

Survey Results

Region: West Texas and Eastern New Mexico-5

Oil Wells

Responses 1984	1983	Monthly Drilling Well Rates				Monthly Producing Well Rates			
		Depth in Feet	Average	Median	Average	Average	Median	Average	Median
		Over But Not Over	or Mean	or Mean	or Mean	or Mean	or Mean	or Mean	or Mean
14	168	0-5,000	\$ 2,910	\$ 2,850	\$ 2,805	\$ 2,460	\$ 305	\$ 325	\$ 280
119	140	5,000-10,000	3,580	3,530	3,375	3,350	365	375	340
47	56	10,000-15,000	4,515	4,330	4,265	4,000	460	475	430
23	16	15,000-20,000	5,495	5,200	4,565	4,750	585	540	485
12	8	20,000	5,915	5,495	5,300	4,500	660	650	515
29	37	No Depth Limit	4,110	3,850	3,835	4,100	425	400	415
									440

Gas Wells

Responses 1984	1983	Monthly Drilling Well Rates				Monthly Producing Well Rates			
		Depth in Feet	Average	Median	Average	Average	Median	Average	Median
		Over But Not Over	or Mean	or Mean	or Mean	or Mean	or Mean	or Mean	or Mean
91	111	0-5,000	\$ 2,945	\$ 2,875	\$ 2,780	\$ 2,510	\$ 315	\$ 335	\$ 270
72	95	5,000-10,000	3,610	3,560	3,495	3,530	380	395	345
57	46	10,000-15,000	4,680	4,540	4,675	4,500	485	475	420
24	17	15,000-20,000	5,345	5,070	4,950	4,965	565	520	495
12	8	20,000	5,990	4,905	6,015	5,590	670	650	530
27	30	No Depth Limit	4,030	4,000	3,925	4,000	410	400	415
									410

DEPOSITED WITH RECORDER
CLERK, COUNTY CLERK
JAN 11 1985
CASE NO. 8475



Densilog

FILE NO.

COMPANY AZTEC OIL & GAS COMPANY

RECEIVED

WELL AMOCO STATE NO. 1 NOV 1 1972

FIELD WILDCAT D.C.C.

COUNTY CHAVES STATE NEW MEXICO

ARTESIA, OFFICE

LOCATION:

660' FSL & 660' FEL

Other Services

L/L

SEC 16 TWP 8-S RGE 29-E

Permanent Datum GROUND LEVEL Elev. 3976
Log Measured from K. B. 11 Ft. Above Permanent Datum
Drilling Measured from K. B.

Elevations:

KB 3987

DF

GL 3976

Date 10-17-72

Run No. ONE

Depth-Driller 3000

Depth-Logger 3005

Bottom Logged Interval 3003

Top Logged Interval SURFACE

Casing-Driller 8 5/8 @ 335

Casing-Logger

Bit Size 7 7/8"

Type Fluid in Hole SALT GEL

BEFORE EXAMINED STOGNER

OIL CONGE DIVISION

CASE NO.

8475

Density and Viscosity 10.2 37

pH and Fluid Loss 16 cc

Source of Sample CIRCULATED

Rm @ Meas. Temp. .06 @ 66 F

Rmf @ Meas. Temp. .06 @ 66 F

Rmc @ Meas. Temp.

Source of Rmf and Rm

Rm @ BHT

Time Since Circ

Max. Rec. Temp. Deg. I

Equip. No. and Location

Recorded By

Well Logged By

Compensated Densilog

Aztec Oil & Gas Co. No. 1 Amoco - St.
SE/SE, Sec. 16, T-8-S, R-29-E
Chaves Co. N. Mex.

Feb. 13, 1985 Stevens Operating Corp.

Schlumberger

SIMULTANEOUS
COMPENSATED NEUTRON-
LITHO DENSITY

COMPANY STEVENS OPERATING CORPORATION

WELL RED LAKE RIDGE #1

FIELD WILDCAT

COUNTY CHAVES STATE NEW MEXICO

LOCATION
760' FNL & 1660' FWL,
API SERIAL NO. SEC. TWP. RANGE
21 8-S 29-E

Other Services:

DLL/MSFL

Permanent Datum: G.L. , Elev.: 3958
Log Measured From K.B. , 17 Ft. Above Perm. Datum
Drilling Measured From K.B.Elev.: K.B. 3975
D.F.
G.L. 3958

Date	9-27-83	BEFORE EXAMINED BY	STONER
Run No.	ONE	OIL CONSERVATION DIVISION	
Depth-Driller	8530		
Depth-Logger	8523		
Btm. Log Interval	8520	EXHIBIT NO.	4
Top Log Interval	SURFACE		
Casing-Driller	8 5/8 @ 2215	CASE NO.	8475 @
Casing-Logger	2220		
Bit Size	7 7/8		
Type Fluid in Hole	SALT GEL/STARCH/4% OIL		
Dens.	10	54	
Visc.	7	16.4 ml	ml
pH			
Fluid Loss			
Source of Sample	FLOWLINE		
Rm @ Meas. Temp.	.061 @ 82 °F	@ °F	@ °F
Rmf @ Meas. Temp.	.046 @ 82 °F	@ °F	@ °F
Rmc @ Meas. T			

Compensated Neutron - Litho Density Log

Stevens Operating Corp. No. 1 Red Lake Ridge
NE/NW, Sec. 21, T-8-S, R-29-E
Chaves Co., N. Mex.

