

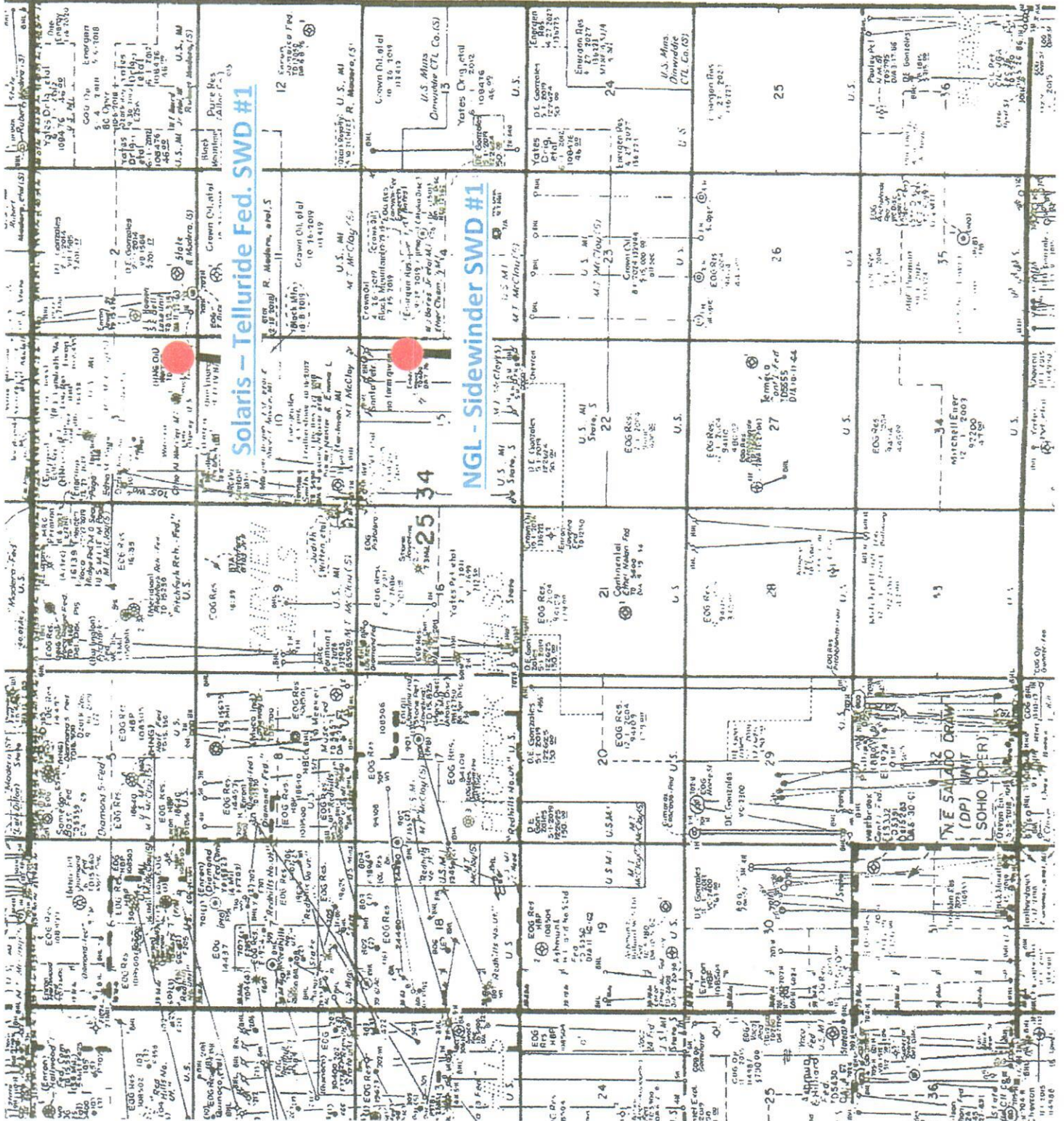
EXHIBIT

3

T 25 S

Solaris - Telluride Fed. SWD #1

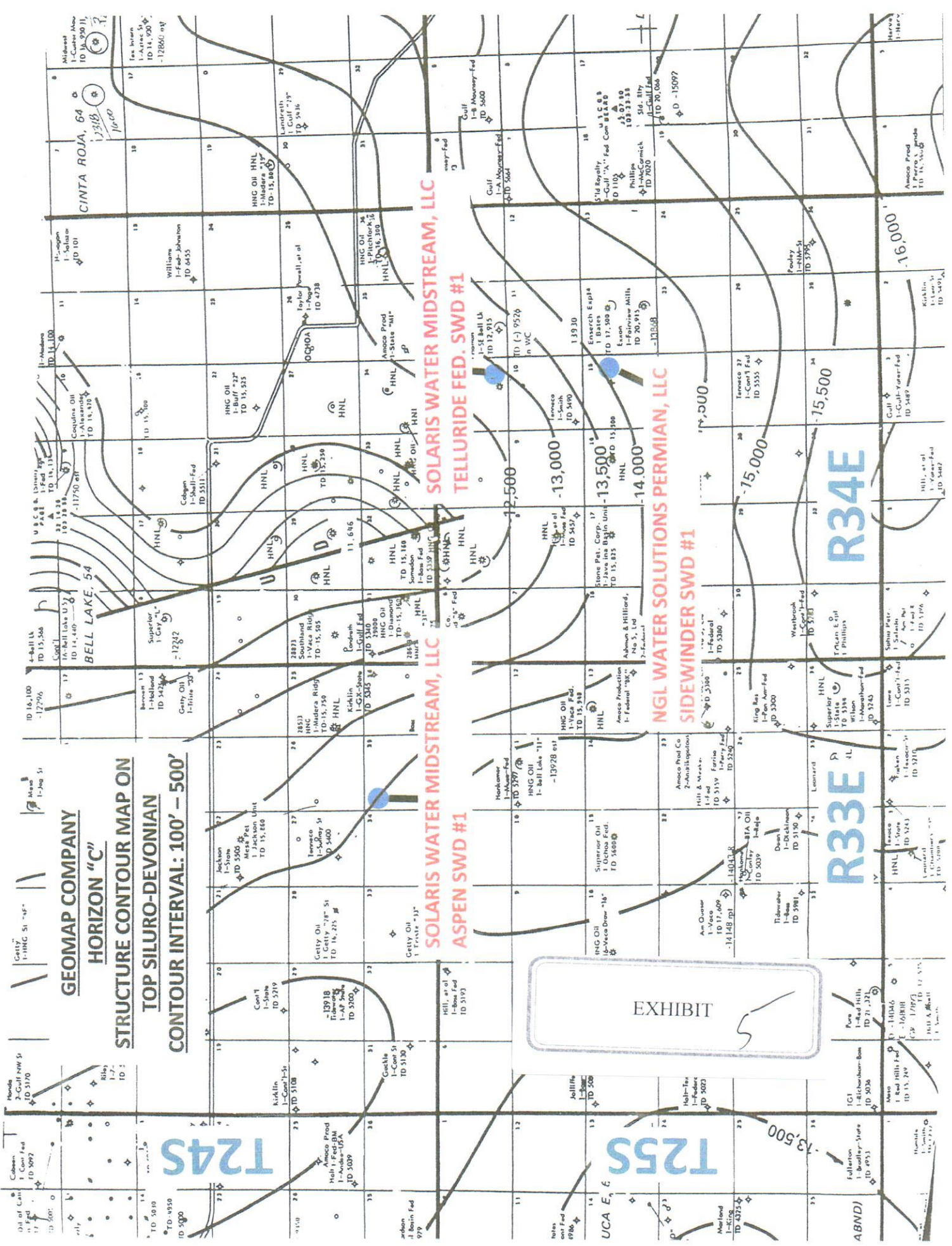
NGL - Sidewinder SWD #1



GENERALIZED SECTION - DELAWARE BASIN

QUATERNARY			
TRIASSIC		DOCKUM	
PERMIAN	OCHOA	DEWEY LAKE	
		RUSTLER	
		SALADO	
		CASTILE	
	GUADALUPE	DELAWARE MOUNTAIN GROUP	
		BELL CANYON	
		CHERRY CANYON	
	LEONARD	BRUSHY CANYON	
		BONE SPRING	
			WOLFCAMP
PENNSYLVANIAN	CISCO CANYON SYSTEM		
	ATOKA		
	MORROW		
MISSISSIPPIAN	BARNETT		
	MISSISSIPPIAN LS.		
DEVONIAN	WOODFORD		
SILURO-DEVONIAN			
SILURIAN	FUSSELMAN		
ORDOVICIAN	MONTOKA		
	SIMPSON		
	ELLENBURGER		
PRE-CAMBRIAN			

