CASE 5804: STEVENS OIL CO. FOR A DUAL COMPLETION, CHAVES COUNTY, NEW MEXICO

# CASE NO.

5804

APPlication,
Transcripts,
Small Exhibits,

ETC.

# sid morrish reporting service General Court Reporting Service 825 Calle Mejis, No. 122, Santa Fe, New Mexico 87501 Phone 1565, 982-9212

## BEFORE THE NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico November 10, 1976

#### **EXAMINER HEARING**

#### IN THE MATTER OF:

3

5

6

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

Application of Stevens Oil Company for ) a dual completion, Chaves County, New Mexico.

**CASE 5804** 

BEFORE: Richard L. Stamets, Examiner

#### TRANSCRIPT OF HEARING

#### APPEARANCES

For the New Mexico Oil Conservation Commission:

Lynn Teschendorf, Esq.
Legal Counsel for the Commission
State Land Office Building
Santa Fe, New Mexico

For the Applicant:

Donald G. Stevens, Esq. Attorney at Law 214 Old Santa Fe Trail Santa Fe, New Mexico

INDEX Page Donald G. STEVENS Direct Testimony EXHIBIT INDEX sid morrish reporting service

General Court Reporting Service
825 Calle Mojia, No. 122, Santa Fie, New Mexico 87501
Phone (505)'982-9212 Offered Admitted Applicant's Exhibit One, Plat Applicant's Exhibit Two, Log Applicant's Exhibit Three, Schematic Diagram 

2

5

6

8

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

MR. STAMETS: We will call at this time Case 5804.

MS. TESCHENDORF: Case 5804, application of Stevens Oil Company for a dual completion, Chaves County, New Mexico.

MR. STEVENS: Mr. Examiner, I am Don Stevens, attorne in Santa Fe, New Mexico, representing the applicant in this case. I'm also the owner and expert witness of Stevens Oil Company and as such I would like to be sworn.

(THEREUPON, the witness was duly sworn.)

MR. STEVENS: My name is Don Stevens, I'm the owner of Stevens Oil Company in Santa Fe, New Mexico.

I have previously testified before this Commission and had my qualifications accepted as an owner and I think as an expert witness and would request the Commission to accept my qualifications in this case.

MR. STAMETS: The witness' qualifications are accepted.

MR. STEVENS: Basically this case is a request of Stevens Oil Company for a dual completion of its Stevens Oil Company O'Brien "C" Well No. 2 located in Unit D of Section 1, Township 9 South, Range 28 East, Chaves County.

It's a dual completion from the San Andres formation and the Devonian formation.

Referring to what has been marked as Applicant's Exhibit Number One, this is an area plat of the Twin Lakes Oil Field, showing the wells and operators therein. There is only

Page\_\_

\_\_\_

one operator within the subject area and there are three Devonian wells in this field, the remainder being San Andres wells.

The subject well is marked in red in the northwest quarter of the northwest quarter of Section 1, 9 South, 28 East. The other two Devonian wells in the field are in the northwest quarter of the southwest quarter of Section 1 and southwest quarter southwest quarter of Section 1 and the remainder of the wells are San Andres oil wells.

Referring to what has been marked as Exhibit Number

Two, this is a compensated neutron log of the subject well and

in the large scale of this log, marked in red, are the perfora
tions in the San Andres formation which are from twenty-five

hundred, sixty-four feet to twenty-five hundred, ninety-two

feet.

Further down in the log are shown the other perforations in the Devonian formation which are from seven thousand two hundred and forty-nine feet to fifty-five feet and seven thousand, two hundred and sixty-four feet to seventy-two feet.

I mentioned this well is set up as a dual and was completed with a gas-oil ratio -- the gas-oil ratio in the San Andres formation was three, point, seventy-four barrels of oil per day, plus thirty-seven, point, four barrels -- pardon me, that's the Devonian I'm talking about. It's three barrels of oil per day, sixty-six barrels of water per

Morrish reporting service

Ceneral Court Reporting Service

Mejia, No. 122, Santa Te, New Mexico 87501

H

8

10

11

12

16

17

18

19

20

21

22

23

24

25

13

day with a gas-oil ratio of eighteen hundred to one, approximately.

The San Andres potential for three, point, seventyfour barrels of oil per day, thirty-seven, point, four barrels of water per day with a gas-oil ratio of thirteen hundred, fift cubic feet of gas per barrel of oil.

These two zones are segregated in the wellbore as will be borne out by the Exhibit Number Three which I will now address myself to. This is a schematic diagram of the dual completion as it is currently completed. It is an unusual qual completion in that you have got two separate strings of tubing and in effect, two separate wellbores. The history of the well might explain why its unusual nature and then I will explain the actual mechanical setup itself. The well was drilled as a Devonian well in 1950 to approximately seventy-two ninety-five. It was cased with seven inch casing with a DB tool run in the well and cement coming back up to approximately twenty-nine hundred feet. This well was produced for some fourteen years and then it was abandoned in the Devonian. seven inch casing was cut off at twenty-seven hundred, twentysix feet and the well was completed in the San Andres formation from approximately twenty-five, sixty-four to approximately twenty-six, twenty and this was effected by putting a bridge plug or a cement plug in the seven inch casing below twentyseven, twenty-six and perforating the nine-and-five-eighths

ge\_\_\_\_sp

sid morrish reporting service

General Court Reporting Service
825 Calle Mejia, 122, Santa Fe, New Mexico 87501
Phone (505) 982-9212

16

17

18

19

20

21

22

intermediate string in the intervals just stated. That well was then acidized and was on production sporadically for a number of years. It was decided that an attempt could be made to recomplete the Devonian well and the San Andres well, so with this in mind the perforations in the San Andres were squeezed, one of the reasons being to shut off gyp which seemed to be coming from the lower formation. This then was drilled out, the seven inch casing was drilled out to TD, the old TD, and at this point five-and-a-half casing was run down to twenty-seven hundred, forty-nine feet inside the seven inch casing and was hung inside that seven inch casing with a Brown oil tool liner hanger, in effect a packer, to effect a shut off between the San Andres formation above there and the nine-and-five-eighths and the Devonian formation below. At that point, inch-and-a-half tubing was run between the five-and-ahalf inch casing and the nine-and-five-eighths casing down to twenty-six hundred feet and rods and a pump run inside that inch-and-a-half and that was placed upon a beam pump and pumped the potential previously stated.

The Devonian, then, a completion was effected by running two-and-three-eighths tubing through five-and-a-half casing down to seventy-two hundred feet where a Lynes expandable packer was used to shut off the Devonian perforations and also to effect a seal between the gas lift valves which were run on that tubing. This well then was gas lifted

| morrish reporting service
| General Court Reporting Service
| General Court Reporting Service | Mejia, No. 122, Santa Fe, New Mexico 87501 | Mejia, Phone (505) 982-9212 service

6

11

19

20

21

22

23

24

14

¥#

18

1

13

.

ŝ 13 through gas lift valves on the two-and-three-eighths tubing with the potentials as shown.

The wells are poor wells, as you can tell from the potentials, but they may ultimately make some money and so in that respect we would like to have this dual completion approved.

We did run a gas-oil ratio, as pointed out on the San Andres and at the completion of that gas-oil ratio test, and while this gas-oil ratio test was going on, the annulus of the five-and-a-half was pressured up from previous gas-lift testing to seven hundred and seventy pounds. At the end of the gas-oil ratio test on the San Andres side, the gas-oil ratio tester was left on, the annulus of the five-and-a-half 12 was pressured up, under pressure, and increased in pressure until it started gas lifting normally. The pressure went to seven hundred and ninety pounds during this interval and then 15 broke back to its normal operating level of about seven hundred 17 and seventy-five pounds. 18

While this was going on the gas-oil ratio tester on the San Andres side was running and no additional gas was shown on the gas-oil ratio chart, which to us indicates a shut off between the two zones.

