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NEW MEXICO OIL CONSERVATION COMMISSION
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SEP 15 1972

O. C. C.

30-015-20592-02
Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE ☐	FEE ☒
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL ☐ DEEPEN ☐ PLUG BACK ☐		7. Unit Agreement Name	
b. Type of Well OIL WELL ☐ GAS WELL ☒ OTHER RE-Enter ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		8. Farm or Lease Name Hornbaker "BA" Com.	
2. Name of Operator Yates Petroleum Corporation		9. Well No. 2	
3. Address of Operator 207 South 4th Street - Artesia, NM 88210		10. Field and Pool, or Wildcat W. Atoka Morrow	
4. Location of Well UNIT LETTER <u>H</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE <u>660</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>25</u> TWP. <u>18S</u> RGE. <u>25E</u> NMPM		12. County Eddy	
13. Proposed Depth 9100'		19A. Formation Morrow	
21. Elevations (Show whether DF, RT, etc.) 3459' GR		20. Rotary or C.T. Rotary	
21A. Kind & Status Plug. Bond Blanket		22. Approx. Date Work will start Sept. 20, 1972	
21B. Drilling Contractor And dily co.			

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17½"	13-3/8"	48#	500' 477	500	Surface
12½"	8-5/8"	24#	1300' 1207	600	Surface
7-7/8"	4½"	10.5 & 11.6#	9100'	250	8100'

This well formerly Fasken-Yates Hornbaker No. 1. Propose to re-enter, clean hole to approx. 5300', set directional tools and drill deviated hole to a depth of about 9100' with target area of 50 foot radius of a point 500 feet from the North Line and 600 feet from the East Line of Section 25 and in compliance with OCC Rule No. R-4391 Case No. 4803. Will drill with mud, and will test the Morrow. If commercial, will run 4½" casing to total depth and cement with 250 sacks of cement. If Morrow is not commercial will plug back to San Andres, run approx. 1600' of 5½" casing, cement and perforate for Slaughter completion. BOP's and prudent engineering practice will be employed throughout the drilling and completion procedure.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,
EXPIRES 12-18-72

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Eddie L. Hualpa Title Engineer Date 9-14-72

(This space for State Use)

