

Case No.

2355

Application

Transcripts.

Small Exhibits

ETC

BRUCE KING
GOVERNOR

LARRY KEHOE
SECRETARY

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

November 19, 1981

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-2434

Mr. William F. Carr
Campbell, Byrd & Black
Attorneys at Law
Post Office Box 2208
Santa Fe, New Mexico 87501

Re: CASE NO. 7355
ORDER NO. R-6796-A

Applicant:

Doyle Hartman

Dear Sir:

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

Yours very truly,

JOE D. RAMEY
Director

JDR/fd

Copy of order also sent to:

Hobbs OCD	x
Artesia OCD	x
Aztec OCD	

Other

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

CASE NO. 7355
Order No. R-6796-A

APPLICATION OF DOYLE HARTMAN
FOR DIRECTIONAL DRILLING AND AN
UNORTHODOX LOCATION, LEA COUNTY,
NEW MEXICO.

NUNC PRO TUNC ORDER

BY THE DIVISION:

It appearing to the Division that Order No. R-6796, dated October 13, 1981, does not correctly state the intended order of the Division,

IT IS THEREFORE ORDERED:

(1) That Order No. (1) on page 2 of Order No. R-6796 be and the same is hereby corrected to read in its entirety as follows:

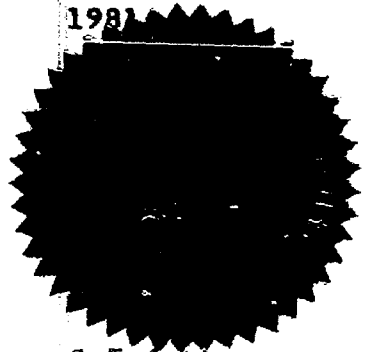
"(1) That the applicant, Doyle Hartman, is hereby authorized to directionally drill his Bates Well No. 3, the surface location of which is 1635 feet from the South line and 1210 feet from the West line of Section 20, Township 25 South, Range 37 East, in such a manner as to bottom it at a depth of 3500 feet in the Jalmat Gas Pool at an unorthodox location within 100 feet of a point 2310 feet from the South line and 1650 feet from the West line of Section 20."

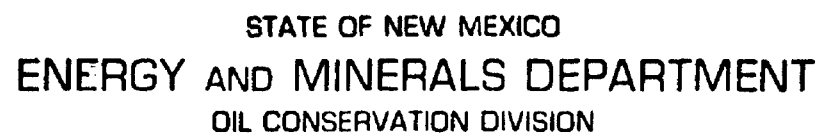
(2) That the corrections set forth in this order be entered nunc pro tunc as of October 13, 1981.

DONE at Santa Fe, New Mexico, on this 18th day of November, 1981.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION



JOE D. RAMEY
Director


S E A L
fd/



POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-2434

Doyle Hartman

Yours very truly,

JOE D. RAMEY
Director

Other _____

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. 7355
Order No. R-6796

APPLICATION OF DOYLE HARTMAN
FOR DIRECTIONAL DRILLING AND AN
UNORTHODOX LOCATION, LEA COUNTY,
NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on September 23, 1981, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 13th day of October, 1981, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Doyle Hartman, seeks authority to directionally drill his Bates well NO. 3, the surface location of which is 1635 feet from the South line and 1210 feet from the West line of Section 20, Township 25 South, Range 37 East, in such a manner as to bottom it at a depth of 3500 feet in the Jalmat Gas Pool at an unorthodox location 2310 feet from the South line and 1650 feet from the West line of Section 20.

(3) That the SW/4 of said Section 20 would be dedicated to the well.

-2-

CASE NO. 7355
Order No. R-6796

(4) That the applicant should be required to determine the subsurface location of the bottom of the hole by means of a continuous multi-shot directional survey conducted subsequent to said directional drilling, if said well is to be completed as a producing well.

(5) That the application should be approved.

IT IS THEREFORE ORDERED:

(1) That the applicant, Doyle Hartman, is hereby authorized to directionally drill his Bates Well No. 3, the surface location of which is 1635 feet from the South line and 1210 feet from the West line of Section 20, Township 25 South, Range 37 East, in such a manner as to bottom it at a depth of 3500 feet in the Jalmat Gas Pool at an unorthodox location 2310 feet from the South line and 1650 feet from the West line of Section 20.

(2) That the SW/4 of said Section 20 is hereby dedicated to the well.

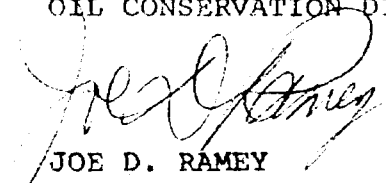
PROVIDED HOWEVER, that subsequent to the above-described directional drilling, should said well be a producer, a continuous multi-shot directional survey shall be made of the wellbore from total depth to the kick-off point with shot points not more than 100 feet apart; that the operator shall cause the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

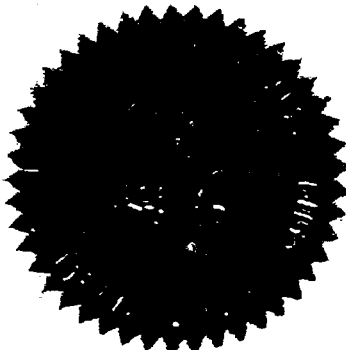
(3) That Form C-105 shall be filed in accordance with Division Rule 1105 and the operator shall indicate thereon true vertical depth in addition to measured depths, and the bottom hole location of the well.

(4) 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.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


JOE D. RAMEY
DIRECTOR



S E A L

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
STATE LAND OFFICE BLDG.
SANTA FE, NEW MEXICO
23 September 1981

EXAMINER HEARING

IN THE MATTER OF:

Application of Doyle Hartman for
directional drilling and an unor-
thodox location, Lea County, New
Mexico.

CASE
7355

BEFORE: Richard L. Stamets

TRANSCRIPT OF HEARING

A P P E A R A N C E S

For the Oil Conservation
Division:

W. Perry Pearce, Esq.
Legal Counsel to the Division
State Land Office Bldg.
Santa Fe, New Mexico 87501

For the Applicant:

MR. STAMETS: Call next Case 7355.

MR. PEARCE: Application of Doyle Hartman for directional drilling and an unorthodox location, Lea County, New Mexico.

MR. STAMETS: This case was continued from a previous hearing, re-advertised for a correction of the location.

Is there any additional testimony in Case 7355 today?

Being none, the case will be taken under advisement.

(Hearing concluded.)

C E R T I F I C A T E

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

Sally W. Boyd CSR

I do hereby certify that the foregoing is
a complete record of the proceedings in
the Examiner hearing of Case No. 2355
heard by me on 9-23 19 81.
Richard J. [Signature] Examiner
Oil Conservation Division

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
STATE LAND OFFICE BLDG.
SANTA FE, NEW MEXICO

23 September 1981

EXAMINER HEARING

IN THE MATTER OF:

Application of Doyle Hartman for
directional drilling and an unorthodox
location, Lea County, New
Mexico.

CASE
7355

BEFORE: Richard L. Stamets

TRANSCRIPT OF HEARING

A P P E A R A N C E S

For the Oil Conservation
Division:

W. Perry Pearce, Esq.
Legal Counsel to the Division
State Land Office Bldg.
Santa Fe, New Mexico 87501

For the Applicant:

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MR. STAMETS: Call next Case 7355.

MR. PEARCE: Application of Doyle Hartman for directional drilling and an unorthodox location, Lea County, New Mexico.

MR. STAMETS: This case was continued from a previous hearing, re-advertised for a correction of the location.

Is there any additional testimony in Case 7355 today?

Being none, the case will be taken under advisement.

(Hearing concluded.)

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C E R T I F I C A T E

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

Sally W. Boyd CSR

I do hereby certify that the foregoing is
a complete record of the proceedings in
the Examiner hearing of Case No. _____,
heard by me on _____ 19____.

