Densilog

FILE NO.

COMPANY AMOCO PRODUCTION COMPANY

WELL STATE "EK" WELL NO. 4

FIELD DOUBLE "L" QUEEN

COUNTY CHAVES STATE NEW MEXICO

LOCATION:
1650' FNL & 990' FWL

SEC 25 TWP 14-S RGE 29-E

Other Services
NONE

Permanent Datum G.L. Elev. 3813'
Log Measured from K.B. 12 Ft. Above Permanent Datum
Drilling Measured from K.B.

Elevations:
KB 3825
DF 3824'
GL 3813'

Date	4-22-71			
Run No.	ONE			
Depth—Driller	1932			
Depth—Logger	1942			
Bottom Logged Interval	1940			
Top Logged Interval	SURFACE			
Casing—Driller	8 5/8 @ 361	@	@	@
Casing—Logger	362			
Bit Size	7 7/8			
Type Fluid in Hole	SALT - GEL			
Density and Viscosity	9.9 / 35			
pH and Fluid Loss	– / 10.0 cc	cc	cc	cc
Source of Sample	FLOWLINE			
Rm @ Meas. Temp.	.04 @ 80 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	.04 @ 80 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	– @ – °F	@ °F	@ °F	@ °F
Source of Rmf and Rmc	M / –			
Rm @ BHT	.36 @ 85 °F	@ °F	@ °F	@ °F
Time Since Circ.	2 HR			
Max. Rec. Temp. Deg. F.	85 °F	°F	°F	°F
Equip. No. and Location	6040 / Hobbs			
Recorded By	HOWE			
Witnessed By	MR CRAVENS			

FIELD PRINT

RETURN TO PROD. DEPT. ROOM 316

Dresser Atlas

COMPENSATED

Densilog

FILE NO.

COMPANY PAN AMERICAN PETROLEUM CORPORATION

WELL LUSK "A" NO. 1

FIELD DOUBLE L QUEEN

COUNTY CHAVES STATE NEW MEXICO

LOCATION:

330' FNL & 2310' FEL

SEC 6 TWP 15-S RGE 30-E

Other Services

Permanent Datum G.L. Elev. 3889'

Log Measured from D.F. 1 Ft. Above Permanent Datum

Drilling Measured from G.L.

Elevations:

KB

DF 3890'

GL 3889'

Date	4-20-70			
Run No.	ONE			
Depth—Driller	2021			
Depth—Logger	2017			
Bottom Logged Interval	2015			
Top Logged Interval	SURF			
Casing—Driller	8 5/8@364	@	@	@
Casing—Logger	365			
Bit Size	8"			
Type Fluid in Hole	OIL			
Density and Viscosity				
pH and Fluid Loss	cc	cc	cc	cc
Source of Sample				
Rm @ Meas. Temp.	@ °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	@ °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	@ °F	@ °F	@ °F	@ °F
Source of Rmf and Rmc				
Rm @ BHT	@ °F	@ °F	@ °F	@ °F
Time Since Circ.				
Max. Rec. Temp. Deg. F.	°F	°F	°F	°F
Equip. No. and Location	6040 HOBBS			
Recorded By	HOWE			
Witnessed By	MR. LANDI-MR. GRAVENS			

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SCHLUMBERGER

Gamma Gamma

COUNTY CHAVES
FIELD or LOCATION DOUBLE "L" QUEEN
WELL LUSK "A" #2
COMPANY PAN AMERICAN

COMPANY PAN AMERICAN PETROLEUM CORPORATION

WELL LUSK "A" #2

FIELD DOUBLE "L" QUEEN

COUNTY CHAVES STATE NEW MEXICO

Location: 1660' FNL & 2310' FEL

Sec. 6 Twp. 15-S Rge. 30-E

Other Services: NONE

Permanent Datum: D. F. ; Elev.: 3885
Log Measured From D. F. , Ft. Above Perm. Datum
Drilling Measured From D. F.

Elev.: K.B. --
D.F. 3887
G.L. 3885

Date	5-13-70		
Run No.	ONE		
Type Log	GAMMA-GAMMA		
Depth—Driller	2025		
Depth—Logger	2015		
Bottom logged interval	2014		
Top logged interval	0		
Type fluid in hole	OIL		
Salinity, PPM Cl.	--		
Density	--		
Level	1800 (APPROX)		
Max rec. temp., deg F.	--		
Operating rig time	2 HOURS		
Recorded by	BIRKHEAD		
Witnessed by	CRAVENS-LANDI		

RUN	BORE-HOLE RECORD			CASING RECORD			
No.	Bit	From	To	Size	Wgt.	From	To
ONE	8	CSG	TD	85/8		SURF	381

DresserAtlas

COMPENSATED

Densilog

FILE NO.

