CARN SABS! OCD TO COMSIDER ASSIGNMENT OF DISCOVERY ALLOWABLE TO ENSERCH EXPLO-RATION, INC., ROOSEVELT COUNT!, N. MEX.

Authory

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CASE NO.

6406

APPliCation,
Transcripts,
Small Exhibits,

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION State Land Office Building Santa Fe, New Mexico 20 December 1978

EXAMINER HEARING

IN THE MATTER OF:

the hearing called by the Oil Conservation) Division on Its own motion at the request) of Enserch Exploration, Inc., to consider the assignment of 39,040 barrels of oil discovery allowable to the Enserch Lambirth Well No. 1 located in Unit K of Section 31, Township 5 South, Range 33 East, South Peterson-Fusselman Pool, Roosevelt County, New Mexico.

CASE 6406

BEFORE:

TRANSCRIPT OF HEARING

APPEARANCES

For the Oil Conservation Division:

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Lynn Teschendorf, Esq. Legal Counsel for the Division State Land Office Bldg. Santa Fe, New Mexico 87501

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that time.

MR. NUTTER: Call Case No. 6406.

MS. TESCHENDORF: Case 6404: In the matter of the hearing called by the Oil Conservation Division on its own motion at the request of Enserch Exploration, Inc., to consider the assignment of 39,040 barrels of oil discovery allowable to the Enserch Lambirth Well No. 1 located in Unit K of Section 31, Township 5 South, Range 33 East, South Peterson-Fusselman Pool, Roosevelt County, New Mexico.

MR. NUTTER: Are there any appearances in Case No. 6406? This case is actually a matter of formality, the pool having been created by the Division some months back. At that time the Applicant had not filed for a discovery allowable, but in all probability was entitled to at

If there is no objection, we will take the case under advisement with the recommendation that the discovery allowable be awarded, the discovery well in the pool.

(Hearing concluded.)

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I, STEFANIE XANTHULL, a court reporter, DO HEREBY CERTIFY that the foregoing and attached 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, knowledge, and skill, from my notes taken at the time of the hearing.

me Anthur Xanthull, C.S.R.

I do hereby certify that the foregoing is d complete return of the proceedings in the Examiner hearing of Case No.

Oll Conservation Division Examiner

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STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

JERRY APODACA

NICK FRANKLIN SECRETARY

> Hobbs OCC Artesia OCC Aztec OCC

January 17, 1979

POST OFFICE BOX 2008 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 15051 827-2434

Mr. William F. Carr	Re:	CASE NO.	(5406		
Campbell & Black Attorneys at Law Post Office Box 2208 Santa Fe, Naw Mexico		Applicant:			52.52.1 To 10.00 To 1	
	1 (1) 1 (4)	OCD (Ense	rch	Explo	ration	, Inc
Dear Sir:						4.7 (*)
Enclosed herewith are	two c	aniaa ae wh	^ ~}		. .	مند
Division order recentl	y ent	e ed in the	sub	iect o	ereren Case.	cea
Yours very truly	y ent	e ed in the	suk	oject	case.	
Yours very truly, MI Caney JOE D. RAMEY	y ent	ed in the	suk	oject	case.	
Yours very truly	y ent	ed in the	Sul	ject	case.	

STATE OF NEW MEXICO EMERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION ON ITS OWN MOTION AT THE REQUEST OF ENSERCH EXPLORATION, INC., TO CONSIDER THE ASSIGNMENT OF AN OIL DISCOVERY ALLOWABLE, ROOSEVELT COUNTY, NEW MEXICO.

CASE NO. 6406 Order No. R-5903

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on December 20, 1978, at Santa Fe, New Mexico, before Examiner Danial 3. Nutter.

NOW, on this 16th day of January, 1979, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

PINDS:

And the second second second

- (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 by Order No. R-5771, entered July 17, 1978, in Case No. 6270, the Division created the South Peterson-Fusselman Pool comprising all of the SW/4 of Section 31, Township 5 South, Range 33 East, NMPM, Roosevelt County, New Mexico, and upon application of Enserch Exploration, Inc., promulgated temporary special rules and regulations for said pool, including a provision for 80-acre well spacing and proration units.
- (3) That now the applicant in Case No. 6270, Enserch Exploration, Inc., seeks the assignment of 39,040 barrels of oil discovery allowable to the discovery well for said South Peterson-Fusselman Pool, being the Lambirth Well No. 1, located in Unit K of the aforesaid Section 31.

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-2-Case No. 6406 Order No. R-5903

- (4) That said well is indeed the discovery well for a new pool and is entitled to 39,040 barrels of oil discovery allowable, based upon a depth of 7808 feet to the top of the perforations.
- (5) That the assignment of said discovery allowable to the aforesaid well will not cause waste nor impair correlative rights, is in the interest of conservation, and should be approved.

IT IS THEREFORE ORDERED:

- (1) That the Enserch Exploration, Inc., Lambirth Well No. 1, located in Unit K of Section 31, Township 5 South, Range 33 East, NMPM, Roosevelt County, New Mexico, is hereby assigned an oil discovery allowable of 39,040 barrels, to be produced within the next 731 days in accordance with the provisions of Rule 509 of the Division Rules and Regulations.
- (2) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

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

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

JOE). RAMEY, Director

SAME DATE OF



P. O. Box 4815 Midland, Texas 79701 915-682-9756 JAN 11 1979

Drilling and Froduction Division West Texas District F. G. Wilcox, District Petroleum Engineer M. L. Borgan, Senior Petroleum Engineer R. R. Sumner, Senior Petroleum Engineer M. A. Philpy, Petroleum Engineer

October 27, 1978

New Mexico Oil Conservation Commission District I P.O. Box 1980 Hobbs, New Mexico 88240

> Re: Request for Discovery Allowable Lambirth No. 1 S. Paterson-Fusselman Pool Roosevelt County, New Mexico

The attached information is for application for discovery allowable on Enserch Exploration, Inc's Lambirth No. 1 well in Roosevelt County, New Mexico.