_____, Examiner
Oil Conservation Division



**REPORT
of
SUB-SURFACE
DIRECTIONAL
SURVEY**

Doyle Hartman Oil Operator
COMPANY

Bates Well No. 3
WELL NAME

Lea County, New Mexico
LOCATION

JOB NUMBER

WT981-G0006
WT981-G0017

TYPE OF SURVEY

Gyroscopic Multishot
Gyroscopic Multishot

DATE

9-6-81
9-14-81

SURVEY BY
Doug Jeffers
Tim Stephens

RECEIVED
OCT 19 1981
CONSERVATION DIVISION
SANTA FE

OFFICE
West Texas
West Texas

DOYLE HARTMAN OIL OPERATOR
BATES WELL NO. 2
LEA COUNTY, NEW MEXICO BDI-330
SEPTEMBER 16, 1981

EASTMAN WHIPSTOCK INC.
GYROSCOPIC MULTIPLE SHOT SURVEY WT981-00006
-- SURVEYOR: DOUG JEFFERS -- (0'-700')
GYROSCOPIC MULTIPLE SHOT SURVEY WT981-00017
SURVEYOR: TIM STEPHENS (700'-3425')

RECORD OF SURVEY

RADIUS OF CURVATURE METHOD

DOYLE MARTIN OIL OPERATOR
 BATES WELL NO. 3
 LEA COUNTY, NEW MEXICO PD1-300

COMPUTATION
 TIME DATE
 16:53:53 16-SEP-81

PAGE NO.

MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION D	TRUE VERTICAL DEPTH FEET	RECTANGULAR COORDINATES FEET		DOG LEG SEVERITY DG/100FT
0.	0 0	0	0.00	0.00	0.00	0.00
100.	0 15	N 5 W	100.00	0.22 N	0.02 W	0.25
200.	0 0	0	200.00	0.43 N	0.04 W	0.25
300.	0 0	0	300.00	0.43 N	0.04 W	0.00
400.	0 0	0	400.00	0.43 N	0.04 W	0.00
500.	0 30	S 3 E	500.00	0.00 S	0.02 W	0.50
600.	0 30	N 89 W	599.99	0.56 S	0.56 W	0.73
700.	0 15	N 64 E	699.99	0.10 S	0.66 W	0.73
800.	3 30	N 42 E	799.93	1.86 N	1.94 E	3.27
900.	4 0	N 42 E	899.71	6.72 N	6.31 E	0.50
1000.	5 30	N 37 E	999.36	13.11 N	11.58 E	1.55
1100.	6 15	N 31 E	1098.84	21.59 N	17.30 E	0.97
1200.	7 15	N 34 E	1193.14	31.50 N	23.62 E	1.06
1300.	8 30	N 34 E	1297.20	42.86 N	31.28 E	1.25
1400.	9 45	N 33 E	1395.93	56.03 N	40.03 E	1.26
1500.	11 0	N 31 E	1494.29	71.36 N	49.57 E	1.30
1600.	12 30	N 33 E	1592.20	88.62 N	60.36 E	1.55
1700.	14 0	N 32 E	1689.53	107.95 N	72.68 E	1.52
1800.	15 15	N 30 E	1786.29	129.60 N	85.68 E	1.35
1900.	17 0	N 30 E	1882.35	153.65 N	99.57 E	1.75
2000.	20 15	N 29 E	1977.10	181.44 N	115.29 E	3.27
2100.	22 0	N 28 E	2070.38	213.11 N	132.49 E	1.79
2200.	23 0	N 28 E	2162.76	246.90 N	150.45 E	1.00
2300.	23 45	N 29 E	2254.56	281.77 N	169.38 E	0.85
2400.	24 15	N 30 E	2345.91	317.17 N	189.41 E	0.64
2500.	23 0	N 37 E	2437.53	350.56 N	211.52 E	3.07
2600.	23 45	N 37 E	2529.32	382.25 N	235.39 E	0.75
2700.	23 0	N 37 E	2621.11	413.93 N	259.27 E	0.75
2800.	23 15	N 39 E	2713.08	444.88 N	283.45 E	0.82
2900.	23 15	N 39 E	2804.96	475.56 N	308.29 E	0.00

DOYLE HARDMAN OIL OPERATOR
 BATES WELL NO. 3
 LEA COUNTY, NEW MEXICO BD1-330

COMPUTATION
 TIME DATE
 16:58:58 16-SEP-81

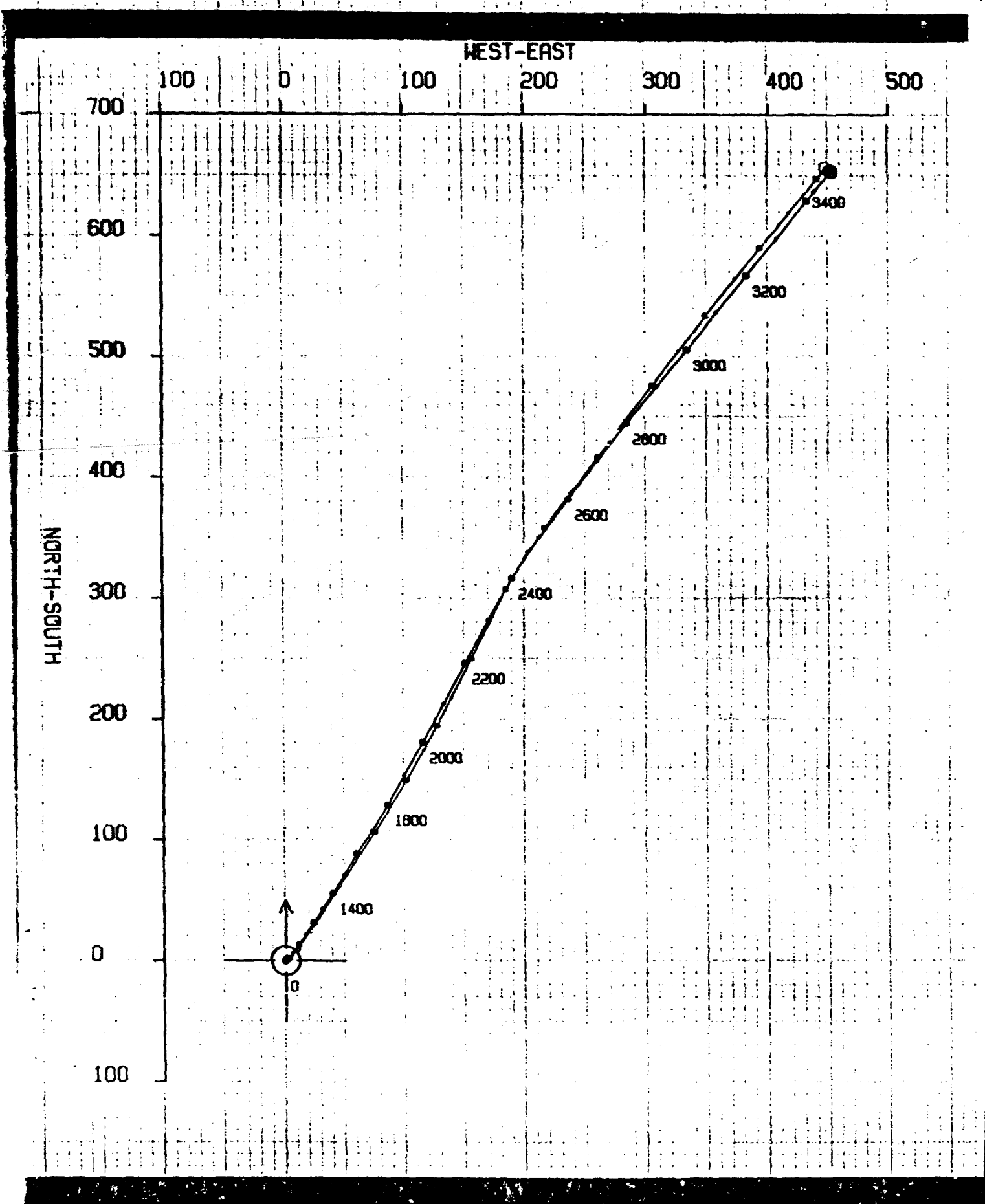
PAGE NO.

MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION D	TRUE VERTICAL DEPTH FEET	RECTANGULAR COORDINATES FEET		DOG LEG SEVERITY DG/100FT
3000.	23 0	N 39 E	2896.92	506.08 N	333.01 E	0.25
3100.	23 0	N 38 E	2988.97	536.66 N	357.33 E	0.39
3200.	23 15	N 39 E	3080.94	567.40 N	381.78 E	0.47
3300.	23 30	N 38 E	3172.73	598.45 N	406.48 E	0.47
3400.	23 15	N 39 E	3264.52	629.49 N	431.18 E	0.47
3425.	23 0	N 40 E	3287.51	637.07 N	437.42 E	1.86

THE FOLLOWING STATION IS A PROJECTION BASED ON PREVIOUS ANGLE AND H.D.