APPROVED BY W. A. Gressett TITLE OIL AND GAS INSPECTOR DATE SEP 20 1972

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

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

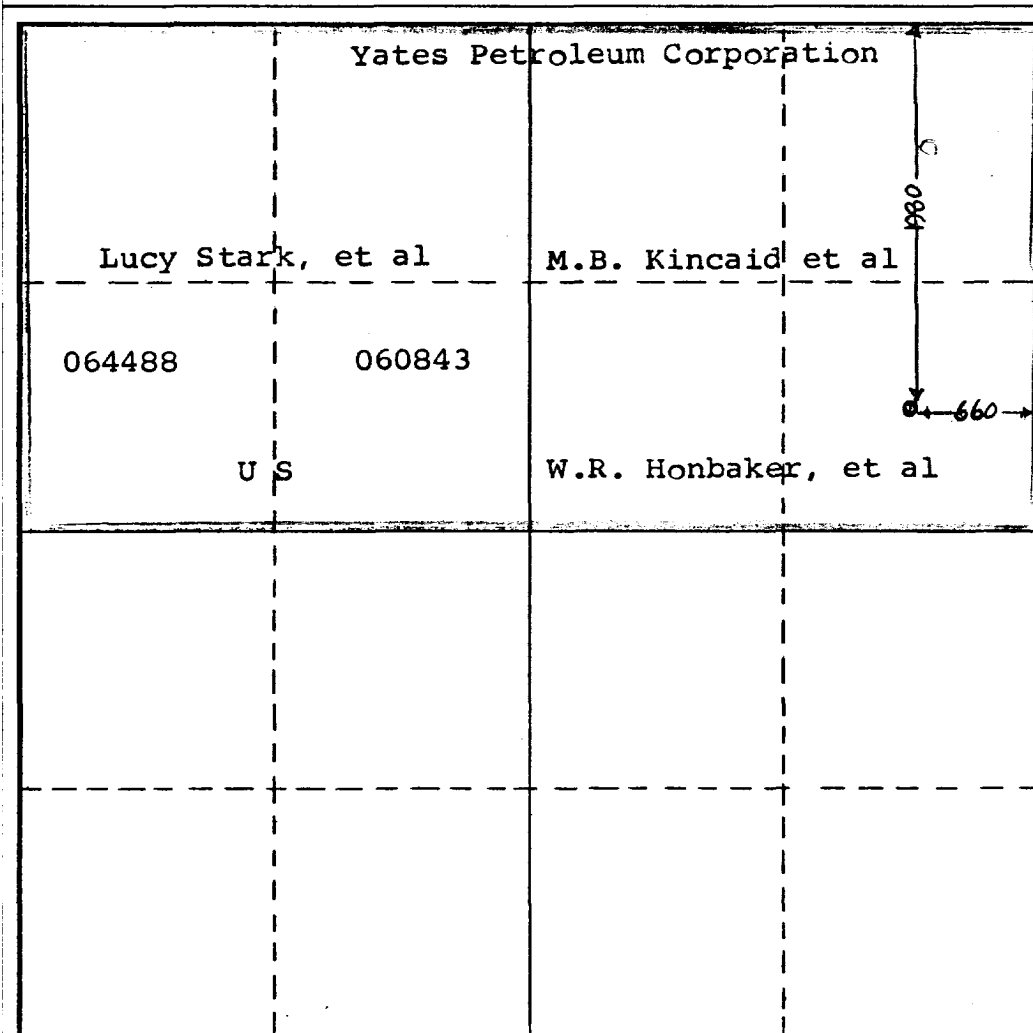
Operator Yates Petroleum Corporation		Lease Hronbaker "BA" Com		Well No. 2
Unit Letter H	Section 25	Township 18S	Range 25E	County Eddy
Actual Footage Location of Well: 1980 feet from the North line and 660 feet from the East line				
Ground Level Elev: 3459'	Producing Formation Morrow	Pool West Atoka Morrow	Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☒ No If answer is "yes," type of consolidation Being Communitized

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.

Eddie M. Mahfood

Name
Eddie M, Mahfood

Position
Engineer

Company
Yates Pet. Corporation

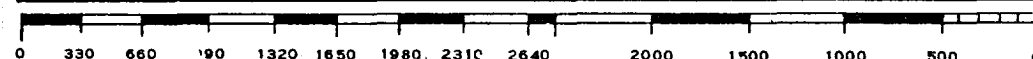
Date
9-14-72

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

Registered Professional Engineer and/or Land Surveyor

Refer to original Plat
David Fasken - Yates
Hronbaker No. 1
 Certificate No.





YATES BUILDING - 207 SOUTH 4TH ST.
ARTESIA, NEW MEXICO - 88210

S. P. YATES
PRESIDENT
MARTIN YATES, III
VICE PRESIDENT
JOHN A. YATES
VICE PRESIDENT
B. W. HARPER
SEC. TREAS.

September 15, 1972

Mr. A. L. Porter, Jr., Secretary-Director
New Mexico Oil Conservation Commission
P. O. Box 1148
Santa Fe, New Mexico

Re: Oil Conservation Commission Order No. R-4391
Case No. 4803

Dear Sir:

Herewith is Directional Survey Report for David Fasken,
Yates Hornbaker No. 1 which above Commission Order
requires.

Yours truly,

YATES PETROLEUM CORPORATION

Eddie M. Mahfood
Eddie M. Mahfood
Petroleum Engineer

EMM:jg
Attachment

cc: Oil Commission
Artesia

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SEP 18 1972

O. C. C.
ARTESIA, OFFICE

SPERRY-SUN

DIRECTIONAL SURVEY REPORT

FOR

DAVID FASKEN



TYPE OF SURVEY: Magnetic Multishot

SURVEY DEPTH: FROM 1200 FT. TO 9150 FT.