Enclosed are two copies of the following:

1) Electric logs on the subject well

2) Geological cross-section prepared from electrical logs

3) A sub-surface structural map of the Fusselmen formation based on sub-surface and seismic data

4) Form C-109

5) A summary of reservoir data and reservoir fluid data

The New Mexico 011 Conservation Commission in thier Order No. R-5771 dated July 17, 1978 created a new pool designated as the South Petersch-Fusselman Pool for Enserch Exploration, Inc's Lambirth No. 1. We respectfully request the assignment of discovery allowable for this wel!.

This well is capable of producing the discovery allowable. The well was flowed at a rate of 480 BOPD for 66 hours. A bottom hole pressure bomb indicated a drawdown in reservoir pressure of only 21 psi from the extrapolated shut in pressure.

If you need additional information please notify us.

Yours truly, ENSERCH EXPLORATION, INC.

Fred G. Wilcox

District Petroleum Engineer

FGW: ft Attachments

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P. O. Box 4815 Midland, Texas 79701 915-682-9756

JAN A 1 1979

Drilling and Production Division
Wast Taxas District
F. G. Wilcox, District Petroleum Engineer
M. L. Borgan, Senior Patroleum Engineer
R. R. Sumner, Senior Patroleum Engineer
M. A. Philpy, Petroleum Engineer

October 27, 1978

Yates Petroleum Company 207 S. 4th Artesia, New Mexico 88210

> Re: Request for Discovery Allowable Lambirth No. 1 S. Peterson-Puscelman Pool Roosevelt County, New Mexico

Enserch Exploration, Inc. is requesting dicovery allowable on the subject well.

As required by the New Mexico Oil Conservation Commisssion we are sending you a copy of Form C-109 Application of Disvoery Allowable and Creation of a New Pool.

Yours truly,

ENSERCH EXPLORATION, INC.

Fad & Allex

Fred G. Wilcox

District Petroleum Engineer

FGW: ft

Attachment

Reservoir Data

Perforations 7808-7852
Average Porosity 13.7%
Average Water Saturation 21.3%
Average Permeability(from build-up test) 298 md
Bottom Hole Pressure 2781 psi
Bottom Hole Temperature 1550 F

Reservoir Fluid Data

Formation Volume Factor Oil A.P.I. Gravity @60°F Solution Gas/Oil Ratio @1521 psi Oil Viscosity @1521 psi 1.568 @ solution pressure 1521 psi 47.1 843 cu. ft./bbl. .343 cp

NEW HENICO OIL CONSCRVATION COMMISSION, APPLICATION FOR DISCOVERY ALLOWABLE AND CREATION OF A NEW POOL

NOTE: This form is to be filed and attachments made in accordance with the provisions of Rule 309.

If discovery is claimed for more than one zone, separate forms must be fitted to cachi

JAN 4.3 1979

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pr 200 20 du the mater of the hearing cases by the Cil Consumation Devision and its own Exploration due to consider the assignwent & 39,040 basel q il disocky allowana to the Eurerch Lambirth Wire Oro. I located in thit K of Section 31, Township 5 South, Rance 38 East & South Peterson- Fursilman Pool, Rancest Carenty, hew mexico.

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STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

CALLED BY THE OIL CONSERVATION DIVISION ON ON ON ON ON

CASE NO. 6406

Order No. 2-5903

THE REQUEST OF ENSERCH EXPLORA-TION, INC., FOR TO CONSIDER THE ASSIGNMENT OF AN OIL DISCOUERY ALLOWABLE, ROOSEVELT COUNTY, NEW MEXICO.

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ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on <u>December 20</u>

19 78, at Santa Fe, New Mexico, before Examiner <u>Daniel S. Neiles</u>

NOW, on this <u>day of January</u>, 19 79, 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.

July 17, 1978, in Case No. 6270, the Division created the South Paterson - Fusselmen Pool wat comprising all of the BWH Section 31, Township 5 South, Range 33 East, NMPM, Rossewelt County, New Mexico, and upon application of Enserah Exploration, Inc., promulgated temporary special ruess and regulations for said pool including a provision for 80-acre were spacing and providing units.

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(3) That now the applicant in Can 70. 6270, Eaurch Exploration, Que, pecks the assignment of 29,040 barrels of oil discovery allowant to the discovery well for said Sank Peterson Freely for far said Sank Peterson Freely in Unit K of the aforesaid Section 31.

4) That said wree is indeed the ligeory well for a new pool and is entitled to 39,040 barries of oil decement someward based upon a depth of 7808 feet to the top of the parforation.

5) That The essignment of said discounty
Allowann to the operand wree will notlance wante more impair parrelation rights,
and is in the interest of danservation, and
Should be approved.

(1) That the Enerch Exploration, Inc., Rambirth Well To. I located in Unit Kop Section 31, Towning & South, Range 35 East, MMPM, Roosevelt County, knowledged, is Resely assigned are ail discusses according within text 1314,070 barrels, to be justiced, within text 1314 of the provisions of fine. 509 of the Edward with the provisions of fine. 509 of the Edward with the provisions of fine. 509

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