Of particular interest in that respect also, the San Andres formation when it did produce a number of years ago had a gas-oil ratio bearing between, I think four thousand and six thousand cubic feet of gas per day per barrel of oil.

The current gas-oil ratio, after squeezing and re-acidizing,

was either sixteen, fifty or -- it's one thousand, three hundred

and five cubic feet of gas per barrel of oil. That indicates

two things, one, the reservoir has changed since it previously

produced, or, we have shut off some of the gas that did previously

produce in the well but it also gives further evidence of the

shut off between the five-and-a-half and seven inch of the gas

lift well in the Devonian and the tubing set up and casing set

up on the San Andres production.

We think it is a reasonable dual completion, though conventional in that the two zones are completely segregated and would prefer that it be approved. We think it will tend to prevent waste and protect correlative rights.

These Exhibits One, Two, Three were prepared by me or under my supervision and at this time I would like to offer them into evidence.

MR. STAMETS: These exhibits will be admitted.

(THEREUPON. Applicant's Exhibits One, Two and
Three were admitted into evidence.)

MR. STEVENS: I have no further direct testimony at this time.

MR. STAMETS: Assuming that you keep this particular set up for a period of time, your packer leakage test won't follow the standard procedures?

MR. STEVENS: No, sir, it will not and we would anticipate the field rules of the San Andres provide a semiannual gas-oil ratio test, we would anticipate running that in the same manner that it was run this time to make sure there is no leakage. Of course, we will monitor the well's production and if any leakage should occur it will be immediately obvious, but certainly there will be a semi-annual test on this MR. STAMETS: Any other questions of the witness? He may be excused.

(THEREUPON, the witness was excused.)

MR. STAMETS: If there is nothing further this case will be taken under advisement and the hearing is adjourned.

17

8

10

11

12

13

14

15

16

18 19

20

22

21

23

24

25

	٠.						-	- 1	
æ			. **				. 1	n	
	۰.	•	_		 _				

#### REPORTER'S CERTIFICATE

I, SIDNEY F. MORRISH, a Certified Shorthand 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.

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 580%

New Mexico Oil Conservation Commission Examiner

Sid morrish reporting service

825 Calle Meja, No. 122, Santa Fe, New Mexico 87501

Phone (305) 982-9212

10

11

12

13

14

15

16

17

18

19

20

21 22

24

23

25



DIRECTOR

JOE D. RAMEY

#### **OIL CONSERVATION COMMISSION**

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

PHIL R. LUCERO December 6, 1976

Re:



STATE GEOLOGIST EMERY C. ARNOLD

				•	
14-	The	-13	~	A4-	
MI.	ומפע	DLB	G.	Ste	vens
Att	orne	<b>T</b> 2	t Ta		
		<b>,</b> –	-		
P. (	A 10	'	170	7	
_E • \	U. D	UA.	とノファ	Description	
San	CB F	<b>e</b> . 1	New .	Mex	100
		- <b>-</b>			

CASE N	10	5804	
ORDER	NO.	R-5326	

Applicant:

Stevens 011 Company

Dear Sir:

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

Yours very truly,

JOE D. RAMEY

Director

Other\_\_\_\_

#### 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. 5804 Order No. R-5326

APPLICATION OF STEVENS OIL COMPANY FOR A DUAL COMPLETION, CHAVES COUNTY, NEW MEXICO.

#### ORDER OF THE COMMISSION

#### BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on November 10, 1976, at Santa Fe, New Mexico, before Examiner Richard L. Stamets

NOW, on this 30th day of November, 1976, 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, Stevens Oil Company, seeks authority to complete its O'Brien "C" Well No. 2, located in Unit D of Section 1, Township 9 South, Range 28 East, NMPM, Chaves County, New Mexico, as a dual completion (conventional) to produce oil from the San Andres and Devonian formations through parallel strings of tubing.
- (3) That the mechanics of the proposed dual completion are feasible and in accord with good conservation practices.
- (4) That approval of the subject application will prevent waste and protect correlative rights.

#### IT IS THEREFORE ORDERED:

(1) That the applicant, Stevens Oil Company, is hereby authorized to complete its O'Brien "C" Well No. 2, located in Unit D of Section 1, Township 9 South, Range 28 East, NMPM, Chaves County, New Mexico, as a dual completion (conventional) to produce oil from the San Andres formation through 1 1/2-inch tubing installed between the 5 1/2-inch and 9 5/8-inch casing strings and oil from the Devonian formation through 2 3/8-inch tubing installed in a packer within the 5 1/2-inch casing at an approximate depth of 7,200 feet.

-2-Case No. 5804 Order No. R-5326

PROVIDED HOWEVER, that the applicant shall complete, operate and produce said well in accordance with the provisions of Rule 112-A of the Commission Rules and Regulations insofar as said rule is not inconsistent with this order;

PROVIDED FURTHER, that the applicant shall take packer-leakage tests upon completion and annually thereafter during the Annual Gas-Oil Ratio Test Period for the Twin Lakes-San Andres Pool.

(2) 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

PHIL R. LUCERO, Chairman

EMERY CARNOLD, Member

DOE D. RAMEY, Member & Secretary

SEAL

Docket No. 31-76

Dockets Nos. 32-76 and 33-76 are tentatively set for hearing on November 23 and December 15, 1976. Applications for hearing must be filed at least 22 days in advance of hearing date.

#### DOCKET: EXAMINER HEARING - WEDNESDAY - NOVEMBER 10, 1976

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

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

- ALLOWABLE: (1) Consideration of the allowable production of gas for December, 1976, from seventeen prorated pools in Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico.
  - (2) Consideration of the allowable production of gas for December, 1976, from four prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico.
- CASE 5796: In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Hixon Development Company, National Surety Corporation, and all other interested parties to appear and show cause why the Central Bisti Unit Wells Nos. 41, 46, 47, 49 and 50 located in Units D, I, K, M, and O, respectively, of Section 16, Township 25 North, Range 12 West, Bisti-Lower Gallup Pool, San Juan County, New Nexico, should not be plugged and abandoned in accordance with a Commission-approved plugging program.
- CASE 5798: Application of Exxon Corporation for a unit agreement, Sierra and Dona Ana Counties, New Mexico.

  Applicant, in the above-styled cause, seeks approval for the Prisor Unit Area comprising 24,910 acres, more or less, of State, Federal, and fee lands in Townships 16 and 17 South, Ranges 1 Fast and 1 West, Sierra and Dona Ana Counties, New Mexico.
- CASE 5799: Application of Gulf Oil Corporation for an unorthodox gas well location and a non-standard proration unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for a 160-acre non-standard 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, Township 21 South, Range 37 East, Tubb Gas Pool, Lea County, New Mexico, to be dedicated to applicant's J. N. Carson Well No. 9 located at an unorthodox location 1874 feet from the South line and 2086 feet from the West line of said Section 28.
- CASE 5809: Application of Gulf Cil Corporation for downhole commingling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to commingle Drinkard, Tubb, and Blinebry production in the wellbore of its Manda "B" Well No. 1, located in Unit C of Section 28, Township 22 South, Range 37 Fast, Lea County, New Mexico.
- CASE 5800: Application of Yates Petroleum Corporation for salt water disposal well, Eddy County, New Mexico.

  Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Morrow formation through the perforated interval from 8983 feet to 9129 feet in its Bob Gushwa Well No. 1 located in Unit J of Section 21, Township 18 South, Range 26 East, Atoka-Pennsylvanian Gas Pool, Eddy County, New Mexico.
- Application of Atlantic Richfield Company for a non-standard proration unit and simultaneous dedication, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for a 275-acre non-standard gas proration unit comprising the W/2 E/2, N/2 NW/4, and SE/4 NW/4 of Section 19, Township 21 South, Range 36 East, Fumont Gas Pool, Lea County, New Mexico, to be simultaneously dedicated to applicant's State 176 Wells Nos. 3 and 6 located, at unorthodox locations in Units J and C, respectively, of said Section 19.
- CASE 5802: Application of El Paso Natural Gas Company for downhole commingling, Ric Arriba County, New Mexico.

  Applicant, in the above-styled cause, seeks authority to commingle South Blanco-Pictured Cliffs and Blanco Mesaverde production in the wellbore of its San Juan 28-7 Unit Well No. 75 located in Unit L of Section 15, Township 28 North, Range 7 West, Rio Arriba County, New Mexico.
- CASE 5803: Application of El PamCo., Inc., for downhole commingling and simultaneous dedication, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks authority to commingle Fruitland and Pictured Cliffs gas production in the wellbore of its Valdez "A" Well No. 1, located in Unit P of Section 24, Township 29 North, Range 11 West, San Juan County, New Mexico. Applicant further seeks approval for the simultaneous dedication of the SE/4 of said Section 24 to said well and its Valdez Well No. 1 located in Unit I of said Section 24.
- CASE 5804: Application of Stevens Oil Company for a dual completion, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its O'Frien "C" Well No. 2 located in Unit D of Section 1, Township 9 South, Range 28 Fast, Chaves County, New Mexico, to produce oil from the San Andres and Devonian formations through parallel strings of tubing.

- CASE 5805: Application of Morrie R. Antwell for compulsory pooling and an unorthodox location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Wolfcamp and Morrow formations underlying the N/2 of Section 3, Township 22 South, Range 26 East, Eddy County, New Mexico, to be dedicated to a well to be drilled at an unorthodox location in Unit G of said Section 3. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof, as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in drilling said well.
- Application of Anadarko Production Company for two unorthodox well locations, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox locations of its Artesia State Unit Well No. 9-5 to be drilled 1270 feet from the North line and 50 feet from the East line of Section 23 and its Artesia State Unit Well No. 2-3 to be drilled 50 feet from the South line and 1270 feet from the West line of Section 13, both in Township 18 South, Range 27 East, Artesia Queen-Grayburg-San Andres Pool, Eddy County, New Mexico.
- CASE 5797: Application of C&K Petroleum, Inc. for a unit agreement, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Dallas Ranch Unit Area comprising 5746 acres, more or less, of State, Federal, and fee lands in Township 9 South, Range 26 East, Chaves County, New Mexico.
- Application of C&K Petroleum, Inc., for compulsory pooling and a non-standard unit, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Wolfcamp and Pennsylvanian formations underlying the N/2 of Section 13, Township 22 South, Range 26 East, South Carlsbad Field, Eddy County, New Mexico, to form a non-standard 336.6-acre unit to be dedicated to a well located 1680 feet from the North line and 1980 feet from the East line of said Section 13. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof, as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in drilling said well.
- CASE 5808: Application of C&K Petroleum, Inc., for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the surface down to and including the Pennsylvanian formation underlying the SE/4 SE/4, NE/4 SE/4, NE/4 SE/4, and SW/4 SE/4 of Section 21, Township 16 South, Range 37 East, Lea County, New Mexico, to form four 40-acre oil proration units, the first to be dedicated to a well to be drilled at a point 660 feet from the South and East line of said Section 21 to test the Strawn formation and each of the others to a well subsequently drilled 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. Also to be considered will be the designation of applicant as operator of the wells and a charge for risk involved in drilling said wells.
- CASE 5785: (Continued from October 27, 1976 Examiner Hearing)

Application of Doyle Hartman for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Seven Rivers-Queen formation underlying the NE/4, NE/4, NE/4, SM/4 NE/4, and SE/4 NE/4 of Section 19, Township 24 South, Range 37 East, Langlie-Mattix Pool, Lea County, New Mexico, to form four 40-acre proration units to be dedicated to four oil wells to be drilled at standard locations on said tracts. 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. Also to be considered will be the designation of applicant as operator of the wells and a charge for risk involved in drilling said wells.

- Application of Dome Petroleum Corporation for pool creation and assignment of a discovery allowable, McKinley County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new oil pool for Entrada production and the assignment of approximately 58,770 barrels of oil discovery allowable to the discovery well, being the Federal 21 Well Mo. 1 located in Unit K of Section 21, Township 20 North, Range 5 West, McKinley County, New Mexico.
- CASE 5776: (Continued from October 27, 1976, Examiner Hearing)

Application of Continental Oil Company for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its James Ranch Unit Well No. 8 to be drilled at a point 1980 feet from the North line and 660 feet from the West line of Section 31, Township 22 South, Range 31 Fast, Los Medanos-Morrow Gas Pool, Eddy County, New Mexico, the N/2 of said Section 31 to be dedicated to the well.

#### BEFORE THE

#### OIL CONSERVATION COMMISSION OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF STEVENS OIL COMPANY FOR A DUAL COMPLETION (UNORTHODOX) IN NW/4 NW/4 SECTION 1, TOWNSHIP 9 SOUTH, RANGE 28 EAST, CHAVES COUNTY, NEW MEXICO

#### APPLICATION

COMES NOW, Stevens Oil Company and applies to the Oil Conservation Commission of New Mexico for an order providing authority to applicant to complete its O'Brien "C" Well #2, located in Unit D of Section 1, Township 9 South, Range 28 East, N.M.P.M., Chaves County, New Mexico as a dual completion to permit production of oil from the Twin Lakes San Andres pool and the Twin Lakes Devonian pool, and in support thereof Applicant would show:

- 1. Applicant is the owner of the right to produce oil and gas from the following described acreage: N/2 NW/4 of Section 1, Township 9 South, Range 28 East, N.M.P.M., Chaves County, New Mexico.
- 2. Applicant has completed its O'Brien "C" #2 Well located 660 feet from the north and west lines of said Section 1 as a dual completion in the Twin Lakes San Andres and Devonian pools, as shown by schematic diagram attached hereto.
- 3. Applicant's proposed dual completion is unconventional in that Devonian oil and gas will be produced by gas lift through 2 3/8" tubing set at 7200' with gas lift valves inside 5½" casing to 2749' and 7" casing to 7295'. Applicant proposes to produce the San Andres formation through 1½" tubing set between the 5½" casing and 9 5/8" intermediate casing at a depth of 2600'.
- 4. Approval of this application will result in recovery of oil and gas that would not otherwise be recovered, will prevent waste, and correlative rights of other owners in the area will

be protected.

WHEREFORE, Applicant respectfully requests that the Commission set this matter for hearing before the Commission's duly appointed examiner, and that after notice and hearing as required by law the Commission enter its order approving an unorthodox dual completion for the Stevens Oil Company #2 O'Brien "C" located in NW/4 NW/4 of Section 1, Township 9 South, Range 28 East, Chaves County, New Mexico, and for further orders as may be proper in the premises.