3482.	23 0	N 40 E	3339.98	654.13 N	451.74 E	0.00
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FINAL CLOSURE - DIRECTION: N 34 DEGS 38 MINS E
 DISTANCE: 794.96 FEET



NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-102
Superseded 6-1-24
Effective 1-1-25

All distances must be from the outer boundaries of the Section

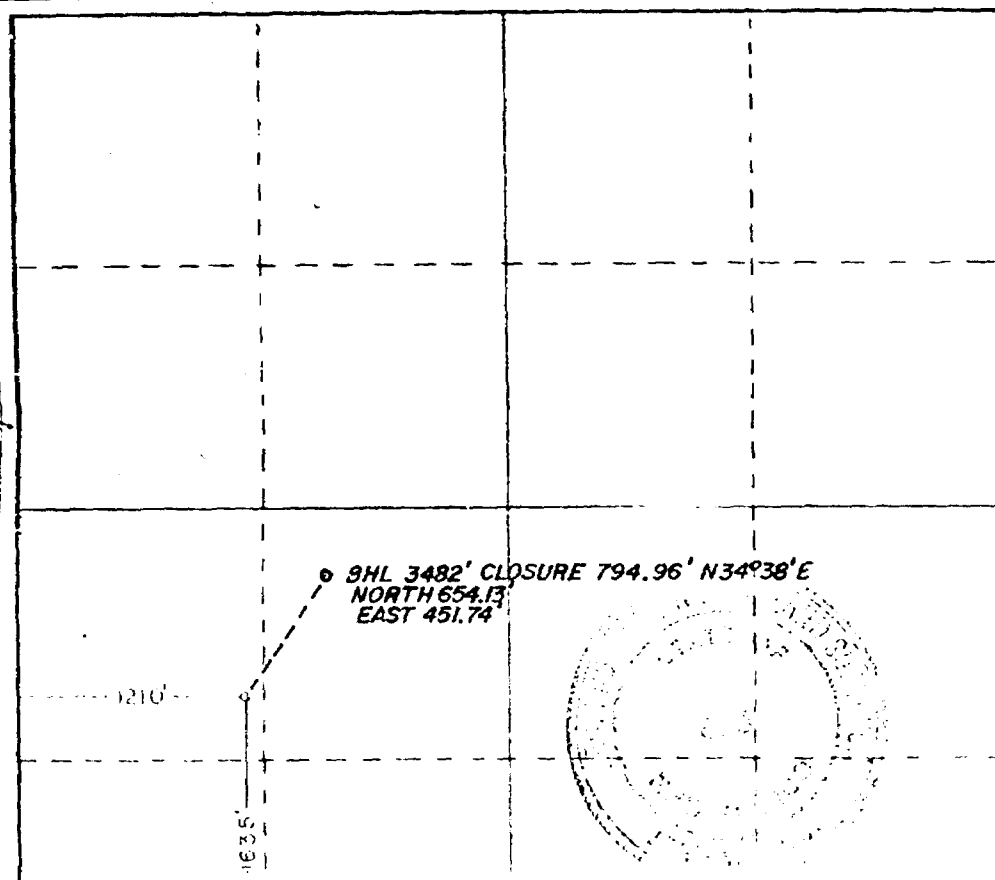
Operator DOYLE HARTMAN		Lease CITY OF JAL		Well No. 1
Unit Letter L	Section 20	Township 25 SOUTH	Range 37 EAST	County LEA
Actual Footage Location of Well: 1635 feet from the SOUTH line and 1210 feet from the WEST line				
Ground Level Elev. 3040.2	Producing Formation	Pool	Dedicated Acreage	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Name _____

Position _____

Company _____

Date _____

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

Date Surveyed

7-28-81



P. O. Box 5577/Midland, Texas 79701/(915) 563-0511
TWX 910-881-5066 Cable EASTCO

SURVEY CERTIFICATION SHEET

STATE OF TEXAS
COUNTY OF MIDLAND

I, Doug Jeffers, in the employ of Eastman Whipstock, Inc., did on the days of September, 6, 1981 thru September 6, 1981 conduct or supervise the taking of a Gyroscopic Multishot survey by the method of magnetic orientation from a depth of 0 feet to 700 feet, with recordings of inclination and direction being obtained at approximate intervals of 100 feet.

This survey was conducted at the request of Doyle Hartman Oil Operator for their Bates Well No. 3, Lea County, State of New Mexico, in the _____ field.

The data for this survey and the calculations were obtained and performed by me according to standards and procedures as set forth by Eastman Whipstock, Inc. and is true and correct to the best of my knowledge.

Doug Jeffers
Directional Supervisor/Surveyor

The data for this survey has been examined by me and conforms to principles and procedures set forth by Eastman Whipstock, Inc.

Tim Stephens

Before me, the undersigned authority, on this day personally appeared Doug Jeffers, known to me to be the person whose name is subscribed to this instrument, who after being by me duly sworn on oath, states that he has knowledge of all the facts stated above and that this instrument is a true statement of facts therein recited.

Subscribed and sworn to before me on this 17th day of SEPT., 1981.

Ray C. Steinke
Notary Public in and for the County of
Midland, Texas
My commission expires 7/9/85



P. O. Box 5577/Midland, Texas 79701/(915) 563-0511
TWX 910-881-5066/Cable: EASTCO

SURVEY CERTIFICATION SHEET

STATE OF TEXAS
COUNTY OF MIDLAND

I, Tim Stephens, in the employ of Eastman Whipstock, Inc., did on the days of September 14, 1981 thru September 14, 1981 conduct or supervise the taking of a Gyroscopic Multi Shot survey by the method of magnetic orientation from a depth of 700 feet to 3425 feet, with recordings of inclination and direction being obtained at approximate intervals of 100 feet.

This survey was conducted at the request of Doyle Hartman Oil Operator for their Bates Well No. 3, Lea County, State of New Mexico, in the _____ field.

The data for this survey and the calculations were obtained and performed by me according to standards and procedures as set forth by Eastman Whipstock, Inc. and is true and correct to the best of my knowledge.

Tim Stephens
Directional Supervisor/Surveyor

The data for this survey has been examined by me and conforms to principles and procedures set forth by Eastman Whipstock, Inc.

Raymond J. Steink

Before me, the undersigned authority, on this day personally appeared Tim Stephens, known to me to be the person whose name is subscribed to this instrument, who after being by me duly sworn on oath, states that he has knowledge of all the facts stated above and that this instrument is a true statement of facts therein recited.

Subscribed and sworn to before me on this 17TH day of SEPT., 1981.

Ray C. Steink
Notary Public in and for the County of
Midland, Texas
My commission expires 7/9/85



**REPORT
of
SUB-SURFACE
DIRECTIONAL
SURVEY**

Doyle Hartman Oil Operator
COMPANY

Bates Well No. 3
WELL NAME

Lea County, New Mexico
LOCATION

JOB NUMBER
WT981-D0007

TYPE OF SURVEY
Magnetic Single Shot

DATE
9-6-81

SURVEY BY
R.B. Vickers

OFFICE
West Texas

DOYLE HARMAN OIL OPERATORS

BATES WELL NO. 3

LEA COUNTY, NEW MEXICO BD.-300

SEPT. 6 - SEPT. 12, 1981

EASTMAN WHIPSTOCK, INC.

GYROSCOPIC MULTI SHOT SURVEY UT981-50006

SURVEYOR: DOUG JEFFERS (01-7007)

MAGNETIC SINGLE SHOT SURVEY

SURVEYOR: R. B. VICKERS (7001-34827)

VERTICAL SECTION CALCULATED IN PLANE OF PROPOSAL

DIRECTION: N 38 DEG. 6 MIN. E

RECORD OF SURVEY

RADIUS OF CURVATURE METHOD

DOYLE HARMAN OIL OPERATORS
 BATES WELL NO. 3
 LEA COUNTY, NEW MEXICO 591-120

COMPUTATION
 TIME DATE
 08:47:17 09-SEP-91

PAGE NO.

MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION D	COURSE LENGTH FEET	TRUE VERTICAL DEPTH FEET	VERTICAL SECTION FEET	RECTANGULAR COORDINATES FEET		DOGLEG SEVERITY DG/100FT
0.	0 0	0	0.	0.00	0.00	0.00	0.00	0.00
100.	0 15	N 5 W	100.	100.00	0.16	0.22 N	0.02 W	0.25
200.	0 0	0	100.	200.00	0.32	0.43 N	0.04 W	0.25
300.	0 0	0	100.	300.00	0.32	0.43 N	0.04 W	0.00
400.	0 0	0	100.	400.00	0.32	0.43 N	0.04 W	0.00
500.	0 30	S 3 E	100.	500.00	-0.01	0.00 S	0.02 W	0.50
600.	0 30	N 89 W	100.	599.99	-0.79	0.56 S	0.56 W	0.73
700.	0 15	N 64 E	100.	699.99	-0.48	0.10 S	0.66 W	0.73
827.	3 30	N 45 E	127.	826.91	3.49	2.31 N	2.71 E	2.57
858.	4 15	N 42 E	31.	857.84	5.57	3.82 N	4.15 E	2.51
952.	4 45	N 39 E	94.	951.55	12.94	9.43 N	3.94 E	0.59
1046.	5 45	N 36 E	94.	1045.15	21.54	16.26 N	14.17 E	1.10
1140.	6 45	N 34 E	94.	1138.59	31.76	24.64 N	20.04 E	1.09
1234.	7 45	N 33 E	94.	1231.84	43.58	34.53 N	28.59 E	1.07
1328.	8 45	N 33 E	92.	1322.83	56.73	43.60 N	38.78 E	1.09
1420.	10 0	N 36 E	94.	1415.63	72.01	58.22 N	42.43 E	1.43
1512.	11 30	N 32 E	92.	1504.01	89.12	72.44 N	51.05 E	1.82
1605.	12 45	N 33 E	93.	1596.93	108.56	88.92 N	62.54 E	1.36
1699.	13 45	N 32 E	94.	1688.43	130.00	107.09 N	74.12 E	1.09
1794.	15 30	N 32 E	95.	1780.35	153.85	127.43 N	86.83 E	1.84
1887.	17 0	N 32 E	93.	1869.63	179.73	149.50 N	100.62 E	1.61
1981.	20 0	N 28 E	94.	1958.76	209.25	175.32 N	115.53 E	3.46
2044.	21 15	N 28 E	63.	2017.72	231.10	194.91 N	125.95 E	1.98
2113.	22 15	N 27 E	69.	2081.81	256.23	217.59 N	137.75 E	1.55
2210.	23 0	N 27 E	97.	2171.35	292.84	250.84 N	154.69 E	0.77
2306.	23 45	N 27 E	96.	2259.47	330.22	284.78 N	171.98 E	0.78
2369.	24 30	N 26 E	63.	2316.96	353.44	307.82 N	183.47 E	1.36
2456.	23 15	N 34 E	97.	2396.52	390.28	338.29 N	201.06 E	0.99
2519.	23 15	N 36 E	63.	2454.40	412.11	358.66 N	215.33 E	1.25
2608.	23 30	N 37 E	89.	2536.10	450.40	387.04 N	236.33 E	0.53

DOYLE HARMAN OIL OPERATORS
BATES WELL NO. 3
LEA COUNTY, NEW MEXICO 881-320

COMPUTATION PAGE NO. 2
TIME DATE
08:47:17 09-SEP-81

MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION D	COURSE LENGTH FEET	TRUE VERTICAL DEPTH FEET	VERTICAL SECTION FEET	R E C T A N G U L A R C O O R D I N A T E S FEET		DOGLEG SEVERITY DG/100FT
2703.	23 15	N 37 E	95.	2623.30	488.09	417.14 N	259.01 E	0.26
2799.	22 45	N 37 E	96.	2711.67	525.59	447.10 N	281.59 E	0.52
2893.	23 15	N 37 E	94.	2798.20	562.31	476.43 N	303.69 E	0.53
2985.	23 0	N 37 E	92.	2882.80	598.44	505.29 N	325.44 E	0.27
3079.	22 45	N 38 E	94.	2969.41	634.97	534.28 N	347.68 E	0.49
3179.	23 0	N 38 E	100.	3061.55	673.84	564.91 N	371.61 E	0.25
3263.	23 0	N 39 E	84.	3138.87	706.66	590.59 N	392.04 E	0.47
3358.	23 15	N 39 E	95.	3226.24	743.97	619.59 N	415.52 E	0.26
3451.	23 0	N 40 E	93.	3311.76	780.48	647.77 N	438.76 E	0.50

THE FOLLOWING STATION IS A PROJECTION BASED ON PREVIOUS ANGLE AND H.D.

3482.	23 0	N 40 E	31.	3340.30	792.59	657.05 N	446.54 E	0.00
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FINAL CLOSURE - DIRECTION: N 04 DEGS 12 MINS E
DISTANCE: 794.43 FEET



P. O. Box 5577/Midland, Texas 79701/(915) 563-0511
TWX 910-881-5066/Cable: EASTCO

SURVEY CERTIFICATION SHEET

STATE OF TEXAS
COUNTY OF MIDLAND

I, R.B. VICKERS, in the employ of Eastman Whipstock, Inc., did on the days of SEPT. 6, 1981 thru SEPT. 12, 1981 conduct or supervise the taking of a MAGNETIC SINGLE SHOT survey by the method of magnetic orientation from a depth of 700 feet to 3451 feet, with recordings of inclination and direction being obtained at approximate intervals of RANDOM feet.

This survey was conducted at the request of DOYLE HARTMAN OIL OPERATOR for their BATES WELL NO. 3, LEA County, State of NEW MEXICO, in the _____ field.

The data for this survey and the calculations were obtained and performed by me according to standards and procedures as set forth by Eastman Whipstock, Inc. and is true and correct to the best of my knowledge.

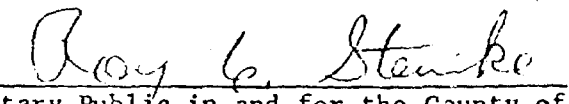

Directional Supervisor/Surveyor

The data for this survey has been examined by me and conforms to principles and procedures set forth by Eastman Whipstock, Inc.



Before me, the undersigned authority, on this day personally appeared R.B. VICKERS, known to me to be the person whose name is subscribed to this instrument, who after being by me duly sworn on oath, states that he has knowledge of all the facts stated above and that this instrument is a true statement of facts therein recited.

Subscribed and sworn to before me on this 17th day of SEPT., 1981.


Notary Public in and for the County of
Midland, Texas
My commission expires 7/9/85

CAMPBELL, BYRD & BLACK, P.A.
LAWYERS

JACK M. CAMPBELL
HARL D. BYRD
BRUCE D. BLACK
MICHAEL B. CAMPBELL
WILLIAM F. CARR
BRADFORD C. BERGE
WILLIAM G. WARDLE

JEFFERSON PLACE
SUITE 1-110 NORTH GUADALUPE
POST OFFICE BOX 2208
SANTA FE, NEW MEXICO 87501
TELEPHONE: (505) 988-4421
TELECOPIER: (505) 983-6043

September 2, 1981

Mr. R.L. Stamets
Technical Support Chief
Oil Conservation Division
New Mexico Department of Energy & Minerals
P.O. Box #2088
Santa Fe, New Mexico 87501

Case 7355

Re: Case 7340: Application of Doyle Hartman for Directional
Drilling, Lea County, New Mexico.

Dear Mr. Stamets:

Pursuant to your request I am enclosing a copy of an amended
application in the above referenced case. Mr. Hartman
requests that this case be readvertised for hearing on
September 23, 1981.

Your attention to this request is appreciated.

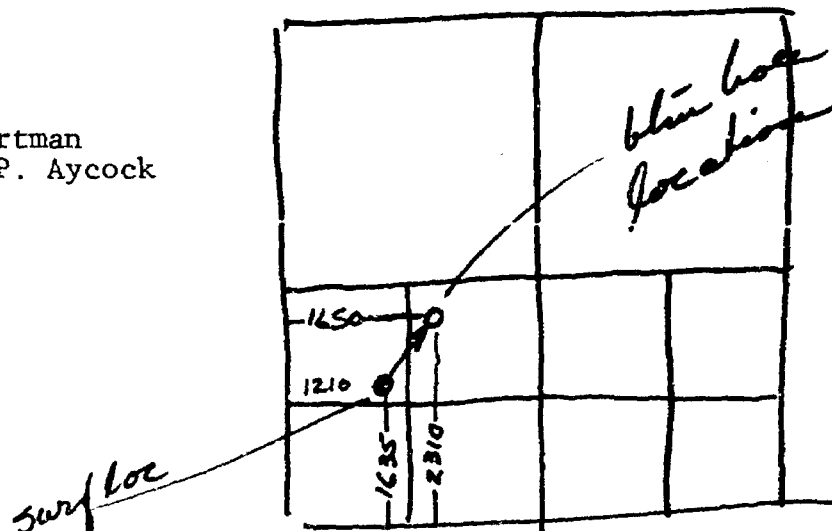
Very truly yours,

William F. Carr

William F. Carr

WFC/ss

cc: Mr. Doyle Hartman
Mr. William P. Aycock



BEFORE THE
OIL CONSERVATION DIVISION
NEW MEXICO DEPARTMENT OF ENERGY AND MINERALS

IN THE MATTER OF THE APPLICATION OF
DOYLE HARTMAN FOR DIRECTIONAL
DRILLING, LEA COUNTY, NEW MEXICO

7355
CASE ~~7340~~

AMENDED APPLICATION

Comes now DOYLE HARTMAN, by and through its undersigned attorneys, and hereby makes application pursuant to Oil Conservation Division Rule 111 to directionally drill his Bates No. 3 Well, Jalmat Pool, and in support thereof would show the Division:

1. Applicant is the operator of the Jalmat Pool underlying the SW/4 of Section 20, Township 25 South, Range 37 East, N.M.P.M., Lea County, New Mexico.
2. Applicant proposes to directionally drill his Bates No. 3 Well from a surface location of 1635 feet from the South line and 1210 feet from the West line to a bottom hole location of 2310 feet from the South and 1650 feet from the West line at a depth of 3500 feet in the Jalmat Pool of Section 20, Township 25 South, Range 37 East, N.M.P.M., Lea County, New Mexico.
3. Applicant proposes to dedicate to the Bates No. 3 Well a standard proration unit comprised of the SW/4 of said Section 20.
4. The subject well lies in close proximity to a number of buildings within the City of Jal, New Mexico and must be directionally drilled to enable the applicant

to produce the reserves which underlie the above-referenced proration unit.

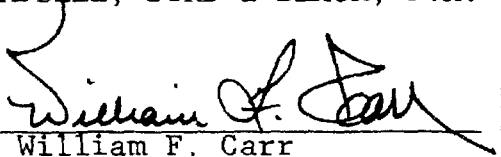
5. Attached hereto and incorporated herein is a copy of the Application for Permit to Drill the subject well, OCD Form C-102 showing the proposed surface and bottom hole location for the subject well, a plat showing the general topography of the proposed proration units and a preliminary proposal showing the proposed deviation of the hole for the subject well.

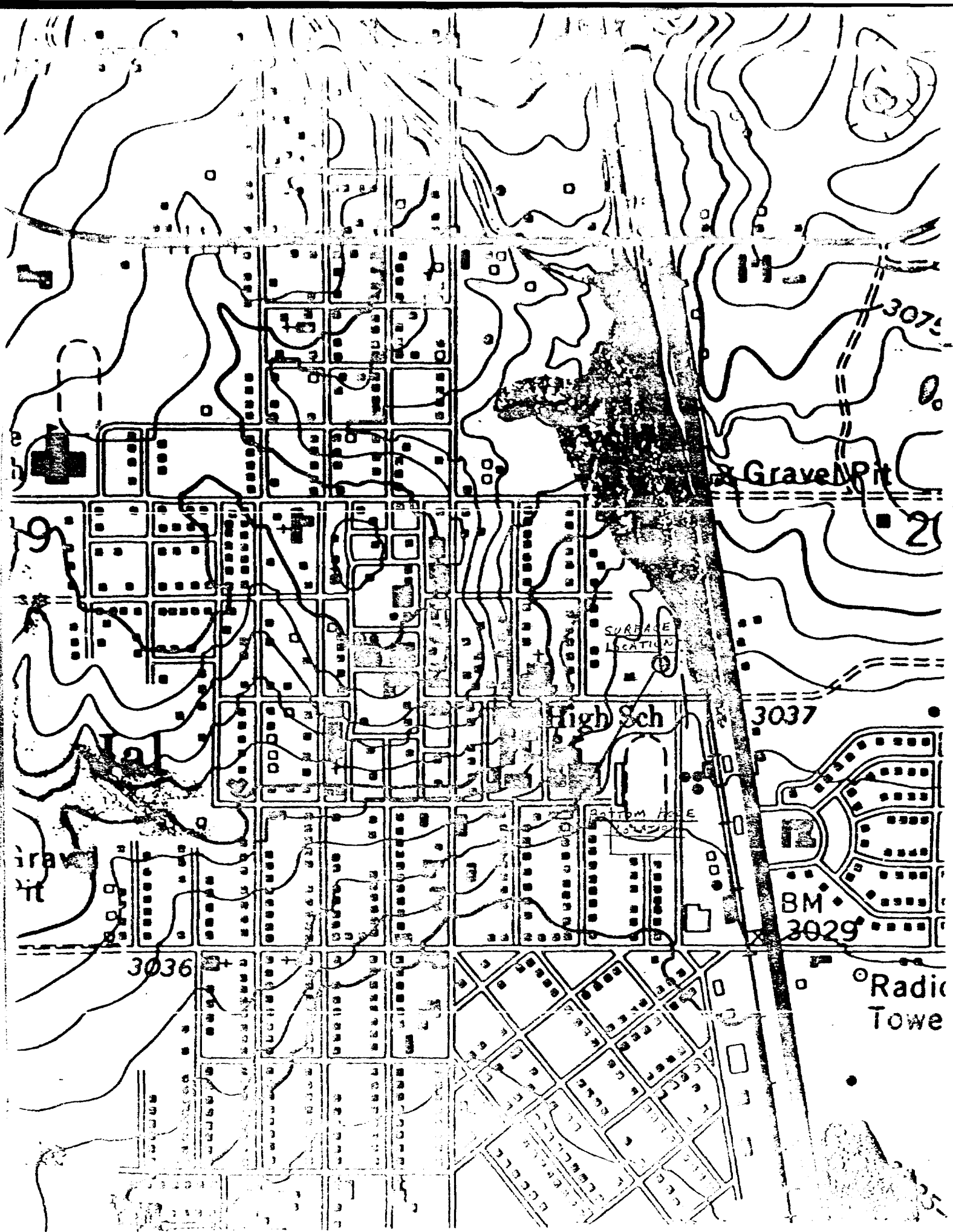
6. That approval of this application will enable the applicant to produce hydrocarbons that otherwise would not be produced and otherwise will be in the best interest of conservation, the prevention of waste and the protection of correlative rights.

WHEREFORE, Applicant requests that this matter be set for hearing before a duly appointed examiner of the Oil Conservation Division, that notice be given as required by law and the rules of the Division, and that after hearing, the Division enter its order granting the applicant permission to directionally drill its Bates No. 3 Well and granting such other and further relief as is appropriate.

Respectfully submitted,
CAMPBELL, BYRD & BLACK, P.A.

By


William F. Carr
Post Office Box 2208
Santa Fe, New Mexico 87501
Attorneys for Applicant



DISPLACEMENT AND TRUE VERTICAL DEPTH
vs. MEASURED DEPTH

Bates No. 3
N/2 SW/4 Section 20, T-25-S, R-37-E
Lea County, New Mexico

Measured Depth	Section	Average Deviation	Displacement	Total Displacement	TVD
800	800	0	0	0	800
900	100	1 1/4	2.181	2.181	899.98
1000	100	3 3/4	6.540	8.721	999.76
1100	100	6 1/4	10.887	19.608	1099.17
1200	100	8 3/4	15.212	34.820	1198.00
1300	100	11 1/4	19.509	54.329	1296.08
1400	100	13 3/4	23.769	78.098	1393.22
1500	100	16 1/4	27.983	106.081	1489.22
1600	100	17 3/4	30.486	136.57	1584.46
1700	100	19	32.557	169.124	1679.01
2500	800	19	260.456	429.580	2435.43
2600	100	19	32.557	462.137	2547.98
3500	900	19	293.013	755.150	3398.95
3600	100	19	32.557	787.707	3493.50
3700	100	19	32.557	820.264	3588.05

TRUE VERTICAL DEPTH vs. DISPLACEMENT

Bates No. 3
N/2 SW/4 Section 20, T-25-S, R-37-E
Lea County, New Mexico

Surface Location:

1635 FSL & 1210 FWL (L),
Sec. 20, T-25-S, R-37-E

440' H
675'
800'
NORTH 33.5° EAST

KICK OFF POINT

Built Angle
 $2\frac{1}{2}^\circ/100'$

MAXIMUM
ANGLE 19°

Bottomhole Location:

2310 FSL & 1650 FWL (K)
Sec. 20, T-25-S, R-37-E
MD= 3650 @
TVD= 3500
Total Displacement= 800'
Direction: N33.5°E

445'
800'

500'

1000'

1500'

2000'

2500'

3000'

3500'