4
EXHIBIT



GEOMAP COMPANY

HORIZON "C"

STRUCTURE CONTOUR MAP ON

TOP SILURO-DEVONIAN

CONTOUR INTERVAL: 100' - 500'

EXHIBIT

SOLARIS WATER MIDSTREAM, LLC
ASPEN SWD #1

SOLARIS WATER MIDSTREAM, LLC
TELLURIDE FED. SWD #1

NGL WATER SOLUTIONS PERMIAN, LLC
SIDEWINDER SWD #1

CINTA ROJA, 64

BELL LAKE, 54

R34E

R33E

T25S

T24S

UCA E, E

ABWD

ROSWELL GEOLOGICAL SOCIETY SYMPOSIUM

Author: W. R. Green
Affiliation: Shell Oil Company
Date: May, 1966

Field Name: Antelope Ridge - Devonian
Location: Secs. 27, 28, 33, 34, T-23-S, R-34-E
County & State: Secs. 3, 4, T-24-S, R-34-E
Lea County, New Mexico

Discovery Well: Shell No. 1 Harris Federal, SE/4 SW/4 Section 27, T-23-S, R-34-E
Completed August 9, 1962
Initial Potential: 41 MMCFD + 60 B. condensate CAOF; GLR 43,041, 56° API

Exploration Method Leading to Discovery:

Reflection seismic work.

Pay Zone:

Formation Name: Silurian-Fusselman Depth & Datum Discovery Well: 14,654 (-11,179) feet
Lithology Description: Dolomite, white to light gray, fine succrosic and fine to coarse crystalline, vugular and intercrystalline porosity and dolomitic limestone, white to light gray, extremely fine crystalline to lithographic.

Approximate average pay: 1600' gross 127' net Productive Area 3840 acres

Type Trap: Faulted anticline

EXHIBIT

Reservoir Data:

5.5 % Porosity, 4.5 Md Permeability, 33 % Sw, 67 % So
Oil: 62° API, clear, sour
Gas: GOR 50,000, gravity 0.66, sour
Water: 23,381 Na+K, Ca, 130 Mg, 41,700 Cl, 1050 SO₄, 570 CO₂, or HCO₃, Fe ppm
Specific Gravity 1.064 Resistivity 0.084 ohms @ 80 °F
Initial Field Pressure: 6375 psi @ -11,000 datum Reservoir Temp. 217 °F
Type of Drive:

Gas depletion

Normal Completion Practices:

Set casing through pay. Perforate selectively. Acidize with 5000 gallons.

Type completion: Flowing Normal Well Spacing 640 Acres

Deepest Horizon Penetrated & Depth:

Pre-Cambrian granite, 17,895 feet, in Shell Antelope Ridge Unit No. 2

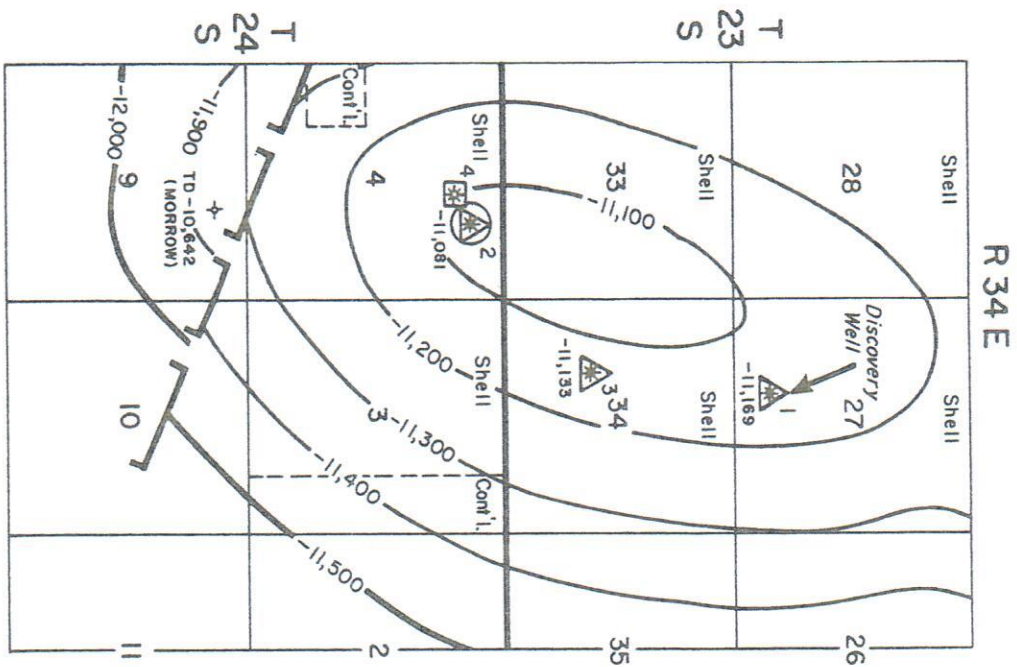
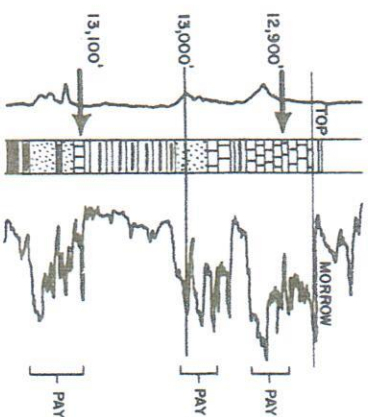
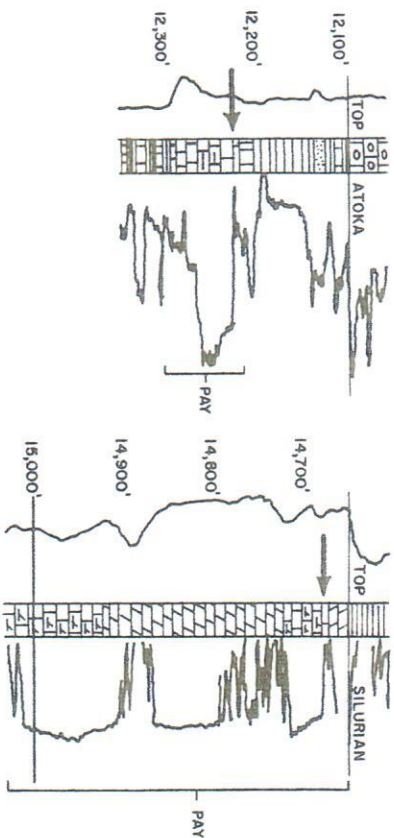
Other Producing Formations in Field:

Atoka, Morrow

Production Data:

YEAR	TYPE	No. of wells @ yr. end		PRODUCTION OIL IN BARRELS GAS IN MMCF		YEAR	TYPE	No. of wells @ yr. end		PRODUCTION OIL IN BARRELS GAS IN MMCF	
		Prod.	S.I. or Abd.	ANNUAL	CUMULATIVE			Prod.	S.I. or Abd.	ANNUAL	CUMULATIVE
1962	OIL			1,066	1,066		OIL				
	GAS	1		17	17		GAS				
1963	OIL			572	1,638		OIL				
	GAS	1	1	42	59		GAS				
1964	OIL			30,222	31,860		OIL				
	GAS	1	2	1,310	1,369		GAS				
1965	OIL			167,474	199,334		OIL				
	GAS	3		7,071	8,440		GAS				

TYPE LOG
AVERAGE ELEVATION 3510'
SCALE 1" = 200'