Respectfully submitted,

STEVENS OIL COMPANY

P.O. Box 1797

Santa Fe, New Mexico 87501

ATTORNEY FOR APPLICANT

Case 5804

Form C-107 5-1-61

#### NEW MEXICO OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO APPLICATION FOR MULTIPLE COMPLETION

Oberator		County	Date	
Stevens Oil Company	·	Chaves		10-20-76
Address		Lease	Well	No.
Box 1797, Santa Fe, N				2
Location		nship	Rand	le
of Well D	1	9 South		28 East
<ol> <li>Has the New Mexico Oil Conservation zones within one mile of the subject</li> <li>If answer is yes, identify one such in the subject of the subject in the subject of the</li></ol>	well? YES	NO X	-	
3. The following facts are submitted:	Upper	Inter	mediate	Lower
	Zone		one	Zone
a. Name of Pool and Formation	Twin Lakes Sar	Andres		Twin Lakes Devoniar
b. Top and Bottom of				TWIN DUNCS DEVOMIA
Pay Section	2564-92	***		7249-72
(Perforations)				7245 12
c. Type of production (Oil or Gas)	Oil			Oil
d. Method of Production	Beam Pump	)		Artificial Gas Lif
(Flowing or Artificial Lift)	Ageningial Gas			A
4. The following are attached. (Please			<del></del>	
d. Electrical log of the dicated thereon. (If so	uch log is not available at t	he time application is t	iled it shall be si	nes and intervals of perforation in abmitted as provided by Rule 112-A.
No offset operators	other than this	operator		
	v			
			. vec	NOV N NV annualis use sine
6. Were all operators listed in Item 5 al		a copy of this applicat	ton: 1ES	NOA N. All allswel is yes, give
date of such notification		•		
CERTIFICATE: I, the undersigned, (counder my supervision and direction and t	ompany), and that I am auth	norized by said company	to make this repo	tevens Oil Company  t; and that this report was prepared
ander my supervision and direction and t	nut the facts stated therein	Vounde	Whiten_	
		Donald G.	Stevensigna	lwe

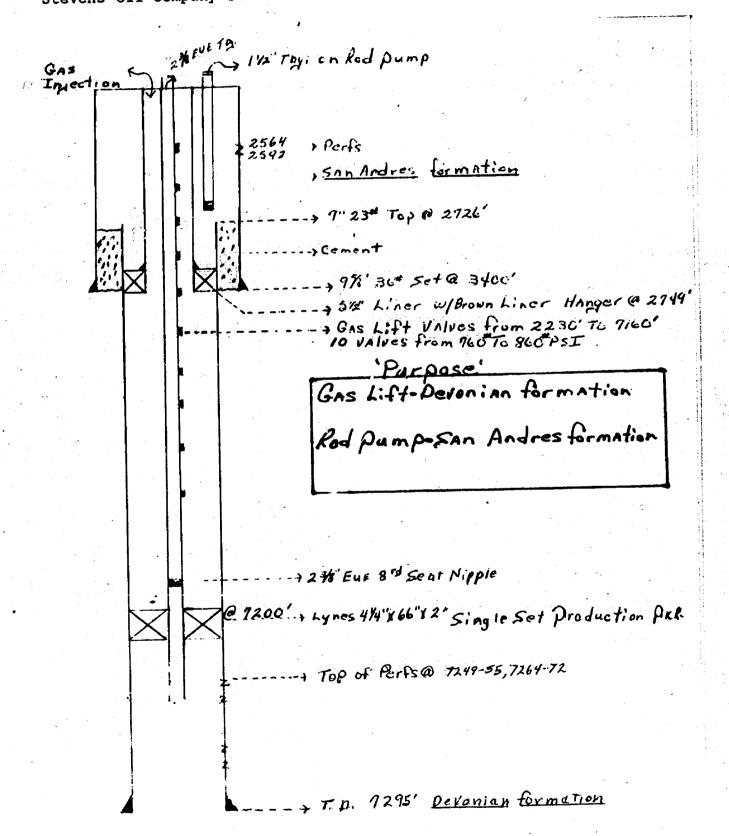
\*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