LEASE: Yates Hornbaker WELL NO. 1

FIELD: _____

COUNTY/~~PARISH~~ Eddy STATE New Mexico

DATE OF SURVEY April 11, 1972 JOB NO. MS-6226

OFFICE: Odessa, Texas 563-1106

STATE OF Texas
COUNTY/PARISH OF Ector

I/We, Gary Benson

_____, in the employ of the Directional Surveying Department of
Sperry-Sun Well Surveying Company, did on the 11th day of April 1972
and the _____ day of _____ 19____
and the _____ day of _____ 19____
and the _____ day of _____ 19____

respectively conduct or supervise the taking of a Multi-shot/~~Single Shot~~ Directional survey by method indicated:

from a depth of 1200 feet to 9150 feet by ~~Gyroscopic~~/Magnetic/Oriented Survey
depth of _____ feet to _____ feet by Gyroscopic/Magnetic/Oriented Survey
depth of _____ feet to _____ feet by Gyroscopic/Magnetic/Oriented Survey
depth of _____ feet to _____ feet by Gyroscopic/Magnetic/Oriented Survey
with records of inclination and direction of inclination being taken at approximately every 100 feet.

This survey was conducted at the request of David Fasken

for their Yates Hornbaker Well No. 1

_____, Survey, Eddy County/Parish,

State of New Mexico, in the _____ Field.

I/We certify that this is a true and correct report of such survey and that it affords a true and correct representation of our findings as to the nature and conditions of the well at the time the survey was/surveys were made.

STATE OF _____
COUNTY/PARISH OF _____

Before me the undersigned authority/authorities, on this day personally appeared _____,
known to me to be the person/persons whose name is/names are subscribed to this instrument, who after being by me duly sworn on oath, states that he has/they have knowledge of all the facts stated above and that the same is a true and correct statement of the facts therein recited.

Subscribed and sworn to before me this the _____ day of _____ 19____

Notary Public in and for _____

DAVID FASKEN 509 FIRST NAT. BANK BLDG. MIDLAND
 YATES HORNBARKER WELL NO. 1
 FIELD
 EDDY COUNTY, NEW MEXICO
 MAGNETIC MULTISHOT DIRECTIONAL SURVEY

DATE OF SURVEY APRIL 11, 1972
 VERTICAL SECTION COMPUTED ALONG CLOSURE
 11 DEG EAST MAGNETIC CORRECTION APPLIED
 MS-62226

SPERRY-SUN
 RECORD OF SURVEY

MEASURED DEPTH	TRUE VERTICAL DEPTH	INCLINATION		DIRECTION	DOG-LEG SEVERITY	VERTICAL SECTION	RECTANGULAR COORDINATES			
		DEG	MIN				NORTH	SOUTH	EAST	WEST
ORIGIN AT 1200 FEET										
1200.	1200.00	1	15	N 89 E	.22	-.26	.00			.00
1300.	1299.98	1	15	N 79 E	.22	-.14	.04			2.18
1400.	1399.95	1	15	N 79 E	.22		.45			4.32
1500.	1499.94	1	0	S 90 E	.33	-.38	.45			6.07
1600.	1599.91	1	15	N 64 E	.56	.30	1.41			8.03
1700.	1699.88	1	30	N 63 E	.25	1.16	2.60			10.36
1800.	1799.86	1	15	N 61 E	.25	1.95	3.66			12.27
1900.	1899.83	1	15	N 65 E	.09	2.60	4.58			14.25
2000.	1999.81	1	15	N 48 E	.37	3.82	6.04			15.87
2100.	2099.78	1	15	N 47 E	.02	5.08	7.53			17.46
2200.	2199.77	1	0	N 44 E	.26	6.16	8.78			18.67
2300.	2299.75	1	0	N 40 E	.07	7.33	10.12			19.80
2400.	2399.74	1	0	N 21 E	.33	8.86	11.75			20.42
2500.	2499.72	1	0	N 36 E	.26	10.12	13.16			21.45
2600.	2599.71	0	45	N 38 E	.25	11.03	14.19			22.25
2700.	2699.69	1	15	N 19 E	.59	12.98	16.25			22.96
2800.	2799.67	1	15	N 17 E	.04	14.96	18.34			23.60
2900.	2899.64	1	15	N 17 E	.00	16.94	20.43			24.24
3000.	2999.63	1	0	N 17 E	.25	18.52	22.10			24.75
3100.	3099.61	1	0	N 16 E	.02	20.12	23.77			25.27
3200.	3199.58	1	30	N 18 W	.87	22.69	26.26			24.42