TRUE VERTICAL DEPTH

DISPLACEMENT

IN THE
OIL CONSERVATION DIVISION
NEW MEXICO DEPARTMENT OF ENERGY AND MINERALS

IN THE MATTER OF THE APPLICATION OF
DOYLE HARTMAN FOR DIRECTIONAL
DRILLING, LEA COUNTY, NEW MEXICO

7355
CASE 7340

AMENDED APPLICATION

Comes now DOYLE HARTMAN, by and through its undersigned attorneys, and hereby makes application pursuant to Oil Conservation Division Rule 111 to directionally drill his Bates No. 3 Well, Jalmat Pool, and in support thereof would show the Division:

1. Applicant is the operator of the Jalmat Pool underlying the SW/4 of Section 20, Township 25 South, Range 37 East, N.M.P.M., Lea County, New Mexico.
2. Applicant proposes to directionally drill his Bates No. 3 Well from a surface location of 1635 feet from the South line and 1210 feet from the West line to a bottom hole location of 2310 feet from the South and 1650 feet from the West line at a depth of 3500 feet in the Jalmat Pool of Section 20, Township 25 South, Range 37 East, N.M.P.M., Lea County, New Mexico.
3. Applicant proposes to dedicate to the Bates No. 3 Well a standard proration unit comprised of the SW/4 of said Section 20.
4. The subject well lies in close proximity to a number of buildings within the City of Jal, New Mexico and must be directionally drilled to enable the applicant

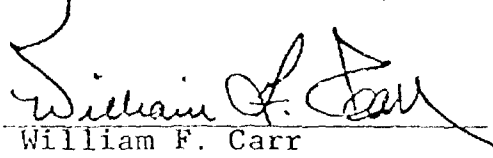
to produce the reserves which underlie the above-referenced proration unit.

5. Attached hereto and incorporated herein is a copy of the Application for Permit to Drill the subject well, OCD Form C-102 showing the proposed surface and bottom hole location for the subject well, a plat showing the general topography of the proposed proration units and a preliminary proposal showing the proposed deviation of the hole for the subject well.

6. That approval of this application will enable the applicant to produce hydrocarbons that otherwise would not be produced and otherwise will be in the best interest of conservation, the prevention of waste and the protection of correlative rights.

WHEREFORE, Applicant requests that this matter be set for hearing before a duly appointed examiner of the Oil Conservation Division, that notice be given as required by law and the rules of the Division, and that after hearing, the Division enter its order granting the applicant permission to directionally drill its Bates No. 3 Well and granting such other and further relief as is appropriate.

Respectfully submitted,
CAMPBELL, BYRD & BLACK, P.A.

By 
William F. Carr
Post Office Box 2208
Santa Fe, New Mexico 87501
Attorneys for Applicant



DISPLACEMENT AND TRUE VERTICAL DEPTH
vs. MEASURED DEPTH

Bates No. 3
N/2 SW/4 Section 20, T-25-S, R-37-E
Lea County, New Mexico

Measured Depth	Section	Average Deviation	Displacement	Total Displacement	TVD
800	800	0	0	0	800
900	100	1 1/4	2.181	2.181	897.98
1000	100	3 3/4	6.540	8.721	999.76
1100	100	6 1/4	10.887	19.608	1099.17
1200	100	8 3/4	15.212	34.820	1198.00
1300	100	11 1/4	19.509	54.329	1296.08
1400	100	13 3/4	23.769	78.098	1393.22
1500	100	16 1/4	27.983	106.081	1489.22
1600	100	17 3/4	30.486	136.57	1584.46
1700	100	19	32.557	169.124	1679.01
2500	800	19	260.456	429.580	2435.43
2600	100	19	32.557	462.137	2547.98
3500	900	19	293.013	755.150	3398.95
3600	100	19	32.557	787.707	3493.50
3700	100	19	32.557	820.264	3588.05

TRUE VERTICAL DEPTH vs. DISPLACEMENT

Bates No. 3
N/2 SW/4 Section 20, T-25-S, R-37-E
Lea County, New Mexico

Surface Location:
1635 FSL & 1210 FWL (L),
Sec. 20, T-25-S, R-37-E

1140'
675'
800'
NORTH 33.5° EAST

KICK OFF POINT

BUILD ANGLE
2 1/2°/100'

MAXIMUM
ANGLE 19°

Bottomhole Location:
2310 FSL & 1650 FWL (K)
Sec. 20, T-25-S, R-37-E
MD= 3650 @
TVD= 3500
Total Displacement= 800'
Direction: N33.5°E

800'

500'

1000'

1500'

2000'

2500'

3000'

3500'

ALL MEASUREMENTS IN FEET
ON 10 PER INCH

DISTANCE IN FEET
ON 10 PER INCH

425'

BEFORE THE
OIL CONSERVATION DIVISION
NEW MEXICO DEPARTMENT OF ENERGY AND MINERALS

IN THE MATTER OF THE APPLICATION OF
DOYLE HARTMAN FOR DIRECTIONAL
DRILLING, LEA COUNTY, NEW MEXICO

2555
CASE ~~7340~~

AMENDED APPLICATION

Comes now DOYLE HARTMAN, by and through its undersigned attorneys, and hereby makes application pursuant to Oil Conservation Division Rule 111 to directionally drill his Bates No. 3 Well, Jalmat Pool, and in support thereof would show the Division:

1. Applicant is the operator of the Jalmat Pool underlying the SW/4 of Section 20, Township 25 South, Range 37 East, N.M.P.M., Lea County, New Mexico.
2. Applicant proposes to directionally drill his Bates No. 3 Well from a surface location of 1635 feet from the South line and 1210 feet from the West line to a bottom hole location of 2310 feet from the South and 1650 feet from the West line at a depth of 3500 feet in the Jalmat Pool of Section 20, Township 25 South, Range 37 East, N.M.P.M., Lea County, New Mexico.
3. Applicant proposes to dedicate to the Bates No. 3 Well a standard proration unit comprised of the SW/4 of said Section 20.
4. The subject well lies in close proximity to a number of buildings within the City of Jal, New Mexico and must be directionally drilled to enable the applicant

to produce the reserves which underlie the above-referenced proration unit.

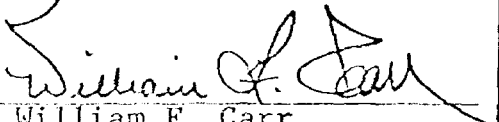
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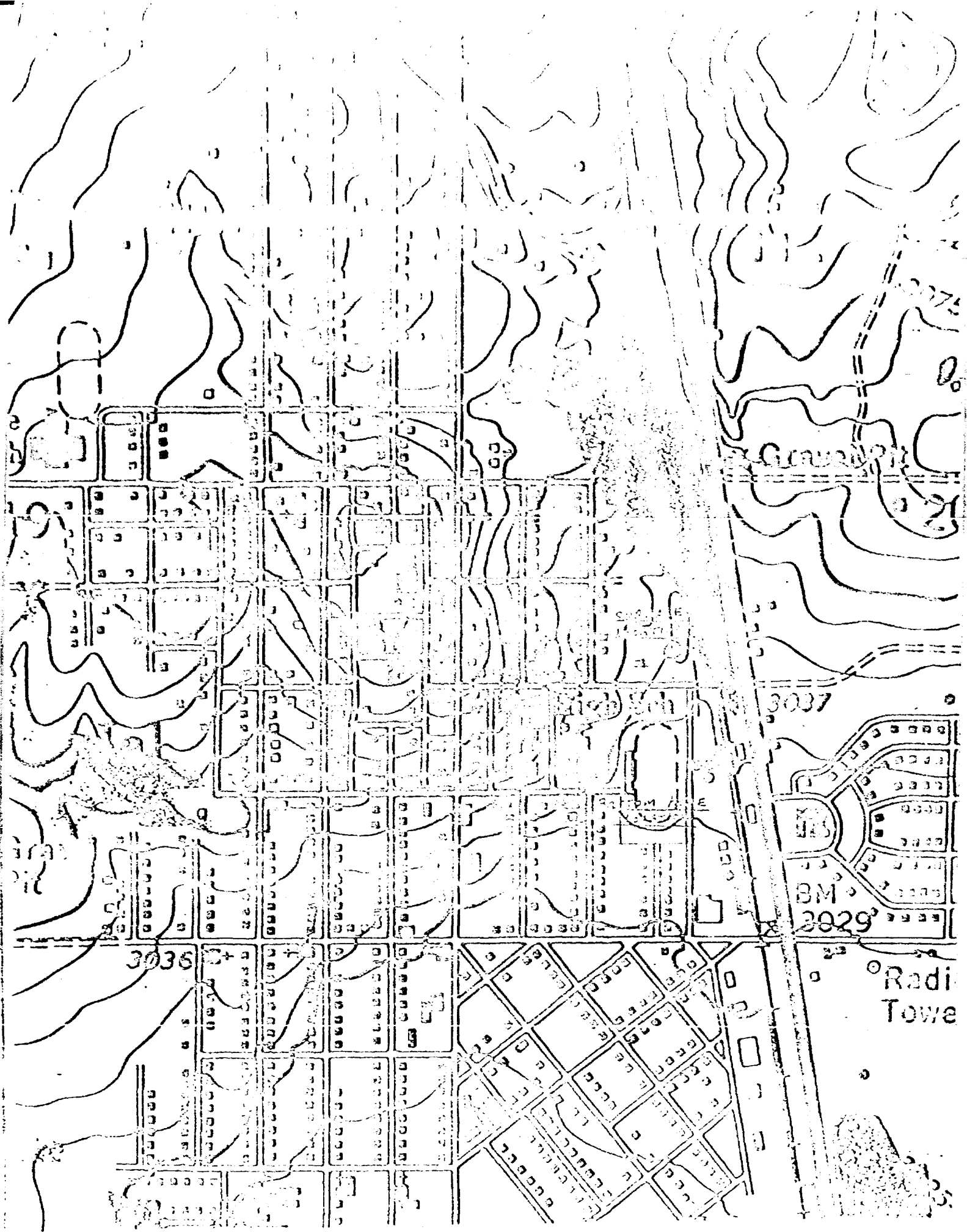
6. That approval of this application will enable the applicant to produce hydrocarbons that otherwise would not be produced and otherwise will be in the best interest of conservation, the prevention of waste and the protection of correlative rights.