,	ve	1	II no Element	Relph Niz etal Jerry Curtie	Sie Mannifin e. Bie Hannifin e. Bolophie Lyaud. Jarry Curlia	Care
8	9	10	n H	Breaks Hall Oil,35% Oil,35% WV.Harlaw.ir WV.Harlaw.ir	Jerry Curtis 19.04 3 W.V.Harlow, Jr. 7.1 64 Brooks Holl Cill, 16%	5804 .
14 Graves	UV lead. R.W. Clemell W.B.,C.L.E.J.C.O'Srien,etel	Rinetta Graves	11 11 11 Ainetta Braves	7-1-79 10-7-97 7-1-94 Jesse K.Fail Wille E, Fail	3 e. e e 7 . D. C. Chemberlein, et el J.G.C. W.B. O'Brien	D.C. Chemberlain, a J.B. S.W.B. D'Brian
		Cities Serv. 1 · 8 · 78	11 Cities Serk 11 1 + 5 + 75	W.V. Harlow, Jr. 7: 1: 94	J. 84 2 J.M. Huber Corp. 7- 1 - 84	Aztee /2 I I, Hamon B · 24 · 31 J.M. Huber Cor
1.Stewart 21 - 20 - 79 2 17		15	n 14 5 14 5	J.E. Bach Ethel Beeh Gifford E	Je 41 ft J.C.Bornes W. C.Bornes W. C.Borne	17
g g Evind.	Lodd Pet. J.M.Kelly 10-17-77 - 0-16-76		11 His develop	Gifford L. Mitchell Amoco, No UVInd.	Gifford C. Mitchell	j ko k
Clewell V.G. O'Brien, etal	siete 8	28 Rimite Graves	1) Rinella Graves	R.W. Clowell W.B., C.L. & J.G. O'Brien, etcl	UV Ind. W.B. S.L.C.J.G. Brienstal	UY Industries J. 6.0 Brisn, s
R.S. McKnight 1.1.90 16900	JR Stenart	Union 2 · 1 · 86	II Union II S 1 90 II Amoco, 6 Gifford & Milthell	Arnocoles Gilford B, Mitchell 2 British Hall Cliff M W.V. Harlos, Jr. 7 L - Se	16.78 17 J.M. Huber Corp. 7-1 - 84 Te.18 14 Amoco 2 - 1-78	Se Griena LIM
20	21	22	11 2: 3: 76		16.00 T	Len Ortecheld
1000 P	Fermie UV md Reinhart w. E. E. J. a.	•	11 11	Gifford & Mischell Brown 2-8-76 DA 6-22-71	Tage of	
U.S.	Panie W.E.C.L.E.J.E. Paul Reinhert O'Brian, et al	W.B., S.L.E.J. & O'Brian, atal	W. B.C.L.E.J.G. O'Brien, etal	W.B., C.L.R.J.G. 9 Brien, etal	W.B., C.L.E.J.E. & Brian, et al. 38.86	J. E. O'Brien, J.M. Sa.L
M.P. Grace		All Country of the Co	11	W.V. Horlow, dr. 16-1-17 Brooks Hall Off, 35-76	To at T	Huber Corp. 7: 3 7: 1: 84
29	26 107191 26 107191 26 107191 044-14-74	27	/\ 	D.O. Stevers	C. M. Kuchemenn S. E. Andrews, et al 3 6 8 3 J. Huber Corp. J. P. Bates	29
2		فيونور	11	1 1 7	7-17-84 12-7-17 10-16-7 UV Incl.	UV brid
2 U.S.	W.B. C.L.E.J. 8.0'Brien, olol	W.B., C.L.E.J.G. O'Brien, et al	W.B., C.L.E.J. 4.0'Brian, et al	W.S., C.L. &J.S. O'Brian, etal Stavers Stavens Ciliat Cristal		W.S.,C.L.E.J.G. 6'87
######################################	· ·		Real Har of But Operators	Nr. B., C.L. E.J. B. O'Brian, etel Strawer Stevens Cilia: Cities Hill D. B. Serr, Serr, 103 P. Serr, Serr, 103 P. Serr, Serr, 104 P. Serrens P. Serr, 105 P. Serrens P. Serrens 100 P. Serrens 105 P. Serrens P. Serrens 100 P.	J. P. Botes 17: 7: 77 টিএ.73 মুঁ	Armoco 6 - 25 - 78
32	33	34		Stevent Dit Spens Chigari Stevent Dit Spens Chigari St. McCo. Co. Co. Co. Co. Co. Co. Co. Co. Co.	16.11 [1 3]	82
270 50 70 70 70 70 70 70 70 70 70 70 70 70 70	W.B., C.L., L.J. G. O'Brion, et el	UV Ired. W.B., C.L.E.J.G. O'Brien, et al	Subject Office Serv. Subject Office Serv. UVInd. 18-6 W.G., C.L.E., J.G. O'Brien, etcl.	Constitution of the second of	30.10 78 EV Incl. W. R. C.L.R.J.G. O'Brian, et al.	W.B.,C.L.E.J.B.O Brien
		त्र का स्वाहरू भेग्यत्र शास्त्रक र			38.78 4 48.12 M48.28 21 18.28 7 J.P. Sales	18.18 4(48.27 3)48.19 3 J.P. Botes J.J.M. Hu
M.P. Grace	البال السائد		Over (	(4) A decis de en 140.02 / Chien in de la contraction de la contra	30.70 s <sup>+</sup> 10. 7. 77	18. 2. 27 1 7. 2
0560253 5	4	3	Stevens Oil	Stevens Dil Otorvord Expli   Stevens Dil	To se of San	J.M. Huber Corp.
To the state of th	*	•	Pearsen: Sibert O'Brien 707850	Mobil)  Fire "O'Brieg"  Ulmd	DM 4-26-46 50:60 F	7 - 30 - 60
us.	W.S., C.L., E.J.E. O'Brien, etal	W.B.,C.L.E.J.E, O'Brian, elei	W.B.,C.L.E.J.G. O'Brien, ctel	W.B., C.L. E.J. G. D' Bries, etcl	W.B., C.L. & J.O. O'Briggeld 38.87 17	W.S.,C.L.C.L.G. & Scien,
Joan Duncon		: 		Sind Trainlakes Oil O'Brien 16 Tess MA 1-3-71	J.P. Bates 12: 7: 77 Ta.ee 3	J.M. Hober Cor 7 - 25 - 60
-8- Franklin. Astone Fair	9	10	u	J.M. Huber Corp.	ភ <b>ិ</b> ស ភ 7	8
UV Ind. W.B., C., E.J.G.	UV Incl W.S., C.L., E.J. G. O'Brign, et al	UV Inc. W.S.,C.L.,GJ.Q.O'Srian, etal_	W.G.,C.L., LIVING W.G.,C.L., LIVIS O'Brian, etcl	UV ind.	30.00 To C.L. J. G. E.W. B. O'Brian O. E. Chomberlain, et al Light cop Lat. v. Ct.	No. B. O'Brian, etc.
a   Gerien, elal	ETR Oil &		w. B., C.L., LJ. S. O'Brian, elel	W.B., C.L. R.J.G. O'Brian, glat	36.66 17 J.P. Bates	J.M. Huber Cor
November 1	U-8480 254 2.AU		· .		ार-४-१४ प्रथम हो	7 - 28 - 90
# 17 ********	EIR GIT   CIR ON State   6	15	<b>14</b> (1)	13	14 1 L 14 1E	17
POE & M.I.	siere 9	28 Euchongo C.E. M.I.	Exchange O. R.B. M. I. UV Incl. J. P. White, Jr. etal	Mabil	ions if UV Incl , W. 8. 0'8 rien, etal	uvind w.s.sisrianatal
			* 1		J.M. Huber J.M. Huber 12- 7- 77 18- 18- 37 L.Y. Sendera	Kerr-Mc000 1 - 87 - 16 J. M. HubeF
- Surveyer	in summer on man 1 .		<b>3</b>		Java It J.M. Nober 12.18.17	18- 18-77

