DONE at Santa Fe, New Mexico, this 24 th day of January, 1974.



S E A L

dr/

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

I. R. Trujillo
I. R. TRUJILLO, Chairman

Alex J. Armijo
ALEX J. ARMIJO, Member

A. L. Porter, Jr.
A. L. PORTER, Jr., Member & Secretary

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE NO. 5141
Order No. R-4705

APPLICATION OF DAVID FASKEN
FOR DIRECTIONAL DRILLING,
EDDY COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on January 3, 1974, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 18th day of January, 1974, the Commission, a quorum being present, 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 Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, David Fasken, is the owner and operator of the Fasken-Vandiver Well No. 1, having an unorthodox surface location 660 feet from the South line and 660 feet from the West line of Section 7, Township 18 South, Range 26 East, NMPM, West Atoka-Morrow Gas Pool, Eddy County, New Mexico.

(3) That the subject well was originally drilled to a total depth of 8864 feet into the Morrow formation but was not productive of gas from that formation.

(4) That the applicant proposes to re-enter the well, to plug the well back to a kick-off point at 6850 feet and set a whipstock at that depth, and to directionally drill to bottom the well in the Morrow formation within 100 feet of a point 915 feet from the South line and 660 feet from the West line of said Section 7.

(5) That the applicant in his original application requested authority to drill to a point 915 feet from the South line and 660 feet from the West line of said Section 7, but that, during the hearing of this case, the applicant requested that the application be amended to request permission to drill to within

100 feet of a point 915 feet from the South line and 660 feet from the West line of said Section 7.

(6) That the applicant has obtained a waiver of objection from the affected offsetting operator.

(7) That the subject application should be amended to request authority to directionally drill to bottom the subject well in the Morrow formation within 100 feet of a point 915 feet from the South line and 660 feet from the West line of Section 7, Township 18 South, Range 26 East, NMPM, West Atoka-Morrow Gas Pool, Eddy County, New Mexico.

(8) That the applicant has determined the subsurface location of the whipstock point by means of a continuous multi-shot directional survey conducted prior to the hearing of this case and that said point has been established at a true vertical depth of 6850 feet to be 592 feet from the South line and 826 feet from the West line of said Section 7.

(9) That approval of the subject application as amended will prevent the drilling of unnecessary wells, avoid the augmentation of risk arising from the drilling of an excessive number of wells, and otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the application of David Fasken is hereby amended to request authorization to directionally drill his Vandiver Well No. 1, the surface location of which is 660 feet from the South line and 660 feet from the West line of Section 7, Township 18 South, Range 26 East, NMPM, West Atoka-Morrow Gas Pool, Eddy County, New Mexico, and to bottom said well in the Morrow formation within 100 feet of a point 915 feet from the South line and 660 feet from the West line of said Section 7.

(2) That the applicant, David Fasken, is hereby authorized to directionally drill the subject well in the manner requested in the application as amended.

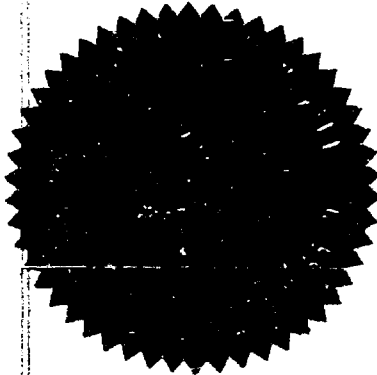
PROVIDED HOWEVER, that subsequent to the above-described directional drilling, a continuous multi-shot directional survey shall be made of the wellbore from total depth to the whipstock point with shot points not more than 100 feet apart; that the operator shall cause the surveying company to forward a copy of the survey report directly to the Santa Fe Office of the Commission, Box 2088, Santa Fe, New Mexico 87501, and that the operator shall notify the Commission's Hobbs District Office of the date and time said survey is to be commenced.