WHEREFORE, Applicant requests that this matter be set for hearing before a duly appointed examiner of the Oil Conservation Division, that notice be given as required by law and the rules of the Division, and that after hearing, the Division enter its order granting the applicant permission to directionally drill its Bates No. 3 Well and granting such other and further relief as is appropriate.

Respectfully submitted,
CAMPBELL, BYRD & BLACK, P.A.

By


William F. Carr
Post Office Box 2208
Santa Fe, New Mexico 87501
Attorneys for Applicant



DISPLACEMENT AND TRUE VERTICAL DEPTH
vs. MEASURED DEPTH

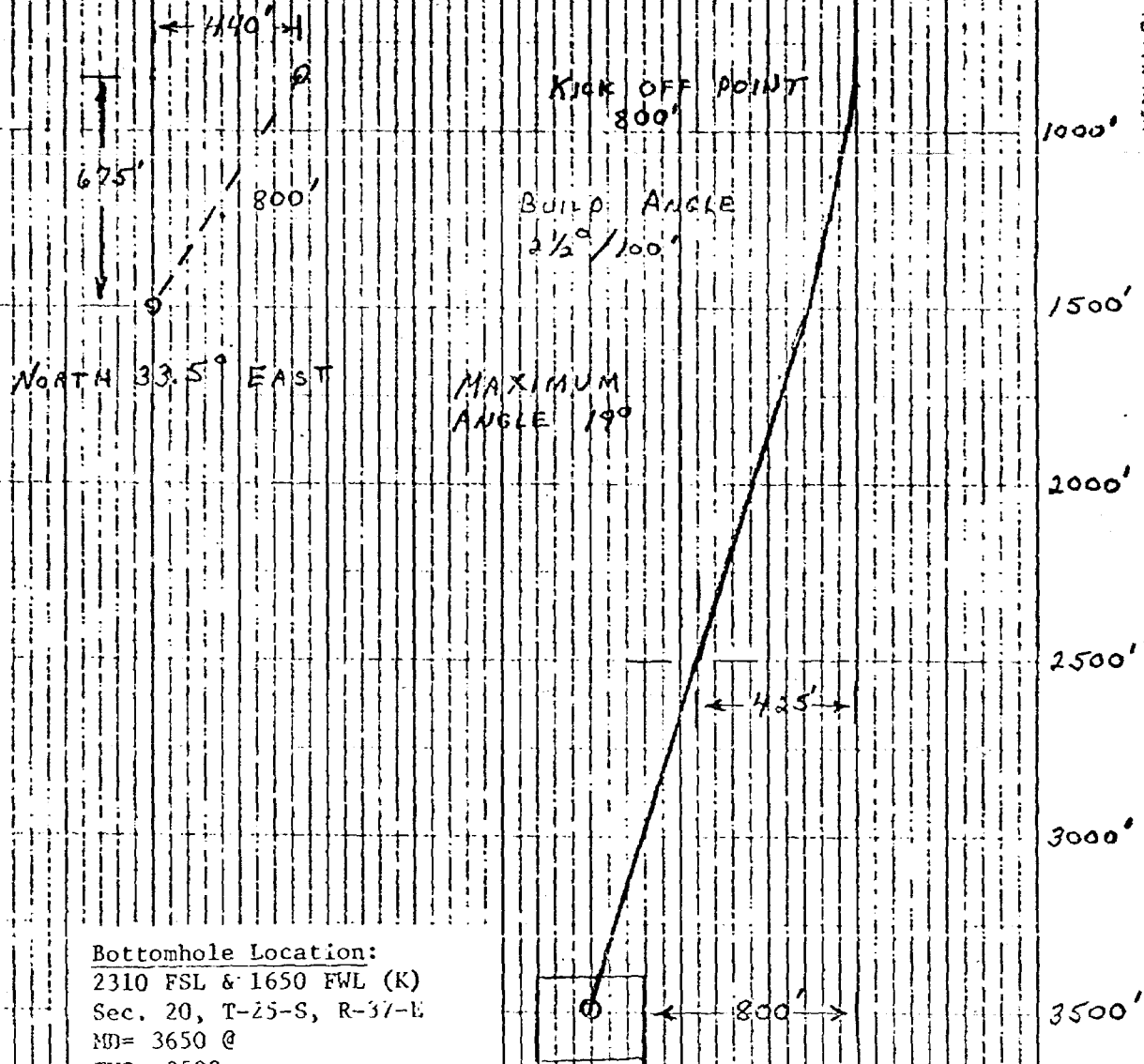
Bates No. 3
N/2 SW/4 Section 20, T-25-S, R-37-E
Lea County, New Mexico

Measured Depth	Section	Average Deviation	Displacement	Total Displacement	TVD
800	800	0	0	0	800
900	100	1 1/4	2.181	2.181	899.98
1000	100	3 3/4	6.540	8.721	999.76
1100	100	6 1/4	10.887	19.608	1099.17
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1700	100	19	32.557	169.124	1679.01
2500	800	19	260.456	429.580	2435.43
2600	100	19	32.557	462.137	2547.98
3500	900	19	293.013	755.150	3398.95
3600	100	19	32.557	787.707	3493.50
3700	100	19	32.557	820.264	3588.05

TRUE VERTICAL DEPTH vs. DISPLACEMENT

Bates No. 3
N/2 SW/4 Section 20, T-25-S, R-37-E
Lea County, New Mexico

Surface Location:
1635 FSL & 1210 FWL (L),
Sec. 20, T-25-S, R-37-E



Dockets Nos. 31-81 and 32-81 are tentatively set for October 7, and October 21, 1981. Applications for hearing must be filed at least 10 days in advance of hearing date.

NOTICE: EXAMINER HEARING - WEDNESDAY - SEPTEMBER 23, 1981

9 A.M. - 11: CONSERVATION DIVISION CONFERENCE ROOM
STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

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

CASE 7353: Application of Texaco, Inc., for the amendment of Division Order No. R-5530, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the amendment of Order No. R-5530, which authorized its Central Vacuum Unit Area Pressure Maintenance Project, to increase the total project area allowable, or as an alternative, to reclassify the project as a waterflood project.

CASE 7354: Application of Corona Oil Company, for a pilot steam-enhanced oil recovery project, Guadalupe County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a pilot steam-enhanced oil recovery project in the Santa Rosa formation by using two existing wells and three additional wells to be drilled to complete a five spot pattern located in the NE/4 NW/4 of Section 17, Township 11 North, Range 26 East.

CASE 7355: Application of Doyle Hartman for directional drilling and an unorthodox location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to drill his Bates Well No. 3, the surface location of which is 1635 feet from the South line and 1210 feet from the West line of Section 20, Township 25 South, Range 37 East, in such a manner as to bottom it at a depth of 3500 feet in the Jalmat Gas Pool at an unorthodox location 2310 feet from the South line and 1650 feet from the West line of Section 20. The SW/4 of said Section 20 would be dedicated to the well.