- LEGEND
- ATOKA PRODUCER
 - MORROW PRODUCER
 - △ SILURIAN PRODUCER

ANTELOPE RIDGE FIELD
LEA COUNTY, NEW MEXICO
STRUCTURAL CONTOURS ON
TOP OF SILURIAN

SCALE IN MILES

W. R. GREEN

AUGUST, 1966

Antelope Ridge Devonian Field

T23S-R34E - T24S-R34E

Lea County, New Mexico

Yearly Production Detail --- 1970 Thru 2017

Year	Gas Produced	Gas Cumulative	Oil Produced	Oil Cumulative	Water Produced	Water Cumulative	Num Flow Wells	Num Other Wells	Gas Daily Avg.	Oil Daily Avg.	Gas Yearly Decline	Oil Yearly Decline
1970	1088716	22534026	25058	505891	0	0	2	0	2982.78	68.65		
1971	1080630	23614656	19690	525581	0	0	2	0	2960.63	53.95	0.7%	21.4%
1972	753011	24367667	9668	535249	3644	3644	2	0	2063.04	26.49	30.3%	50.9%
1973	730898	25098565	8768	544017	0	3644	2	0	2002.46	24.02	2.9%	9.3%
1974	804331	25902896	12947	556964	50793	54437	2	0	2203.65	35.47		
...												
1984	140855	30748205	3354	623402	8779	592711	2	0	385.90	9.19	65.8%	12.6%
1985	134129	30882334	993	624395	3003	595714	2	0	367.48	2.72	4.8%	70.4%
1986	440255	31322589	9146	633541	61873	657587	3	0	1206.18	25.06		
1987	1271877	32594466	22543	656084	112295	769882	3	0	3484.59	61.76		
1988	809341	33403807	18420	674504	133429	903311	3	0	2217.37	50.47	36.4%	18.3%
1989	789380	34193187	16973	691477	212784	1116095	3	0	2162.68	46.50	2.5%	7.9%
1990	850114	35043301	14345	705822	191420	1307515	3	0	2329.08	39.30		15.5%
1991	598283	35641584	7894	713716	111579	1419094	3	0	1639.13	21.63	29.6%	45.0%
1992	481995	36123579	6502	720218	102982	1522076	3	0	1320.53	17.81	19.4%	17.6%
1993	599763	36723342	8767	728985	171758	1693834	3	0	1643.19	24.02		
1994	430793	37154135	7549	736534	153732	1847566	3	0	1180.25	20.68	28.2%	13.9%
1995	149903	37304038	3678	740212	90807	1938373	3	0	410.69	10.08	65.2%	51.3%
1996	149918	37453956	1897	742109	99590	2037963	3	0	410.73	5.20		48.4%
1997	227694	37681650	2217	744326	56909	2094872	2	0	623.82	6.07		
1998	419458	38101108	1299	745625	40507	2135379	2	0	1149.20	3.56		41.4%
1999	358808	38459916	1138	746763	40938	2176317	2	0	983.04	3.12	14.5%	12.4%
2000	180155	38640071	1443	748206	39241	2215558	1	0	493.58	3.95	49.8%	
2001	107617	38747688	907	749113	37879	2253437	1	0	294.84	2.48	40.3%	37.1%
2002	87192	38834880	901	750014	32121	2285558	1	0	238.88	2.47	19.0%	0.7%
2003	88163	38923043	1212	751226	46929	2332487	1	0	241.54	3.32		
2004	99583	39022626	12896	764122	40301	2372788	2	0	272.83	35.33		
2005	228912	39251538	79678	843800	123764	2496552	2	0	627.16	218.30		
2006	79245	39330783	22903	866703	173666	2670218	1	0	217.11	62.75	65.4%	71.3%
2007	117199	39447982	31268	897971	446015	3116233	1	0	321.09	85.67		
2008	100061	39548043	24481	922452	639439	3755672	1	0	274.14	67.07	14.6%	21.7%
2009	82076	39630119	22793	945245	583649	4339321	1	0	224.87	62.45	18.0%	6.9%
2010	74118	39704237	19569	964814	515135	4854456	1	0	203.06	53.61	9.7%	14.1%
2011	42650	39746887	10549	975363	305526	5159982	1	0	116.85	28.90	42.5%	46.1%
2012	53697	39800584	12935	988298	418756	5578738	1	0	147.12	35.44		
2013	51354	39851938	12103	1000401	458441	6037179	1	0	140.70	33.16	4.4%	6.4%
2014	47884	39899822	12806	1013207	457094	6494273	1	0	131.19	35.08	6.8%	
2015	15487	39915309	4098	1017305	157764	6652037	1	0	42.43	11.23	67.7%	68.0%
2016	485	39915794	1	1017306	973	6653010	1	0	1.33	0.00	96.9%	100.0%
2017	1	39915795	0	1017306	0	6653010	1	0	0.00	0.00	99.8%	100.0%

Last 12 Months Production Detail

Date	Gas Produced	Gas Cumulative	Oil Produced	Oil Cumulative	Water Produced	Water Cumulative	Num Flow Wells	Num Other Wells	Gas Daily Avg.	Oil Daily Avg.
2016/11	0	39915794	0	1017306	0	6653010	1	0	0.00	0.00
2016/12	0	39915794	0	1017306	0	6653010	1	0	0.00	0.00
2017/01	0	39915794	0	1017306	0	6653010	1	0	0.00	0.00
2017/02	0	39915794	0	1017306	0	6653010	1	0	0.00	0.00
2017/03	0	39915794	0	1017306	0	6653010	1	0	0.00	0.00
2017/04	0	39915794	0	1017306	0	6653010	1	0	0.00	0.00
2017/05	0	39915794	0	1017306	0	6653010	1	0	0.00	0.00
2017/06	0	39915794	0	1017306	0	6653010	1	0	0.00	0.00
2017/07	0	39915794	0	1017306	0	6653010	1	0	0.00	0.00
2017/08	0	39915794	0	1017306	0	6653010	1	0	0.00	0.00
2017/09	0	39915794	0	1017306	0	6653010	1	0	0.00	0.00
2017/10	1	39915795	0	1017306	0	6653010	1	0	0.03	0.00