-3-

Case No. 5141
Order No. R-4705

(3) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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



STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

[Signature]
I. R. TRUJILLO, Chairman

[Signature]
ALEX J. ARMIJO, Member

[Signature]
A. L. PORTER, Jr., Member & Secretary

S E A L

dr/

(Case 5135 continued from Page 2)

SW/4 SE/4 of Section 27 and the S/2 SE/4 of Section 34, both in Township 17 South, Range 28 East, and the NW/4 NE/4 and the SE/4 SW/4 of Section 6, Township 18 South, Range 28 East, Empire-Abo Pool, Eddy County, New Mexico.

Applicant further seeks the amendment of Rules 3 and 4 of said special rules to provide that effective January 1, 1974, the maximum allowable for the project area be 33,000 barrels per day rather than 30,000 as presently provided.

CASE 5136: Application of Coastal States Gas Producing Company for an unorthodox oil well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox oil well location of its McGuffin Well No. 2 at a point 1980 feet from the North line and 660 feet from the West line of Section 29, Township 9 South, Range 33 East, Flying "M"-San Andres Pool, Lea County, New Mexico.

CASE 5137: Application of Skelly Oil Company for two unorthodox locations, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to drill two producing wells at two unorthodox locations, one 2630 feet from the North line and 1330 feet from the West line and the other 1330 feet from the South line and 10 feet from the West line, both in Section 22, Township 17 South, Range 31 East, Grayburg-Jackson Pool, Eddy County, New Mexico.

CASE 5138: Application of Skelly Oil Company for a waterflood project and four dual completions, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a waterflood project by the injection of water into the Seven Rivers formation, Fren Pool, through six injection wells in its Skelly Unit Area in Sections 21, 22 and 28, Township 17 South, Range 31 East, Eddy County, New Mexico, three of which wells would be dually completed for injection into the Seven Rivers formation and the existing Grayburg-Jackson waterflood project. Applicant further seeks authority to dually complete its Skelly Unit Well No. 76 located in Unit 0 of said Section 21 as a dual completion to produce from the Fren Seven Rivers Pool and the Grayburg-Jackson Pool through parallel strings of tubing.

CASE 5139: Application of Skelly Oil Company for a waterflood project, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a waterflood project by the injection of water into the Grayburg-San Andres formation through three wells on its Lea "C" Lease in Section 11, Township 17 South, Range 31 East, Grayburg-Jackson Pool, Eddy County, New Mexico.

CASE 5141: Application of David Fasken for directional drilling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to re-enter an existing well, the unorthodox surface location of which is 660 feet from the South and West lines of Section 7, Township 18 South, Range 26 East, West Atoka-Morrow Gas Pool, Eddy County, New Mexico,

(Case 5141 continued from Page 3)

and to directionally drill said well in such a manner as to bottom the well in the Morrow formation at a point 915 feet from the South line and 660 feet from the West line of said Section 7.

CASE 5142: Application of Amoco Production Company for special pool rules, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the promulgation of special pool rules for the Black River-Pennsylvanian Gas Pool, Eddy County, New Mexico, including a provision for 320-acre drilling and proration units. In the absence of objection, this pool will be placed on the standard 320-acre spacing for Pennsylvanian gas pools rather than the present 160-acre spacing.

CASE 5140: (This case will be continued to January 16, 1974, Examiner Hearing)

Application of Pierce & Dehlinger for compulsory pooling, Vada-Pennsylvanian Pool, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Vada-Pennsylvanian Pool underlying the NW/4 of Section 24, Township 9 South, Range 33 East, Lea County, New Mexico, to be dedicated to the King Resources Sheridan Well No. 1-A located in Unit C of said Section 24; Also to be considered is designation of the applicant as operator of the NW/4 of said Section 24 and the well located thereon, provision for allocation of actual operating costs and charges for supervision, and allocation of costs for reworking said well including a 200% charge attributable to any non-consenting working interest owner's pro rata share of said workover costs, for the risk involved in said workover.