COMPANY PAN AMERICAN PETROLEUM CORPORATION

WELL LUSK "A" NO. 3

FIELD DOUBLE "L" QUEEN

COUNTY CHAVES STATE NEW MEXICO

LOCATION:

330' FNL & 989.3' FEL

SEC 6 TWP 15-S RGE 30-E

Other Services

Permanent Datum G.L. Elev. 3895'

Log Measured from K.B. 11 Ft. Above Permanent Datum

Drilling Measured from K.B.

Elevations: KB 3906' DF 3905' GL 3895'

Date	7-6-70			
Run No.	ONE			
Depth—Driller	2048			
Depth—Logger	2040			
Bottom Logged Interval	2038			
Top Logged Interval	SURF			
Casing—Driller	8 5/8 @ 358	@	@	@
Casing—Logger	358			
Bit Size	7 7/8			
Type Fluid in Hole	SALT BASE MUD			
Density and Viscosity	10.1 37			
pH and Fluid Loss	- cc	cc	cc	cc
Source of Sample	PIT			
Rm @ Meas. Temp.	.040 @ 80 F	@ F	@ F	@ F
Rmf @ Meas. Temp.	.040 @ 80 F	@ F	@ F	@ F
Rmc @ Meas. Temp.	- @ F	@ F	@ F	@ F
Source of Rmf and Rmc	MEASURED			
Rm @ BHT	.035 @ 90 F	@ F	@ F	@ F
Time Since Circ.	2 HRS.			
Max. Rec. Temp. Deg. F.	90 F	F	F	F
Equip. No. and Location	6040 HOBBS			
Recorded By	HOWE			
Witnessed By	MR. LANDI-MR. CRAVENS			

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Densilog

FILE NO.

COMPANY AMOCO PRODUCTION COMPANY

WELL FALGOUT "A" FEDERAL NO. 1

FIELD DOUBLE "L" QUEEN

COUNTY CHAVES STATE NEW MEXICO

LOCATION: 990' FSL & 330' FEL

SEC 23 TWP 14-S RGE 29-E

Other Services: NONE

Permanent Datum G.L. Elev. 3796'

Log Measured from K.B. 10' Ft. Above Permanent Datum

Drilling Measured from K.B.

Elevations: KB 3806' DF - GL 3796'

Date	3-15-71			
Run No.	ONE			
Depth—Driller	1921			
Depth—Logger	1926			
Bottom Logged Interval	1924			
Top Logged Interval	SURFACE			
Casing—Driller	8 5/8 @ 342	@	@	@
Casing—Logger	343			
Bit Size	7 7/8			
Type Fluid in Hole	SALT GEL			
	-			
Density and Viscosity	10.0 / 41			
pH and Fluid Loss	- / 20 cc	cc	cc	cc
Source of Sample	Pit			
Rm @ Meas. Temp.	.048 @ 74 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	.048 @ 74 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	- @ - °F	@ °F	@ °F	@ °F
Source of Rmf and Rmc	M -			
Rm @ BHT	.038 @ 91 °F	@ °F	@ °F	@ °F
Time Since Circ.	3 HR			
Max. Rec. Temp. Deg. F.	91 °F	°F	°F	°F
Equip. No. and Location	6040 Hobbs			
Recorded By	HOWE			
Witnessed By	MR. CRAVENS			

RETURN TO PROD. ROOM 346

THE WESTERN COMPANY
Gammatron

FILING NO. 116941-H

COMPANY DALPORT OIL COMPANY

WELL AMERADA FEDERAL #1

FIELD WILDCAT

COUNTY CHAVES STATE NEW MEXICO

LOCATION: 660' FSL 1980' FEL

SEC. 19 TWP. 13-S RGE. 30-E

OTHER SERVICES:

PERMANENT DATUM: GROUND LEVEL ELEV. 3814

LOG MEASURED FROM K.B. 10 FT. ABOVE PERM. DATUM

DRILLING MEASURED FROM K.B.

ELEV.: K.B. 3824

D.F.