No well tests available

EXHIBIT

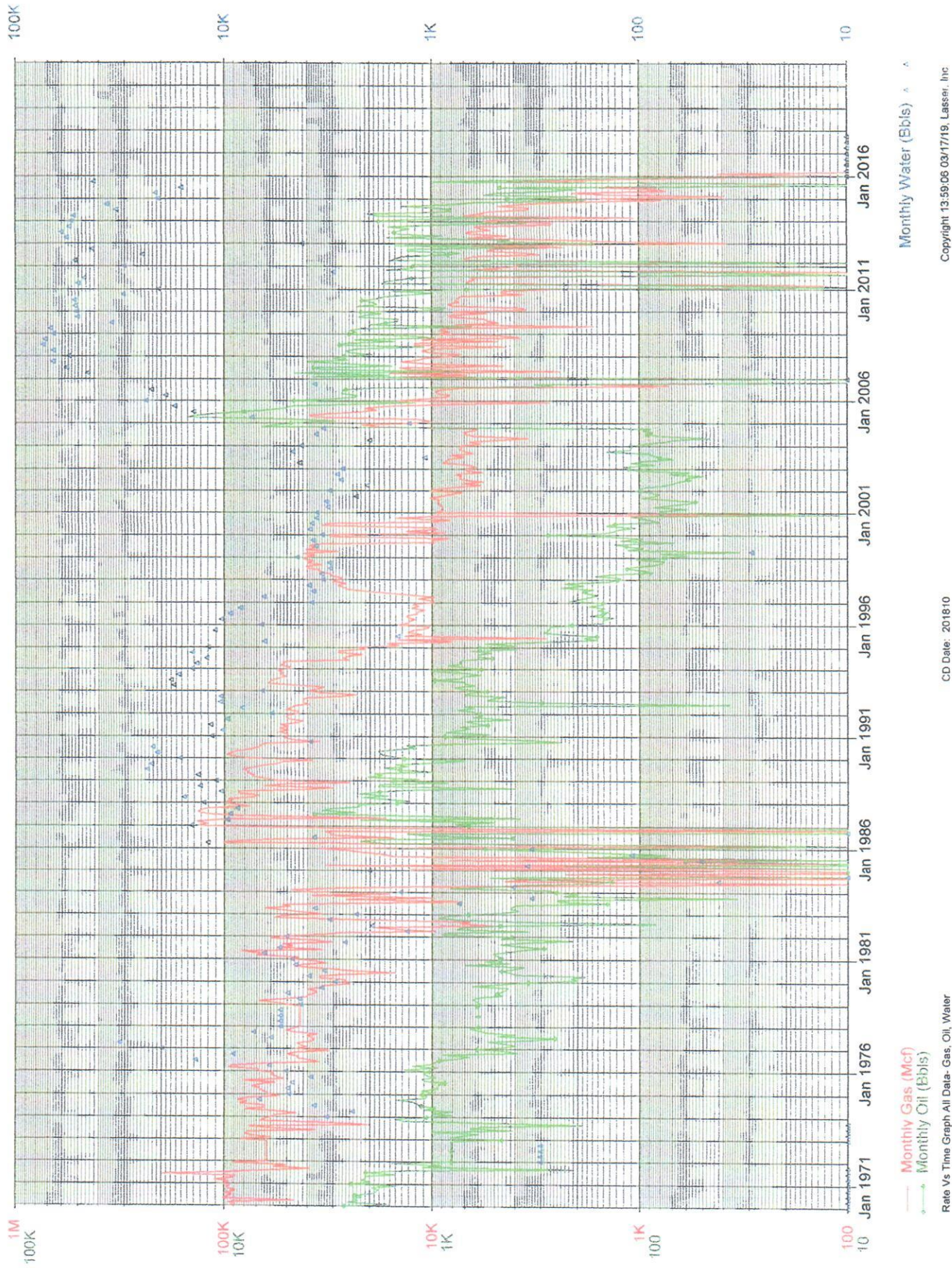
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Antelope Ridge Devonian Field