CASE 4956: (Reopened) (This case will be continued to January 16, 1974, Examiner Hearing)

Application of Pierce & Dehlinger for a determination of well costs, Lea County, New Mexico. Applicant, as operator of the Sheridan Well No. 1 located in Unit M of Section 13, Township 9 South, Range 33 East, Lea County, New Mexico, to which well is dedicated the SW/4 of said Section 13, all mineral interests in the Vada-Pennsylvanian Pool thereunder having been pooled by Commission Order No. R-4560, seeks the determination of reasonable well costs attributable to applicant and to King Resources, including, but not limited to, the costs of reworking and placing said Sheridan Well No. 1 back on production and attorneys fees in connection therewith. Applicant further seeks an order assessing, as a charge for the risk involved in the reworking of the well, 120% of the pro rata share of the reasonable well costs attributable to the working interest of King Resources.

DOCKET: EXAMINER HEARING - THURSDAY - JANUARY 3, 1974

9 A.M. - OIL CONSERVATION COMMISSION 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:

CASE 5000: (Continued from the June 20, 1973, Regular Hearing)

In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Aztec Oil and Gas Company and United States Fidelity and Guaranty Company and all other interested parties to appear and show cause why the Aztec Totah Unit Wells Nos. 17 and 18, located in Unit E of Section 20, and Unit H of Section 19, respectively, Township 29 North, Range 13 West, San Juan County, New Mexico, should not be plugged and abandoned in accordance with a Commission-approved plugging program.

CASE 5006: (Continued from the June 20, 1973, Regular Hearing)

In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Aztec Oil and Gas Company and United States Fidelity and Guaranty Company and all other interested parties to appear and show cause why the Southeast Cha Cha Unit Well No. 1 located in Unit M of Section 32, Township 29 North, Range 13 West, San Juan County, New Mexico, should not be plugged and abandoned in accordance with a Commission-approved plugging program.

CASE 5128: Application of Gulf Oil Corporation for a non-standard gas proration unit and simultaneous dedication, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for a 160-acre non-standard gas proration unit comprising the NE/4 SW/4 and W/2 SE/4 of Section 28 and the NW/4 NE/4 of Section 33, both in Township 21 South, Range 37 East, Blinbry Gas Pool, Lea County, New Mexico, to be simultaneously dedicated to its J. N. Carson Wells Nos. 4 and 9 located in Units O and K, respectively, of Section 28.

CASE 5129: Application of Dorchester Exploration Company for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order force pooling all mineral interests in the Wilson-Pennsylvanian Pool underlying the E/2 of Section 13, Township 21 South, Range 34 East, Lea County, New Mexico, to be dedicated to a well to be drilled at a standard location in Unit I of said Section 13. Also to be considered will be the cost of drilling and completing said well and the allocation of such costs, as well as actual operating costs and charges for supervision. Also to be considered is the designation of applicant as operator of the well and a charge for risk involved in drilling said well.

CASE 5130: Application of Mesa Petroleum Company for the amendment of Order No. R-4658, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the amendment of Order No. R-4658, which order promulgated special

(Case 5130 continued from Page 1)

pool rules for the North Shoe Bar-Strawn Pool, Lea County, New Mexico. Applicant seeks the amendment of said rules to provide for a special gas-oil ratio limitation of 4000 to one.

CASE 5131: Application of Jake Hamon for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Devonian formation through the perforated interval from 12,935 feet to 12,946 feet and the open-hole interval from 12,960 feet to 13,023 feet in his Getty State L-736 Well No. 1 located in Unit D of Section 32, Township 16 South, Range 36 East, East Shoe Bar-Devonian Pool, Lea County, New Mexico.

CASE 5132: Application of American Quasar Petroleum Company of New Mexico for a unit agreement, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval of the White City Unit Area comprising 5,120 acres, more or less, of Federal, State and fee lands in Township 25 South, Ranges 25 and 26 East, Eddy County, New Mexico.