#### SCHEMATIC DIAGRAM

Stevens Oil Company #2 O'Brien "C", Dual Completion



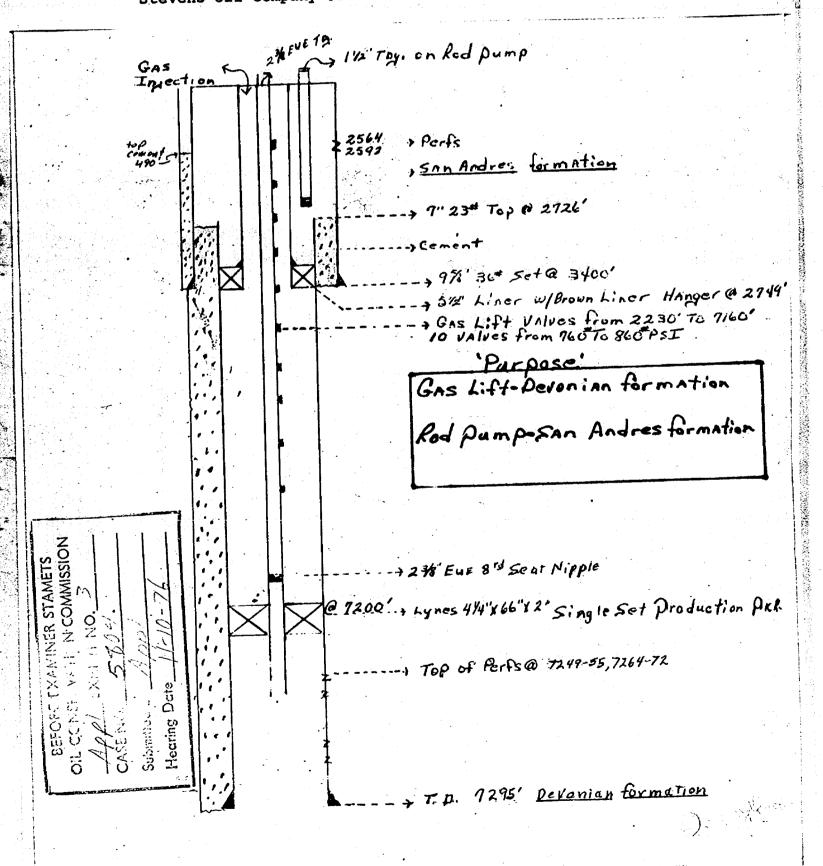
<u>Baire manag</u>			ing dia salah s Salah salah sa				Alberta a contras	
******	Femile Uvind		11   11   11   1   1   1   1   1   1	Gifford & Milenello drien 2 - 8 - 76 DA 8 - 22 - 7)	Tan T	A STATE OF THE STA	So Union	
U.S.	Reinhort W. E. C. L. E. J. E. Poul Reinhort C'Brien, etcl	W.B., F.L.E.J.Q. O'Brien, etcl	W.B.C.L.EJ.O.O'Brien, et al	W.B., C.L. E.J.G. O'Brien, etal	W.B.,C.L.E.J.G.O'Brien, et al	UV Ind. J. G. O'Brien, etal	J. 5. 2 Brjen, etal	1_
Dolpart M.P. Grace 7 - 1 - 75	Shop The		" " " " " " " " " " " " " " " " " " "	W. V Harlow, dr. H- 7- 77 Srooks Hall Oli, 25 %	36.46 3 C. M. Kuchemenn S. E. Andrews, et al	J.M. So. Union Huber Corp. 7- 31- 78	So. Union 20. 28. 28 Amoco 8-4-77 6-25-78	
Fronklin, Aston & Foir 12: 1: 8: 1:	28	27		D.G.Stevens 8 · 1 · 79	38 82 3 J. J.P. Bates 7. 1 - 84 12 7 - 77	29	28—	
U.S.	W.S. C.L.E.J.S. O'Brien, etcl	W.B., C.L.E.J.G. O'Brien, et al	W.B., C.L.E.J.G.O'Brien, et al		UV Incl. Original M.B., C.L.E.J.B., OBrien, etc.	UV Incl. W.B.,C.L.E.J.G. O'Brien, et al	UV ind. J. G. O'Brien, etal	1 *
Anger 10-441		34	Structure Oil - 35	Stepens Stevens Chies Cities (1) on Service (1) on	J. P. Botes 12- 7- 77 30.73 1	J. P. Boles 12- 7- 77 6- 25- 78 4 11 Sprenge	Amoco 6 - 25 - 78 33	J.R
Stele	UV Incl. M.B., C.L., S.J. G. O'Brien, et el	UVIncl. W.B., C.L.E.J.G. O'Brien, et al				W.B., C.L. G.J. G. O Brien, et al	UV ind. J. G. O'Brien, et el	1
ng ag (136) y 139 yr 139,75 / 3 y 12-head 12-head Sigig La-jana	3876 4[38,61 3]59,87 1[39,82 ]	19 97 410,00 3100.04 3100 00 7 L L L L	40,11 4140,13 21 (2) 11 (2) 20 (10) (10) (10) (10) (10) (10) (10) (10	48.13" 4 48.13" 3"48.07 3 40.02 7  2Cm(1)	38.73 4 14.13 3148.20 2148.20 1 J.P. Botes 12- 7-77	10.28 (140.2) 3[10.35 2]40.00 ( J.P. Bortes J.M. Huber Corp. 12-7-77   7-25-90	J.M. Huber Corp.	1 40.4
Frenklin M.P. Groce Aston & Felr 7 - 1 - 76 12 - 1 - 8	4	3	(Mobil)	Stevens Dil Stevens Oil	Se. 16 6	J.M. Huber Corp.	4	
üs.	UV fred. W.B., C.L., E.J.G. 5*Brien, etal	UVInd. W.B., C.L.E.J.G, O'Brien, elel	OBiren TO7350 LIV Ind. W.B.,C.L.E.J.G. O'Brien, etal	W.B., C.L. E.J. G. D'Brien, et al	WB,C.L.E.L.S. O'Beinghi	UV Incl.	W.E.C.L. J. E. O'Brie, etcl	
Frenklin, I Joen Duncan 12-1-8	9	10	ų	©1-0 Twin(alvae Oil O'Brien 15 7648 84 1-9-71	190	/ EXHIBIT NO.	MMISSACION CONTRACTOR	
Jeen Duncon   Franklin,   Asten & Feir   12-1-81   14-6-72	e Notation de la proper de la comp			J.M.Huber Corp. 7- 1- 84	( CASE!			
UV Incl. W.B., C.L. E.J.G. U.S. O'Brien, etal	W.B., C.L., C.L.G. O'Brien, etcl	UVINd. W.B.,C.L., E.J. G.O'Brien, etcl	UVInd W.B.,C.L.,EJ.6.0'Brian,eful	UY (=d. W.B.,C.L.EJ.G.O Brien,etel	C.L.J.G. W.B. O Brian O C. Chomberlain, etcl. Lightcop Let (1984)	Date O'Brien, et al	10 They ind	
	Elk 097 C. Plank Ploms Radio D. Elk 01 Broadcasting Co. Store 5-1-81 L-840-256 DANK 2-445		-		36.66 21 } J. P. <del>Dores</del> 12-7-77 36.66 2	JM. Huber Corp. 7 · 25 · 90	Eostfand 3 - 1 - 84 L6-165 25 27	
17	Elk Oil Elk Oil Sforte 16 Sforte 10 1442 TO 1442 DAR 9-12-70	15	14	13.	Laid ira — J	17	16	
Escharge O.f. G. M.J. J. J. P. White, Jr. etal	siere 9	28 Exchange O.E. G. M.I. UP Incl. J.P. White, Jr. et al	- Erchange O. Ed. M.I. LIV Incl. J. P. Whife, Jr. etal		S OIL COMPANY	'And.' Brian,etal		29
		e de la companya de l			unty, New Mexi	1	Kerr-McGee 7 - 27 - 78 J.M. Huber 12 - 18 - 77 A.E. Glenn M.L. Thelma Creebustel UV Ind.	2 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
20	21	22	23	A1	REA MAP	<b>20</b>	J.M. Huber Corp.	福

٠,٠

#### STEVENS OIL COMPANY

#### SCHEMATIC DIAGRAM

Stevens Oil Company #2 O'Brien "C", Dual Completion



#### BEFORE THE

#### OIL CONSERVATION COMMISSION OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF STEVENS OIL COMPANY FOR A DUAL COMPLETION (UNORTHODOX) IN NW/4 NW/4 SECTION 1, TOWNSHIP 9 SOUTH, RANGE 28 EAST, CHAVES COUNTY, NEW MEXICO

#### APPLICATION

COMES NOW, Stevens Oil Company and applies to the Oil Conservation Commission of New Mexico for an order providing authority to applicant to complete its O'Brien "C" Well #2, located in Unit D of Section 1, Township 9 South, Range 28 East, N.M.P.M., Chaves County, New Mexico as a dual completion to permit production of oil from the Twin Lakes San Andres pool and the Twin Lakes Devonian pool, and in support thereof Applicant would show:

- 1. Applicant is the owner of the right to produce oil and gas from the following described acreage: N/2 NW/4 of Section 1, Township 9 South, Range 28 East, N.M.P.M., Chaves County, New Mexico.
- 2. Applicant has completed its O'Brien "C" #2 Well located 660 feet from the north and west lines of said Section 1 as a dual completion in the Twin Lakes San Andres and Devonian pools, as shown by schematic diagram attached hereto.
- 3. Applicant's proposed dual completion is unconventional in that Devonian oil and gas will be produced by gas lift through 2 3/8" tubing set at 7200' with gas lift valves inside 5½" casing to 2749' and 7" casing to 7295'. Applicant proposes to produce the San Andres formation through 1½" tubing set between the 5½" casing and 9 5/8" intermediate casing at a depth of 2600'.
- 4. Approval of this application will result in recovery of oil and gas that would not otherwise be recovered, will prevent waste, and correlative rights of other owners in the area will

be protected.

WHEREFORE, Applicant respectfully requests that the Commission set this matter for hearing before the Commission's duly appointed examiner, and that after notice and hearing as required by law the Commission enter its order approving an unorthodox dual completion for the Stevens Oil Company #2 O'Brien "C" located in NW/4 NW/4 of Section 1, Township 9 South, Range 28 East, Chaves County, New Mexico, and for further orders as may be proper in the premises.