DAVID FASKEN 608 FIRST NAT. BANK BLDG. MIDLAND
YATES HORNBAKER WELL NO. 1

FIELD
EDDY COUNTY, NEW MEXICO
MAGNETIC MULTISHOT DIRECTIONAL SURVEY

DATE OF SURVEY APRIL 11, 1972
VERTICAL SECTION COMPUTED ALONG CLOSURE
11 DEG EAST MAGNETIC CORRECTION APPLIED

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MS-6226

SPERRY-SUN
RECORD OF SURVEY

MEASURED DEPTH	TRUE VERTICAL DEPTH	INCLINATION		DIRECTION		DOG-LEG SEVERITY DEG/100	VERTICAL SECTION	RECTANGULAR COORDINATES			
		DEG	MIN	DEG				NORTH	SOUTH	EAST	WEST
3300.	3299.53	1	45	N 12 W		.30	25.74	29.25		23.79	
3400.	3399.48	1	45	N 18 W		.18	28.74	32.15		22.84	
3500.	3499.44	1	45	N 19 W		.03	31.74	35.04		21.85	
3600.	3599.39	1	45	N 19 W		.00	34.74	37.93		20.86	
3700.	3699.33	2	0	N 23 W		.29	38.10	41.14		19.40	
3800.	3799.27	2	0	N 27 W		.14	41.40	44.25		17.91	
3900.	3899.21	2	0	N 29 W		.07	44.65	47.30		16.22	
4000.	3999.16	1	45	N 32 W		.27	47.44	49.89		14.60	
4100.	4099.08	2	15	N 33 W		.50	50.99	53.19		12.46	
4200.	4199.01	2	15	N 36 W		.12	54.45	56.36		10.15	
4300.	4298.93	2	15	N 35 W		.04	57.95	59.58		7.90	
4400.	4398.85	2	15	N 37 W		.08	61.38	62.71		5.54	
4500.	4498.75	2	30	N 30 W		.38	65.41	66.49		3.36	
4600.	4598.64	2	45	N 36 W		.37	69.64	70.37		.54	
4700.	4698.55	2	30	N 30 W		.37	73.58	74.15			1.65
4800.	4798.45	2	30	N 29 W		.04	77.75	77.96		3.76	
4900.	4898.36	2	30	N 22 W		.31	81.98	82.01		5.39	
5000.	4998.26	2	30	N 20 W		.09	86.24	86.11		6.89	
5100.	5098.17	2	30	N 19 W		.04	90.52	90.23		8.31	
5200.	5198.07	2	30	N 20 W		.04	94.79	94.33		9.80	
5300.	5297.96	2	45	N 22 W		.27	99.44	98.78		11.60	

DAVID HASKEN FOR FIRST NAT. BANK BLDG. MIDLAND
YATES HORNBAKER WELL NO. 1

FIELD
EDDY COUNTY, NEW MEXICO
MAGNETIC MULTISHOT DIRECTIONAL SURVEY

PAGE 3
DATE OF SURVEY APRIL 11, 1972
VERTICAL SECTION COMPUTED ALONG CLOSURE
11 DEG EAST MAGNETIC CORRECTION APPLIED
MS-6226

SPERRY-SUN
RECORD OF SURVEY

MEASURED DEPTH	TRUE VERTICAL DEPTH	INCLINATION		DIRECTION		NOG-LEG SEVERITY DEG/100	VERTICAL SECTION	RECTANGULAR COORDINATES			
		DEG	MIN	DEG	DEG			NORTH	SOUTH	EAST	WEST
5400.	5397.84	2	45	N 23 W		.05	104.07	103.20			13.47
5500.	5497.73	2	45	N 21 W		.10	108.74	107.68			15.19
5600.	5597.61	2	45	N 20 W		.05	113.43	112.18			16.83
5700.	5697.53	2	15	N 20 W		.50	117.27	115.87			18.17
5800.	5797.46	2	15	N 20 W		.00	121.11	119.56			19.52
5900.	5897.41	1	45	N 14 W		.54	124.14	122.53			20.25
6000.	5997.39	1	15	N 20 W		.52	126.27	124.58			21.00
6100.	6097.35	1	30	N 4 W		.46	128.89	127.19			21.18
6200.	6197.33	1	15	N 4 W		.25	131.06	129.36			21.34
6300.	6297.30	1	15	N 3 W		.02	133.24	131.54			21.45
6400.	6397.30	0	30	N 4 W		.75	134.11	132.41			21.51
6500.	6497.30	0	30	N 37 W		.28	134.87	133.11			22.04
6600.	6597.29	0	45	N 34 W		.25	136.04	134.19			22.77
6700.	6697.28	0	45	N 36 W		.03	137.20	135.25			23.54
6800.	6797.27	0	45	N 65 W		.39	137.91	135.81			24.72
6900.	6897.26	0	45	S 87 W		.36	138.02	135.74			26.03
7000.	6997.26	0	30	S 61 W		.37	137.70	135.31			26.79
7100.	7097.24	1	0	S 50 W		.52	136.77	134.19			28.13
7200.	7197.22	1	15	S 51 W		.25	135.64	132.82			29.83
7300.	7297.20	1	0	S 53 W		.25	134.79	131.77			31.22
7400.	7397.20	0	45	S 65 W		.31	134.41	131.22			32.41