CASE 5133: Application of Atlantic Richfield Company for four non-standard gas proration units and simultaneous dedication, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the following 320-acre non-standard gas proration units in Township 22 South, Range 36 East, Jalmat Gas Pool, Lea County, New Mexico:

The N/2 of Section 34 to be dedicated to its Curran Jones Wells Nos. 1 and 10 located in Units A and C, respectively, of Section 34;

McDonald State Lease:

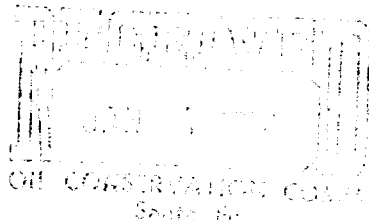
The N/2 of Section 14 to be dedicated to Wells Nos. 11 and 25 both located in Unit D of Section 14;

The E/2 of Section 26 to be dedicated to Wells Nos. 22, 9, and 8 located in Units A, G, and P, respectively, of Section 26;

The W/2 of Section 24 to be dedicated to Wells Nos. 26 and 12 located in Units D and M, respectively, of Section 24.

CASE 5134: Application of Atlantic Richfield Company for simultaneous dedication, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the simultaneous dedication of four wells to a standard 640-acre unit comprising all of Section 15, Township 22 South, Range 36 East, Jalmat Gas Pool, Lea County, New Mexico, said wells being applicant's McDonald State WN Wells Nos. 23, 14, 15, and 13, located in Units C, G, L, and P, respectively, of Section 15.

CASE 5135: Application of Atlantic Richfield Company for the amendment of Order No. R-4549, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the amendment of Rule 1 of the Special Rules for the Empire-Abo Pressure Maintenance Project as promulgated by Order No. R-4549 to expand the project area as defined therein to include the



HENRY ENGINEERING
Petroleum Engineers
807 FIRST NATIONAL BANK BUILDING
MIDLAND, TEXAS 79701

January 4, 1974

Mr. Daniel S. Nutter
New Mexico Oil Conservation Commission
Post Office Box 871
Santa Fe, New Mexico 87501

Re: Case No. 5141 January 3, 1974
Application for David Fasken
Directional Drilling of his
Vandiver "7" No. 1
Section 7, T-18-S, R-26-E
West Atoka Morrow Gas Pool
Eddy County, New Mexico

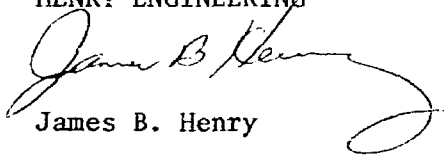
Dear Mr. Nutter:

Attached please find a Waiver executed by Mr. J. B. Taylor, Vice President of Coquina Oil Corp., stating that he waives any objection to Mr. Fasken's receiving a target area with a radius of 100' around the bottom hole location requested in Case No. 5141.

Personal regards.

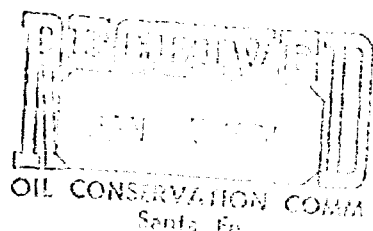
Yours truly,

HENRY ENGINEERING


James B. Henry

JBH:sip

cc: Mr. Richard S. Brooks



January 4, 1974

New Mexico Oil Conservation Commission
Post Office Box 871
Santa Fe, New Mexico 87501

Attention: Mr. Daniel S. Nutter

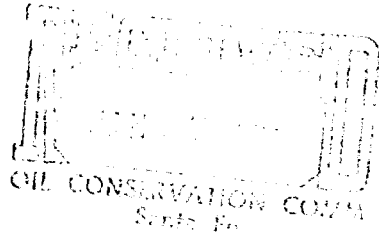
Subject: Case No. 5141 - January 3, 1974
Application for David Fasken
Directional Drilling of his
Vandiver "7" No. 1
Sec. 7, T-18-S, R-26-E
West Atoka Morrow Gas Pool
Eddy County, New Mexico

Please be advised that we have been informed regarding David Fasken's proposed directional drilling operation for his Vandiver "7" No. 1 as presented in your Case No. 5141. It is our understanding that he proposes to complete this well in the Morrow formation at a point 915' FSL & 660' FWL of Section 7, T-18-S, R-26-E, Eddy County, New Mexico. Coquina Oil Corp., as operator of the offsetting lease to the West, has no objection to your allowing Mr. Fasken a target area with a radius of 100' around the subject location.