CASE 7356: Application of S & I Oil Company for compulsory pooling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the W/2 SW/4 of Section 12, Township 29 North, Range 15 West, Cha Cha-Gallup Oil Pool, 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, designation of applicant as operator of the well, and a charge for risk involved in drilling said well.

CASE 7357: Application of Union Oil Company of California for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Atoka and Morrow formations underlying the W/2 of Section 16, Township 22 South, Range 33 East, 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, designation of applicant as operator of the well, and a charge for risk involved in drilling said well.

CASE 7343: (Continued from September 9, 1981, Examiner Hearing)

Application of Caribou Four Corners, Inc. for compulsory pooling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Cha Cha Gallup Oil Pool underlying the E/2 NW/4 of Section 18, Township 29 North, Range 14 West, 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 operating costs and charges for supervision, designation of applicant as operator of the well, and a charge for risk involved in drilling said well.

CASE 7358: Application of John Yuronka for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Langley Mattix Pool underlying the SW/4 of Section 6, Township 23 South, Range 37 East, to form four 40-acre tracts, each 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 wells and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the wells, and a charge for risk involved in drilling said wells.

CASE 7359: Application of Energy Reserves Group for creation of a new gas pool and an unorthodox location, Roosevelt County, New Mexico.

Applicant, in the above-styled cause, seeks creation of a new Cisco gas pool for its Miller Com Well No. 1, located in Unit M of Section 12, Township 6 South, Range 33 East.

Applicant further seeks approval of an unorthodox location for its Miller "A" Well No. 1-Y, to be drilled 1800 feet from the South line and 1700 feet from the East line of Section 11 of the same township. The S/2 of said Section 11 to be dedicated to the well.

CASE 7345: (Continued from September 9, 1981, Examiner Hearing)

Application of Bass Enterprises Production Company for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Lovington Penn Pool underlying the N/2 NE/4 of Section 13, Township 16 South, Range 36 East, 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, designation of applicant as operator of the well, and a charge for risk involved in drilling said well.

CASE 7360: Application of L. J. Buck for salt water disposal, Lea County, New Mexico.

Applicant, in the above-styled cause seeks authority to dispose of produced salt water into the Seven Rivers formation in the interval from 3221 feet to 3250 feet in his Monco Well No. 2 in Unit M of Section 25, Township 25 South, Range 36 East.

CASE 7352: (Continued from September 9, 1981 Examiner Hearing)

Application of Yates Petroleum Corporation for designation of a tight formation, Eddy County, New Mexico. Applicant, in the above-styled cause, pursuant to Section 107 of the Natural Gas Policy Act 16-CFR Section 271.701-705, seeks the designation as a tight formation of the Permo-Penn and formation underlying all of the following townships:

Township 17 South, Ranges 24 thru
26 East;

18 South, 24 and 25 East;

19 South, 23 thru 25 East;

20 South, 21 thru 24 East;

20½ South, 21 and 22 East;

21 South, 21 and 22 East;

Also Sections 1 thru 12 in
22 South, 21 and 22 East,

All of the above containing a total of 315,000 acres more or less.

CASE 7329: (Readvertised)

Application of Loco Hills Water Disposal Company for An exception to Order No. R-3221, Eddy County, New Mexico

Applicant, in the above-styled cause, seeks an exception to Order No. R-3221 to permit the commercial disposal of produced brine into several unlined surface pits located in the N/2 SW/4 SW/4 of Section 16, Township 17 South, Range 30 East.

Dockets Nos. 31-81 and 32-81 are tentatively set for October 7, and October 21, 1981. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: COMMISSION HEARING - TUESDAY - SEPTEMBER 29, 1981

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

CASE 7116: (DE NOVO)

Application of Southland Royalty Company for designation of a tight formation, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks the designation of the Dakota formation underlying portions of Township 31 and 32 North, Ranges 10, 11, 12, and 13 West, containing 91,863 acres, more or less, as a tight formation pursuant to Section 107 of the Natural Gas Policy Act and 18 CFR Section 271.701-705.

Upon application of Consolidated Oil & Gas, Inc., this case will be heard De Novo pursuant to the provisions of Rule 1220.

CASE 7361: Application of Southland Royalty Company for designation of a tight formation, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks the designation of the Dakota formation underlying all or portions of Township 31 North, Ranges 10 and 11 West, and Township 32 North, Ranges 10, 11, 12, and 13 West, containing 92,871 acres more or less, as a tight formation pursuant to Section 107 of the Natural Gas Policy Act and 18 CFR Section 271.701-705.

CASE 7362: Application of R. A. Mendenhall Associates, Ltd., for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Delaware Mountain Group formation underlying the NW 1/4 SE 1/4 of Section 10, Township 22 South, Range 27 East, 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, designation of applicant as operator of the well, and a charge for risk involved in drilling said well.

ROUGH

dr/

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. 7355

Order No. R-6796

APPLICATION OF DOYLE HARTMAN
FOR DIRECTIONAL DRILLING AND AN
UNORTHODOX LOCATION, LEA COUNTY,
NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on September 23
19 81, at Santa Fe, New Mexico, before Examiner Richard L. Stamey

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

FINDS:

(1) That due public notice having been given as required
by law, the Division has jurisdiction of this cause and the
subject matter thereof.

(2) That the applicant, Doyle Hartman, seeks authority to
directionally drill his Bates Well No. 3, the surface location of
which is 1635 feet from the South line and 1210 feet from the West
line of Section 20, Township 25 South, Range 37 East, in such a
manner as to bottom it at a depth of 3500 feet in the Jalmat Gas

-2-
Case No. 7355
Order No. R-

Pool at an unorthodox location 2310 feet from the South line and 1650 feet from the West line of Section 20.

(3) That the SW/4 of said Section 20 would be dedicated to the well.

(4) That the applicant should be required to determine the subsurface location of the bottom of the hole by means of a continuous multi-shot directional survey conducted subsequent to said directional drilling, if said well is to be completed as a producing well.

(5) That the application should be approved.

IT IS THEREFORE ORDERED:

(1) That the applicant, Doyle Hartman, is hereby authorized to directionally drill his Bates Well No. 3, the surface location of which is 1635 feet from the South line and 1210 feet from the West line of Section 20, Township 25 South, Range 37 East, in such a manner as to bottom it at a depth of 3500 feet in the Jalmat Gas Pool at an unorthodox location 2310 feet from the South line and 1650 feet from the West line of Section 20.

(2) That the SW/4 of said Section 20 is hereby dedicated to the well.

PROVIDED HOWEVER, that subsequent to the above-described directional drilling, should said well be a producer, a continuous multi-shot directional survey shall be made of the wellbore from total depth to the kick-off 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 Division, P. O. Box 2088, Santa Fe, New Mexico,

and that the operator shall notify the Division's Hobbs District Office of the date and time said survey is to be commenced.

(3) That Form C-105 shall be filed in accordance with Division Rule 1105 and the operator shall indicate thereon true vertical depth in addition to measured depths, and the bottom hole location of the well.

(4) 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.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

CASE NO. 7355
Order No. R-6796-A

APPLICATION OF DOYLE HARTMAN
FOR DIRECTIONAL DRILLING AND AN
UNORTHODOX LOCATION, LEA COUNTY,
NEW MEXICO.
NEW ME

NUNC PRO TUNC ORDER

BY THE DIVISION:

It appearing to the Division that Order No. R-6796, dated
October 13, 1981, does not correctly state the intended order of
the Division,

IT IS THEREFORE ORDERED:

(1) That Order No. (1) on page 2 of Order No. R-6796 be and
the same is hereby corrected to read in its entirety as follows:

"(1) That the applicant, Doyle Hartman, is hereby
authorized to directionally drill his Bates Well No. 3, the
surface location of which is 1635 feet from the South line
and 1210 feet from the West line of Section 20, Township 25
South, Range 37 East, in such a manner as to bottom it at a
depth of 3500 feet in the Jalmat Gas Pool at an unorthodox
location within 100 feet of a point 2310 feet from the South
line and 1650 feet from the West line of Section 20."

(2) That the corrections set forth in this order be entered
nunc pro tunc as of October 13, 1981.

DONE at Santa Fe, New Mexico, on this _____ day of November,
1981.

Memo

From

R. L. STAMETS
Technical
Support Chief

To

R6796

Nunc Pro Tunc

Order 1 to say at an
unorthodox location
within 100 feet of a point
2310 feet - etc. etc.

OIL CONSERVATION DIVISION SANTA FE