Respectfully submitted,
STEVENS OIL COMPANY

DONALD G. STEVENS

P.O. Box 1797

Santa Fe, New Mexico 87501

ATTORNEY FOR APPLICANT

Form C-107 5-1-61

### NEW MEXICO OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO APPLICATION FOR MULTIPLE COMPLETION

Operator		County	Date
Stevens Oil Company	* •	1 12.	
Address		Chaves	10-20-76
Box 1797, Santa Fe, N	ew Mexico 7501	O'Brien "C"	2 2 2
		wnship	Hange
of Well D	1	9 South	28 East
	n Commission heretofore a	uthorized the multiple completion NO X	of a well in these same pools or in the same
zones within one mile of the subject  2. If answer is yes, identify one such in			
2. It meswer is yes, identity one such h	astrace: Order No.	; Operator Lease, a	and well No.:
3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Twin Lakes Sa	n Andres	Twin Lakes Devonian
b. Top and Bottom of			
Pay Section (Perforations)	2564-92	•	7249-72
c. Type of production (Oil or Gas)	Oil		Oil
d. Method of Production	Beam Pum	p	Artificial Gas Lif
(Flowing or Artificial Lift)			
4. The following are attached. (Please	check YES or NO)		30 A
tors have been furnit	shed copies of the applications well or other acceptable luch log is not available at	og with tops and bottoms of production is filed it sh	ieu thereof, evidence that said offset opera- scing zones and intervals of perforation in- all be submitted as provided by Rule 112-A.
No offset operators	the contract of the contract o		
	3.1		<u> </u>
		•	
		<u> </u>	
		-	
	· <del></del>		
	•		
date of such notification		·	NOX N. All answer is yes, give
CERTIFICATE: I, the undersigned,			the Stevens Oil Company
under my supervision and direction and t			his report; and that this report was prepared the best of my knowledge.
		Woundel V. Sten	
-	· ·	Donald G. Steve	nŠ <sup>ignature</sup>

\*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

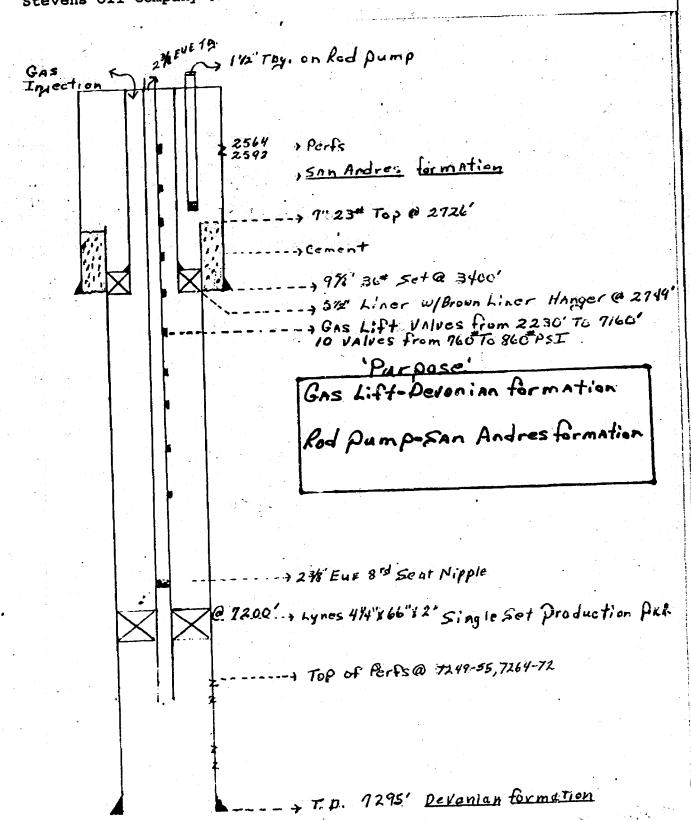
NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard protation unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