Feb. 13, 1985 Stevens Operating Corp.

TIME
Circulation Stop
Logger on Bottom
Max. Rec. Temp.
Equip. Location
Recorded By
Witnessed By

STEVENS OPERATING CORPORATION
WELL LOG ANALYSIS

COMPANY STEVENS OPER. CORP.															WELL RED LAKE RIDGE NO.1																			
FIELD WILLOCAT															COUNTY CHAVES										STATE N. MEX.									
FORMATION TEMP. 100° F															Rw= .043 @ 100° F										Rmf= .038 @ 100° F									
DEPTH	φ CNL	φ FDC	φ XPLOT	ΔT	φ* SV	(7) SPI	R1ld R1ls	R1ld Rrxo	Rt R1ld	Rt CORR	Rt Rxo	Rxo CORR	d1 (in.)	(1) Swa	(2) Sxo	(3) Swr	(4) Sw CORR	Swsv	Mov Hydro	(5) Hydro Index	BVW	(6) PRI												
2892	12.0	3.0	8.0	51	5.2	.35	$\frac{15}{58}$	$\frac{15}{20}$	1.25	93.8	4.6	20	-	26.8	54.5	41.1	24.1	41.2	30.4	.44	.019	.033												
2898	11.0	5.0	8.5	50	4.5	.47	$\frac{15}{55}$	$\frac{15}{6}$	1.22	91.5	15	6	-	25.5	53.6	19.7	21.2	48.2	66.4	.29	.023	.041												
2902	15.5	2.5	9.5	53	6.5	.32	$\frac{31}{28}$	$\frac{31}{9}$	1.15	35.7	3.9	9	-	36.5	68.4	45.7	34.5	53.4	33.9	.50	.033	.051												
2906	16.0	3.0	10.0	53	6.5	.35	$\frac{24}{24}$	$\frac{24}{7.5}$	-	24.0	-	7.5	-	42.3	71.2	52.2	40.1	65.1	31.1	.56	.040	.065												
2941	14.0	2.0	8.5	52	5.8	.32	-	-																										
2945	17.0	5.5	11.5	54	7.2	.37	$\frac{16}{13}$	$\frac{16}{5}$	1.22	19.5	-	5	-	40.8	75.8	46.1	39.6	65.2	36.2	.52	.046	.075												
2955	15.0	3.5	9.5	53	6.5	.32	-	-																										
2958	17.0	5.0	11.5	53.5	6.9	.40	$\frac{18}{8}$	$\frac{18}{5.5}$	1.59	28.6	5.0	5.7	-	33.7	71.0	39.4	32.4	56.2	38.6	.46	.037	.065												
2962	23.5	13.0	18.5	58	10.0	.46	$\frac{9}{5.2}$	$\frac{9}{2.5}$	1.38	12.4	4.9	2.5	-	31.8	66.6	39.7	30.1	58.9	36.5	.45	.056	.109												
2971	14.5	3.0	9.0	50	4.5	.50	$\frac{25}{18}$	$\frac{25}{12}$	1.32	33	2.6	13	-	40.1	60.1	60.4	36.2	80.2	23.9	.60	.033	.072												
2976	24.0	12.0	18.0	58.5	10.3	.43	$\frac{16}{14}$	$\frac{16}{5}$	1.19	19	3.7	5	-	26.4	48.4	46.9	22.9	46.2	25.5	.47	.041	.083												
3023	12.0	4.0	8.5	51	5.2	.39	$\frac{60}{50}$	$\frac{60}{10}$	1.2	72	7.0	10	-	28.8	72.5	31.5	28.2	47.0	44.3	.39	.024	.040												
3031	25.0	11.5	18.5	63	13.4	.28	$\frac{2.8}{1.8}$	$\frac{2.8}{1.1}$	1.38	3.9	3.4	1.1	-	56.8	100.0	49.0	58.9	78.4	41.1	.59	.108	.145												
3040	19.0	3.0	11.5	55	7.9	.31	$\frac{13}{7}$	$\frac{13}{3.2}$	1.39	18.1	5.4	3.4	-	42.4	91.9	38.0	43.6	61.7	48.3	.47	.056	.071												
															BEFORE OIL LOG 5 CASE NO. 8475																			
Well Log Analysis Stevens Operating Corp. No. 1 Red Lake Ridge NE/NW, Sec. 21, T-8-S, R-29-E Chaves Co., N. Mex. Feb. 13, 1985 Stevens Operating Corp.																																		