DAVID LASKEN 608 FIRST NAT. BANK BLDG. MIDLAND
YATES HONORARY WFL NO. 1

FIELD
EDDY COUNTY, NEW MEXICO
MAGNETIC MULTISHOT DIRECTIONAL SURVEY

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DATE OF SURVEY APRIL 11, 1977
VERTICAL SECTION COMPUTED ALONG CLOSURE
11 DEG EAST MAGNETIC CORRECTION APPLIED
MS-62226

SPERRY-SUN
RECORD OF SURVEY

MEASURED DEPTH	TRUE VERTICAL DEPTH	INCLINATION		DIRECTION		DOG-LEG SEVERITY DEG/100	VERTICAL SECTION	RECTANGULAR COORDINATES			
		DEG	MIN	DEG	DEG			NORTH	SOUTH	EAST	WEST
7500.	7497.20	0	0	N 11 E		.75	134.41	131.22			32.41
7600.	7597.12	2	15	S 78 E		2.25	133.08	130.40			28.57
7700.	7697.07	1	45	S 70 E		.57	131.65	129.36			25.70
7800.	7797.02	1	45	S 90 E		.61	131.23	129.36			22.64
7900.	7896.96	2	0	S 83 E		.34	130.34	128.93			19.18
8000.	7996.93	1	30	S 67 E		.69	129.00	127.91			16.77
8100.	8096.91	1	0	S 67 E		.50	128.11	127.23			15.16
8200.	8196.91	0	45	S 76 E		.29	127.62	126.91			13.89
8300.	8296.90	0	30	N 59 E		.53	127.96	127.36			13.14
8400.	8396.90	0	0	N 11 E		.50	127.96	127.36			13.14
8500.	8496.90	0	0	N 11 E		.00	127.96	127.36			13.14
8600.	8596.90	0	0	N 11 E		0.00	127.96	127.36			13.14
8700.	8696.90	0	15	N 50 W		.25	128.29	427.64			13.48
8800.	8796.89	0	45	N 59 W		.50	129.11	128.31			14.60
8900.	8896.88	0	45	N 60 W		.01	129.91	128.97			15.73
9000.	8996.88	0	30	N 61 W		.25	130.43	129.39			16.50
9100.	9096.88	0	30	N 62 W		.01	130.94	129.80			17.27
9150.	9146.87	0	45	S 52 W		1.42	130.61	129.40			17.78

THE CALCULATION PROCEDURES ARE BASED ON THE USE OF THE TANGENTIAL OR CHORD METHOD
HORIZONTAL DISPLACEMENT = 130.61 FEET AT NORTH 7 DEG. 0 MIN. WEST (TRUE)

MD 9150
TVD 9146.87

DAVID FASKEN
YATES HORNBAKER WELL NO.1
EDDY COUNTY, NEW MEXICO
MAGNETIC MULTISHOT SURVEY
4-11-72
JOB NO. MS-6226
1200 TO 9150 FT.

7000
6000
9000
8000

5000

HORIZONTAL DISPLACEMENT = 130.61 FT. AT
NORTH 7 DEG. 0 MIN. WEST (TRUE)

4000

SPERRY-SUN WELL SURVEYING COMPANY

HORIZONTAL PROJECTION
SCALE 1" = 20'

3000

2000

ORIGIN AT 1200 FT.