Yours very truly,

COQUINA OIL CORP.

J. B. Taylor
1-14-74



January 4, 1974

New Mexico Oil Conservation Commission
Post Office Box 871
Santa Fe, New Mexico 87501

Attention: Mr. Daniel S. Nutter

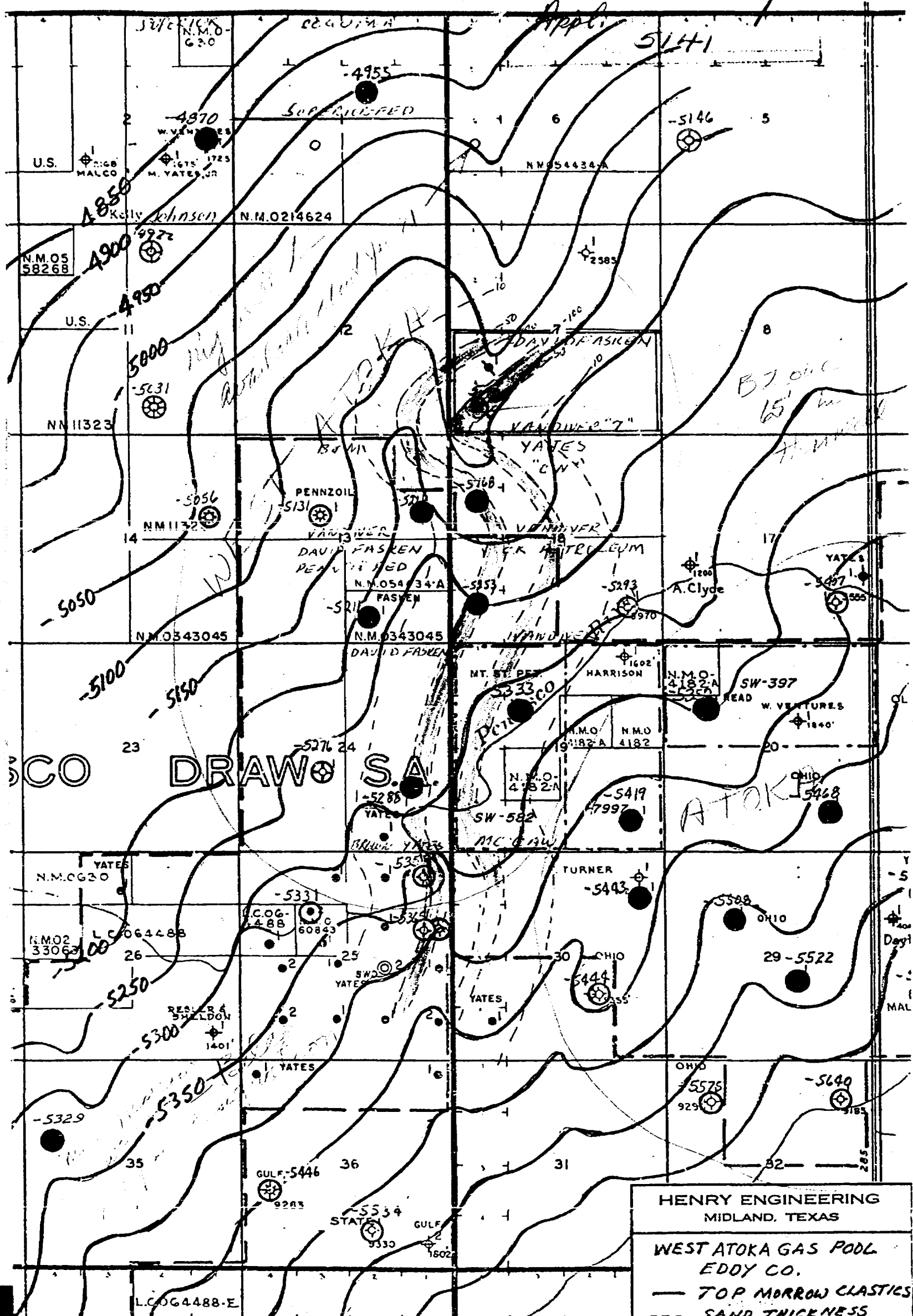
Subject: Case No. 5141 - January 3, 1974
Application for David Fasken
Directional Drilling of his
Vandiver "7" No. 1
Sec. 7, T-18-S, R-26-E
West Atoka Morrow Gas Pool
Eddy County, New Mexico