T23S-R34E - T24S-R34E

Lea County, New Mexico

County, State: Summary,
Status and Date: 0
District: Phase:
Gas Cum: 39915795, Oil Cum: 1017306
Water Cum: 6653010



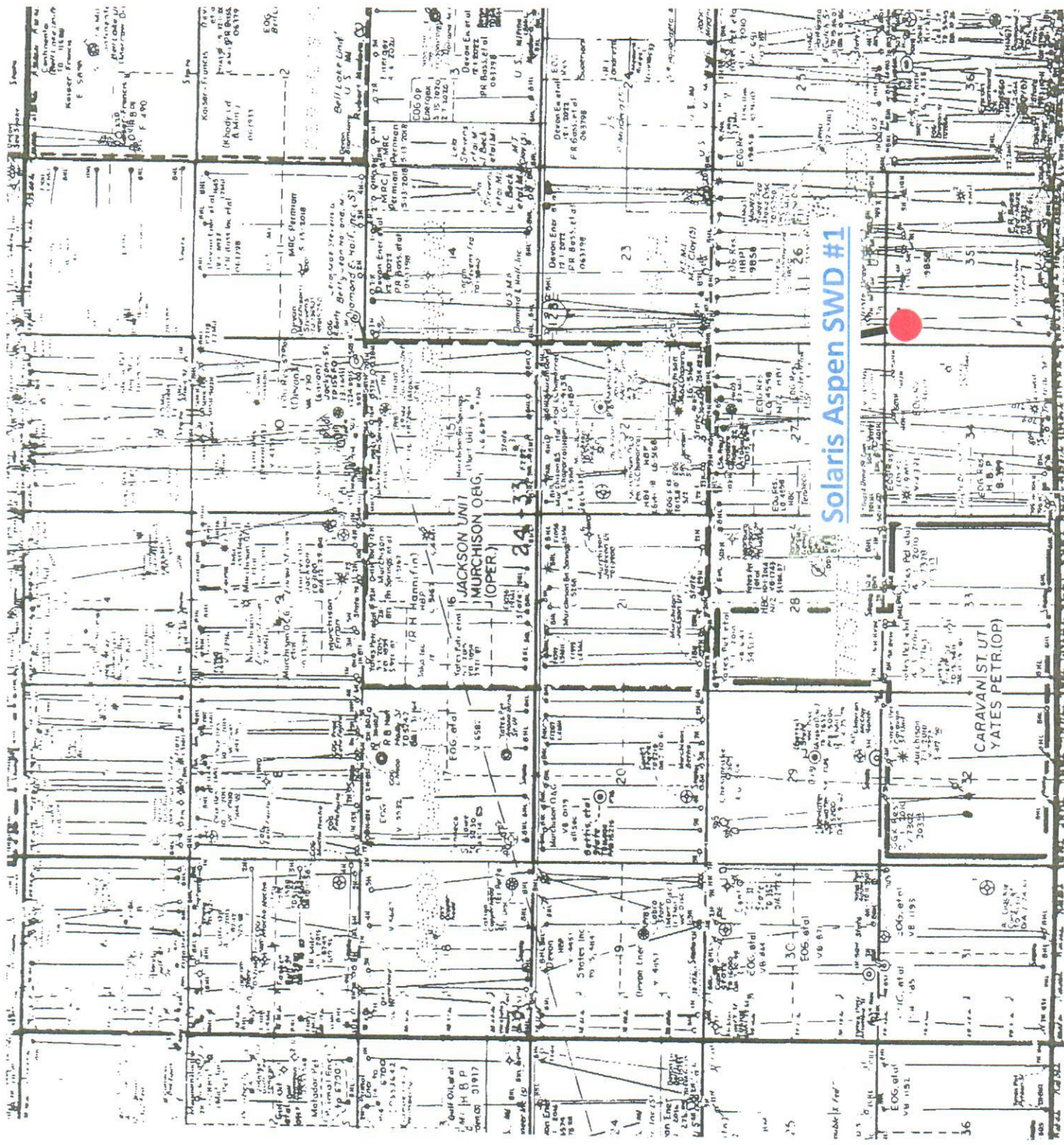


EXHIBIT 8