	w .		•			, 4
	•					
			••			
¥\$4411	ì		II W.V. Horlow, Jr.	1 . i.	Becker !	
e milit		•	W W. V. Horlow, Jr.	Relph Niz elat Jerry Curtis	Eliz, Honnifin C, Rotoh Niz, Ye MJ, Jerzy Curlis	Clese
			A CONTRACTOR OF THE PROPERTY O	Breske Hall   Breake Hall	16.00 31 W.V.Harlow, Jr.	5804 B
e Williams		2	<b>K</b>	Brooks Hall Oil,36% W.V. Harlow,Jr 7-1-79 W.V. Harlow,Jr 10-7-77	Grocks Hall Cit, 35%	
**************************************	UVInd.		jû .	75 1 - 64	30.00	
tle Greves	R.W. Clemell W. B., C.L.E.J.G. O'Brien, et el	Rinetta Bravas	II Rinotto Graves	Josep K. Fall Wille E. Fail	D.C. Chemberlein, etal J.G.E.W.B. O'Brien	D. C. Chemberlain , e J.G. & W.B. O'Brien
	No. 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10	Cities Serv.	II Cities Serv.	, w.v.	J.M. Huber Corp.	Aztecyz t.Hamon 0-24-77
्री हो.Stewart	262 20 MANNE	1: 6: 76	lt 17.5 - 76	Harlow, Jr. 7. B4 Brooks Hail Oil, 35%	7-1-64	J.M. Huber Cor
<b>्र</b> • <b>••</b> • • • • • • • • • • • • • • • •	a jalan makang n		<u>1</u> 11	J.T. Bath	J.C.Berries O'Brien** 10 2006 10 004 6-7-71	7- 1-304
<b>17</b>	Lodd Pet. J.M.Kellu	15	'  14 \	Ethel Boch 3	38 17 31	17
	Ladd Pef. J.M.Kelly 10-17-77 8-16-76 1-250 K-6298		15 X.N.Speeney	Gifford & Mitchell & F. 18 - 78 - 78 - 78 - 78 - 78 - 78 - 78 -	Gifford & Mitchell	
Vind.	1		11 N.Speeney 11 Progree 12 TOE715 11 Date-8-87	UV Ind	14.75 Amoco Ms	
Clewell J.G.O'Brien, etal	stete 8	28 Rinella Graves	11 Rinette Graves	R.W. Clevell W.B.,C.L.&J.G. O'Brien, etal	UV Ind.	UV Industries J. G. O'Brien, e
R.S. McKnight	J.R. Stewart	Union	11.	Amoca Me Gifford & Mitchell	J. M. Huber Corp.	Sc. Union J.M
10900	1 - 7 - 84	2: 1 - 80	1) Union 1	Gifford & Mitchell 2 · 3 Brooks Hall	7-1:84 Ta:14 14 Amoco	THE THE LIM
			Gifford & Mitchell	Brooke Hall Oliman W.V. Harlow, Jr. 7-1-84	34.78 2 2 5 76	Len Ortscheld
20	21	22	,, 23	24 <u>7-77</u>	ī † 19	J.H. Ortscheid
Union 8 1 82 16008		100	н	A. 120 M	Brooks (toll) cli, 36 %	30. Urion 2 · 28 · 80
	Fannie Livered		l u	Amounts Amer. Trud Gifford & Miletant Gripps 2 8 7 DR & 22-11	The T	
U.S.	Reinhart W.S., C.L.E.J.S. Paul Reinhart O'Brien, et al	W.B., F.L.E.J.E. O'Brian, atal	W.B.C.L.L.J.G.O'Brian, etal	W.O., C.L.E.J.G. Parien, etal	W.B.,C.L.E.J. & Brien, et al	UV Ind. J. 6. 0 Brien,
			ii ii		10.10	
M.P. Grace 7 · 1 · 76 9 0560253			ï,	W.Y Horlow, dr.	ing the second of the second o	Huber Corp. 7-1
1	Shop-Trep	•	"	19 7 17 Brooks Hall 011,25%	C. M. Kuchemenn	
29	28 10270 DIA 1-24-TO	27		25	S.E. Andrews, et al	29
en & Fair			Stevens Oil	D.G.Stevens 2 - 1 - 79	J.M. Huber Corp. J.P. Bates 7-1 - 84 12-7-77	
36			14		10:10 31	
S U. S.	UVInd.	W.B., C.L.E.J.G.O'Brien, et al	UV ind. W.B., C.L.&J.S.O'Srien, stat	W.B., C.L. B.J. G. O'Srien, et al	UV Incl. CLEJE. O'Brien, etcl	W.S.,C.L.E.J.S. OS:
	• 2 2			Stevens Channel Chies I Claim	36.78	
5186 5186 21-4681			No other offset	01 02 Serv.	J. P. Bates 12 - 7 - 77	Arnoco J. P. E
	g g		Operators	State of Sta	3¢110 ₹	6- 25- 78
32 5	33	34	. 35	1674 L 2603 1	3I	32
Arrioco N N N N			•	Stevens Oil Shares	ISTRVONS Cili	121
Midwegt 12 19 NAI-STORE 12 19 20 30 70 DAI-12-15-67			Cities Serv.	Montelial	ie 20 71	
- 5	W.B., C.L., L.J. G. O'Brien, etcl	W.B., C.L.E.J.G. O'Brian, etcl	Subject Wall Whod at M. C.L.E.J.G.O'Brien, etal	Street GI STORE CO. STREET GO. ST	W.Q.C.L.R.J.B. O'Brien, at al	W.S.,C.L.E.J.S.O Srien,
#1010 5 1(19 )? 2(19.76 1		33 87 4 48 40 3 40.06 2140 00	An Alder Man Harry	State Vis		40.20 0 40.21 3 40.13 1
C Head			(aninjoires) (1-4)	(Mobil) HA C HA (Mobil) JIA 120 (M.N.) SA 018C 4 13 weers	J.P. Sotes 12- 7- 77	J.P. Boles   J.M. Hui 18: 7: 77   7:21
M.P. Grace	, r , r		i MabiD	(#10) 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	34.76 \$	- + +
0560153	4	3	(O'Brien) T0 2675 O BALLES	Stevens Oil		L
ि हैं <b>5</b>		, and the second	Stevens Oil	(Horvard Expl)   Stevens Oil	Ja. 48 at Nobob Proof. J. M. Huber Corp. 7 - 30 - 60 Di 4 - 25 - 66	J.M. Huber Carp.
			Peorson-   Sibert	Mobil	TB:64 1	
	UV Ind	UVInd	O'Brien TOTSEE UV Incl.	OFITE UV Ind.	W.S. C.L. E.J.B. O'Brisachel	UV Incl.
US.	W.B., C.L., E.J.E.O'Brien, et al	W.B., C.L.&.J.E, O'Brien, elai	W.B., C.L.E.J.G. O'Brian, chal	W.B., C.L. E.J.S. P'Orian, elel	18.87 1 2	/W.B.,C.L.E.LB.O'Brien
Joan Duncon				<b>⊗</b> '*	J.P. Bates 12- 7- 77	J.M. Huber Corj 7 - 25 - 96
12361		•	•.	Thintakes Oil O'Brien TO Tais RA 1-9-71	T1.20 F	
		ا بر المراجعة المراج		MA 1-9-71 12		8
Franklin Aslens Fair	9	10	(1	J.M.Huber Corp.	រវិម រាំ 🦪	
2.1.61  44.72		• •		7-1-84	- 4	Not. 0'8 10
UVInd	4.11.01	4111-4	littled	UV I.ad.	30.00 TO C.L. J. G.C.W. B. O'Brign D. C. Chomberlein, elei Lightcop Lot. C. Co.	990
W.B., C.L. E.J.G. O'Brien, elel	W.B., C.L., E.J.G. O'Brien, et al	W.B., C.L., E.J.3.0 Brien, etal	UV Incl W.B., C.L., EJ. S. O'Brien, et el	W.B., C.L. E.J.O. O'Srien, et al	Light cop Lee 3. Co.	W. S. O'Brion, ele
92888	Elk Oil & JAJK Proins Redio Y Elk Oil Broadcasting Co. State 5-1-81				J. P. Botes	J.M. Huber Corr
Marath		; ;		r.	12-7-77 ILAF E	7 - 28 - 60
77	77-YIK •	<u>.</u>	-			
7 i7	Eik Oil Store 16 Eik Oil Store 16 TO 1462 TO 1	15	14	13	1402 1 18	17
Results.		,				
50 CG. MJ.	_	Eschange D.E.R.M.I.	Exchange O. B.O. M.I.	•	36.16 7 <sup>1</sup>	11111-1
0 £ 6. M.I. nd. e, Jr. etel	State 9	28 Exchange O. E. M.I.	Exsherge O. & B. M.I. UV Inc. J.P. White, Jr. et al	Mobil	UVINA W. S. O'Brian, etal	W. S. O' Becon, atal
Source.			·		J.M. Huber J.M. Huber 12: 7: 77	Kerr-Mc044 7 • 87 • 76
		į	** 1		18-18-27 [.V. Senders 3818 E J.M. Huber	J. M. Huber 12 - 18 - 77
					IJ# MIKAPE "	12.18.25
§	,		**		Gassert Proplets 12-16-76	13. 10.77

#### STEVENS OIL COMPANY

#### SCHEMATIC DIAGRAM

Stevens Oil Company #2 O'Brien "C", Dual Completion



dr/

#### 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. 5804

Order No. R- 5326

APPLICATION OF STEVENS OIL COMPANY COMPLETION, CHAVES FOR A DUAL COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

#### BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on November 10 , 1976, at Santa Fe, New Mexico, before Examiner Richard L. Stamets

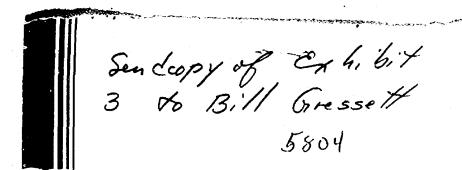
NOW, on this day of November , 1976 , the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

#### FINDS:

strings of tubing.

- (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, Stevens Oil Company seeks authority to complete its O'Brien "C" Well No. 2 WENNEXXXXX , located in Unit D of Section 1 , Township South East אטייטאלי Range 28 West' NMPM, Chaves County, New (conventional) dual Mexico, as a \*sanxangines\* from the San Andres and Devonian formations through parallel

That the mechanics of the proposed dual completion are feasible and in accord with good conservation practices.



(4) That approval of the subject application will prevent waste and protect correlative rights.

#### 17 IS THEREFORE ORDERED:

	ereby authorize				
9		Eas je <u>28 <b>xfas</b>x</u>	•		e and
Meri	co, as a dual		/aanwant	ionall	oil
		- 11.	Contin 1	To Hand	a string
ه او معدد معام ساملم	MARTIN	1 /2 - inch	tu bina	installed	between
	the 5%	from The	d 9 78	onian t	sing stru
	$\mathcal{H}$	a ste	23/2 -1	ne 6 tul	sing Inste
		a Ker u	Thin The	5h-1	wh casin

is not inconsistent with this order;

designated.

PROVIDED FURTHER, that the applicant shall take packer-leakage tests upon completion and annually thereafter during the Annual Gas-Oil Ratio Test Period for the Think Lakes San Photos Pool.

(2) 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