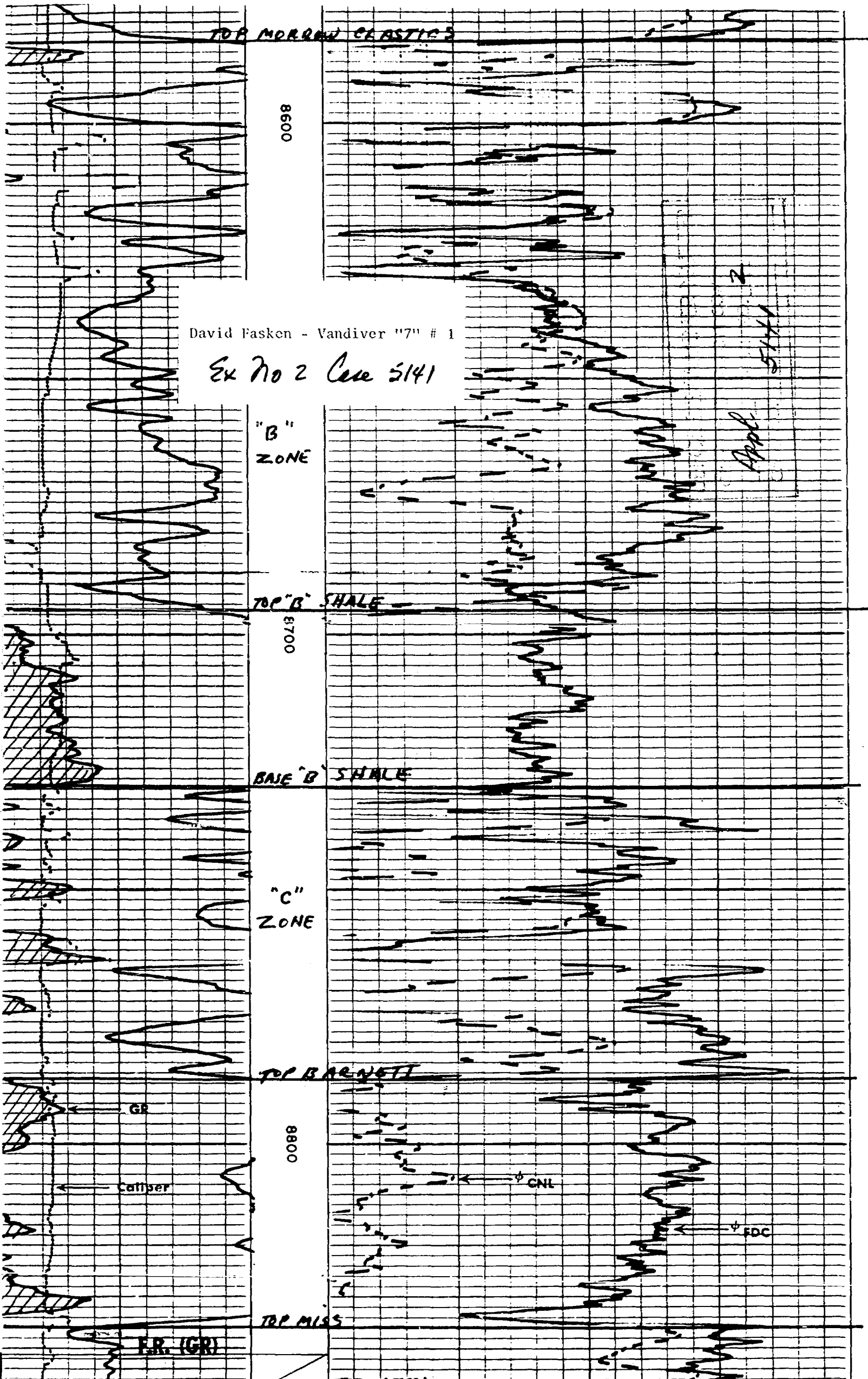
Please be advised that we have been informed regarding David Fasken's proposed directional drilling operation for his Vandiver "7" No. 1 as presented in your Case No. 5141. It is our understanding that he proposes to complete this well in the Morrow formation at a point 915' FSL & 660' FWL of Section 7, T-18-S, R-26-E, Eddy County, New Mexico. Coquina Oil Corp., as operator of the offsetting lease to the West, has no objection to your allowing Mr. Fasken a target area with a radius of 100' around the subject location.