ERNEST L. PADILLA
ATTORNEY AND COUNSELOR AT LAW

First Northern Plaza
P.O. Box 2523
Santa Fe, New Mexico 87501
(505) 9887577

January 8, 1985

TXO Production Corp.
900 Wilco Building
Midland, Texas 79701

Attention: Jeff Bourgeois

Dear Mr. Bourgeois:

I have been requested by Stevens Operating Corporation to represent it in connection with compulsory pooling of the SE/4SW/4 of Section 16, Township 8 South, Range 29 East, N.M.P.M., Chaves County, New Mexico for the drilling of a San Andres test well.

Since you have not reached agreement with Stevens Operating Corporation for the drilling of such well, I have prepared an application to compulsory pool your interest in the drilling of the well. I will cause the application to be advertised and docketed for the Oil Conservation Division's February 13, 1985 hearing date.

Should you decide that you may want to join in the drilling of the well proposed by Stevens Operating Corporation, please contact me or Mr. Don Stevens of Stevens Operating Corporation.

Very truly yours,

E. L. Padilla
Ernest L. Padilla

ELP/dd
cc: Stevens Operating Corporation
Return Receipt Requested
Encl.

P 506 056 900

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to	
TXO Production Corp.	
Street and No.	
900 Wilco Building	
P.O., State and ZIP Code	
Midland, TX 79701	
Postage	\$.20
Certified Fee	.75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	.60
Return Receipt Showing to whom Date and Address of Delivery	
TOTAL Postage and Fees	\$1.55

1985 JAN 8 10 11 AM



● SENDER: Complete items 1, 2, 3, and 4. Add your address in the "RETURN TO" space on reverse.	
(CONSULT POSTMASTER FOR FEES)	
1. The following service is requested (check one).	
☒ Show to whom and date delivered	60¢
☐ Show to whom, date, and address of delivery	—
2. ☐ RESTRICTED DELIVERY (The restricted delivery fee is charged in addition to the return receipt fee.)	
TOTAL \$.60	
3. ARTICLE ADDRESSED TO: Jeff Bourgeois TXO Production Corp 900 Wilco Bldg. Midland, TX 79701	
4. TYPE OF SERVICE:	ARTICLE NUMBER
☐ REGISTERED ☐ INSURED	P506 056 900
☒ CERTIFIED ☐ COD	
☐ EXPRESS MAIL	
(Always obtain signature of addressee or agent)	
I have received the article described above.	
SIGNATURE ☐ Addressee ☐ Authorized agent	
<i>B. Cune</i>	
5. DATE OF DELIVERY	POSTMARK
6. ADDRESSEE'S ADDRESS (Only if requested)	
7. UNABLE TO DELIVER REASON:	7A. EMPLOYEE'S INITIALS

ERNEST L. PADILLA
ATTORNEY AND COUNSELOR AT LAW

P.O. Box 2523
Santa Fe, New Mexico 87501
(505) 988-7577

January 22, 1985

TXO Production Corporation
900 Wilco Building
Midland, Texas 79701

Attention: Jeff Bourgeois

Re: SE/4SW/4, Section 16,
Township 8 South, Range 29 East,
Chaves County, New Mexico.

Dear Mr. Bourgeois:

By letter dated January 8, 1985, I forwarded to you a proposed application which I had prepared on behalf of Stevens Operating Corporation concerning the above referenced lands.

This letter is to inform you that on this date such application has been filed with the Oil Conservation Division and will be set for hearing on February 13, 1985.

Very truly yours,

Ernest L. Padilla

Ernest L. Padilla

ELP/dd
cc: Stevens Operating Corporation
Cert/R/R

P 506 056 902

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED -
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to	Jeff Bourgeois
TXO Production Corp.	
900 Wilco Building	
Midland, TX 79701	
Postage	\$.20
Certified Fee	.75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	.60
Return Receipt Showing to whom Date and Address of Delivery	
TOTAL Postage and Fees	\$ 1.55
Postmark or Date	

● SENDER: Complete items 1, 2, 3, and 4. Add your address in the "RETURN TO" space on reverse.	
(CONSULT POSTMASTER FOR FEES)	
1. The following service is requested (check one). ☒ Show to whom and date delivered 60c ☐ Show to whom, date, and address of delivery.. ..	
2. ☐ RESTRICTED DELIVERY (The restricted delivery fee is charged in addition to the return receipt fee.)	
TOTAL \$ 60	
3. ARTICLE ADDRESSED TO: Jeff Bourgeois TXO Production Corp. 900 Wilco Building Midland, TX 79701	
4. TYPE OF SERVICE: ☐ REGISTERED ☐ INSURED ☒ CERTIFIED ☐ COG ☐ EXPRESS MAIL	ARTICLE NUMBER P506 056 902
(Always obtain signature of addressee or agent)	
I have received the article described above. SIGNATURE ☐ Addressee ☐ Authorized agent <i>Ernest L. Padilla</i>	
5. DATE OF DELIVERY	POSTMARK JAN 23 1985
6. ADDRESSEE'S ADDRESS (Only if requested)	
7. UNABLE TO DELIVER BECAUSE:	7L EMPLOYEE'S INITIALS