Yours very truly,

COQUINA OIL CORP.

JBTaylor
1-4-74





TOP MORROW CEASTICS

0098

David Fasken - Vandiver "7" # 1

Ex No 2 Case 5141

"B"
ZONE

0073

TOP "B" SHALE

BASE "B" SHALE

"C"
ZONE

0080

TOP BARNETT

GR

Calliper

φ CNL

φ FDC

TOP MISS

F.R. (GR)

2

5141

Appl

RECEIVED
NEW MEXICO OIL CONSERVATION COMMISSION
JAN 10 1913

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION

IN THE MATTER OF

THE APPLICATION OF DAVID FASKEN
FOR AN UNORTHODOX LOCATION FOR
A GAS WELL IN SECTION 7,
TOWNSHIP 18 SOUTH, RANGE 26 EAST,
EDDY COUNTY, NEW MEXICO.

NO. 5741

A P P L I C A T I O N

Comes now the Applicant, by its attorneys, Montgomery, Federici, Andrews, Hannahs & Buell, and applies to this Commission through one of its examiners, for permission to drill in an unorthodox location a gas well in Section 7, Township 18 South, Range 26 East, Eddy County, New Mexico, and in support of its application states:

1. Applicant proposes to re-enter an existing well presently located in said Section 7 which is 660 feet from the South line and 660 feet from the west line of said Section 7.

2. After re-entering said well, Applicant proposes to drill a gas well to the Morrow formation at approximately 9,000 feet in the West Atoka-Morrow Gas Pool in Eddy County, New Mexico.

3. The proposed well will be directionally drilled and will reach a total depth and bottom in a location 660 feet from the West line and 915 feet from the South line of said Section 7.

4. The granting of this Application will prevent waste and protect correlative rights.

WHEREFORE, the Applicant requests that this Application be set for hearing before the Commission, or one of its

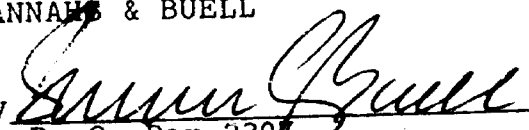
DOCKET MAILED

Date 12-18-13

examiners, at the earliest practicable date, and that the Commission enter its Order approving the unorthodox location as requested herein.

MONTGOMERY, FEDERICI, ANDREWS,
HANNAH & BUELL

By



P. O. Box 230
Santa Fe, New Mexico 87501
Attorneys for Applicant

DRAFT

dr/

(Handwritten initials)

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE NO. 5141

Order No. R-4705

APPLICATION OF DAVID FASKEN
FOR DIRECTIONAL DRILLING,
EDDY COUNTY, NEW MEXICO.

(Handwritten signatures and initials)

(Handwritten initials)

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on January 3, 1974,
at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this day of January, 1974, the Commission,
a quorum being present, 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 Commission has jurisdiction of this cause and the subject
matter thereof.

(2) That the applicant, David Fasken, is the owner and
operator of the Fasken-Vandiver Well No. 1, having an unorthodox
surface location 660 feet from the South line and 660 feet from
the West line of Section 7, Township 18 South, Range 26 East,
NMPM, West Atoka-Morrow Gas Pool, Eddy County, New Mexico.

(3) That the subject well was originally drilled to a total depth of 8864 feet into the Morrow formation but was not productive of gas from that formation.

(4) That the applicant proposes to re-enter the well, to plug the well back to a kick-off point at 6850 feet ^{and} ~~to~~ set a whipstock at that depth, and to directionally drill to bottom the well in the Morrow formation within 100 feet of a point 915 feet from the South line and 660 feet from the West line of said Section 7.

(5) That the applicant in his original application requested authority to drill to a point 915 feet from the South line and 660 feet from the West line of said Section 7, but that, during the hearing of this case, the applicant requested that the application be amended to request permission to drill to within 100 feet of a point 915 feet from the South line and 660 feet from the West line of said Section 7.

(6) That the applicant has obtained a waiver ^{of objection} from the affected offsetting operator.

(7) That the subject application should be amended to request authority to directionally drill to bottom the subject well in the Morrow formation within 100 feet of a point 915 feet from the South line and 660 feet from the West line of Section 7, Township 18 South, Range 26 East, NMPM, West Atoka-Morrow Gas Pool, Eddy County, New Mexico.

(8) That the applicant has determined the subsurface location of the whipstock point by means of a continuous multi-shot directional survey conducted prior to the hearing of this case and that said point has been established at a true vertical depth of 6850 feet to be 592 feet from the South line and 826 feet from the West line of said Section 7.

(9) That approval of the subject application as amended will prevent the drilling of unnecessary wells, avoid the augmentation of risk arising from the drilling of an excessive number of wells, and otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the application of David Fasken is hereby amended to request authorization to directionally drill his Vandiver No. ^{well} 1, ~~well~~, the surface location of which is 660 feet from the South line and 660 feet from the West line of Section 7, Township 18 South, Range 26 East, NMPM, West Atoka-Morrow Gas Pool, Eddy County, New Mexico, and to bottom said well in the Morrow formation within 100 feet of a point 915 feet from the South line and 660 feet from the West line of said Section 7.

(2) That the applicant, David Fasken, is hereby authorized to directionally drill the subject well in the manner requested in the application as amended.

PROVIDED HOWEVER, that subsequent to the above-described directional drilling, a continuous multi-shot directional survey shall be made of the wellbore from total depth to the whipstock point with shot points not more than 100 feet apart; that the operator shall cause the surveying company to forward a copy of the survey report directly to the Santa Fe Office of the Commission, Box 2088, Santa Fe, New Mexico 87501, and that the operator shall notify the Commission's Hobbs District Office of the date and time said survey is to be commenced.

(3) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

CASE NO. 5141
Order No. R-4705-A

APPLICATION OF DAVID FASKEN
FOR DIRECTIONAL DRILLING,
EDDY COUNTY, NEW MEXICO.

NUNC PRO TUNC

BY THE COMMISSION:

It appearing to the Commission that due to clerical error and inadvertence, Order No. R-4705, dated January 18, 1974, does not correctly state the intended order of the Commission,

IT IS THEREFORE ORDERED:

(1) That Paragraph (2) on Page 2 of Order No. R-4705, be and the same is hereby corrected to read as follows:

"(2) That the applicant, David Fasken, is hereby authorized to directionally drill the subject well in the manner requested in the application as amended.

PROVIDED HOWEVER, that subsequent to the above-described directional drilling, a continuous multi-shot directional survey shall be made of the wellbore from total depth to the whipstock point with shot points not more than 100 feet apart; that the operator shall cause the surveying company to forward a copy of the survey report directly to the Santa Fe Office of the Commission, Box 2088, Santa Fe, New Mexico 87501, and that the operator shall notify the Commission's Artesia District Office of the date and time said survey is to be commenced."

(2) That this order shall be effective nunc pro tunc as of January 18, 1974.

DONE at Santa Fe, New Mexico, this _____ day of January, 1974.