G.L. 3814

DATE	11-13-69	11-13-69	
RUN NO.	ONE	ONE	
TYPE LOG	GAMMA RAY	NEUTRON	
DEPTH-DRILLER	1904	1904	
DEPTH-LOGGER	1905	1905	
BOTTOM LOGGED INTERVAL	1896	1905.5	
TOP LOGGED INTERVAL	SURFACE	SURFACE	
TYPE FLUID IN HOLE	WATER	WATER	
SALINITY, PPM CL.			
DENSITY			
LEVEL	284'		
MAX. REC. TEMP., DEG F.			
OPERATING RIG TIME			
RECORDED BY	FROST		
WITNESSED BY	MR. LAMPERT		

RUN NO.	BORE-HOLE RECORD			CASING RECORD			
	BIT	FROM	TO	SIZE	WGT.	FROM	TO
				8 5/8		SURFACE	292

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THE WESTERN COMPANY

Gammatron

FILING NO.	
CONFIDENTIAL	COMPANY Dalport Oil Corporation
137060-H	WELL Sunset State #2
	FIELD Double "L"
	COUNTY Chaves STATE New Mexico
	LOCATION: 2310' FSL & 330' FEL — SEC. 12 TWP. 15-S RGE. 29-E
	OTHER SERVICES:

PERMANENT DATUM: ground level, ELEV. 3895
LOG MEASURED FROM 10 FT. ABOVE PERM. DATUM
DRILLING MEASURED FROM KB

ELEV.: K.B. 3905
D.F.
G.L. 3895

DATE	12-13-70	12-13--70	
RUN NO.	One	One	
TYPE LOG	Gamma Ray	Neutron	
DEPTH—DRILLER	2027	2027	
DEPTH—LOGGER	2021	2021	
BOTTOM LOGGED INTERVAL	2012	2019.5	
TOP LOGGED INTERVAL	surface	surface	
TYPE FLUID IN HOLE	water	water	
SALINITY, PPM CL.			
DENSITY			
LEVEL	full	full	
MAX. REC. TEMP., DEG F.			
EQUIPMENT NO. RIG TIME	2 hours		
RECORDED BY	Wallace		
WITNESSED BY	Mr. Lamport		

BIT NO.	CORE-HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT.	FROM	TO
				8 5/8	20	surface	338
				5½	14.5	surface	2059

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WELL WELLSITE GEOLOGY

Gammatron

FILING NO. 46935-H

COMPANY DALPORT OIL CORPORATION

WELL SPURCK ST. #2

FIELD WILDCAT

COUNTY CHAVES STATE NEW MEXICO

LOCATION: 1980' FNL & 660' FEL

SEC. 36 TWP. 11S RGE. 29E

OTHER SERVICES: 3865

PERMANENT DATUM: GROUND LEVEL, ELEV. 3849 EST

LOG MEASURED FROM 10 FT. ABOVE PERM. DATUM

DRILLING MEASURED FROM

ELEV.: K.B. 3859 D.F. 3855 G.L. 3849-EST

DATE	4-10-69	4-10-69	
RUN NO.	ONE	ONE	
TYPE LOG	GAMMA RAY	NEUTRON	
DEPTH—DRILLER	1965	1965	
DEPTH—LOGGER	1956.5	1956.5	
BOTTOM LOGGED INTERVAL	1947.5	1955	
TOP LOGGED INTERVAL	SURFACE	SURFACE	
TYPE FLUID IN HOLE	WATER	WATER	
SALINITY, PPM CL.			
DENSITY			
LEVEL	140'		
MAX. REC. TEMP., DEG F.			
OPERATING RIG TIME	2 HOURS		
RECORDED BY	CORGILL		
WITNESSED BY	MR. LAMPERT		

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RUN NO.	BORE-HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT.	FROM	TO
				8 5/8		SURFACE	330

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Gammatron

FILING NO.

COMPANY DALPORT OIL CORPORATION

WELL SPURCK (STATE) # 3

FIELD UNDESIGNATED QUEEN

COUNTY CHAVES STATE NEW MEXICO

LOCATION: 1980' FS & 660' FEL

SEC. 36 TWP. 14S RGE. 29E

OTHER SERVICES:

PERMANENT DATUM: GROUND LEVEL, ELEV. 3859

LOG MEASURED FROM 10 FT. ABOVE PERM. DATUM

DRILLING MEASURED FROM

ELEV.: K.B. 3869 3860

D.F.

G.L. 3859 3850

DATE	3 / 5 / 69	7 / 5 / 69	
RUN NO.	One	One	
TYPE LOG	Gamma Ray	Neutron	
DEPTH—DRILLER	2000	2000	
DEPTH—LOGGER	1966	1966	
BOTTOM LOGGED INTERVAL	1956.5	1964.5	
TOP LOGGED INTERVAL	CO	CO	
TYPE FLUID IN HOLE	Water	Water	
SALINITY, PPM CL.			
DENSITY			
LEVEL	200	200	
MAX. REC. TEMP., DEG F.			
OPERATING RIG TIME	2 hrs	2hrs	
RECORDED BY	Corgill	Corgill	
WITNESSED BY	Mr. Lambert	Mr. Lambert	

RUN NO.	BORE-HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT.	FROM	TO
				5½	14	Surf	T.D.

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FILING NO. 76928-H

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COMPANY Dalport Oil Corporation

WELL Spurck State #4

FIELD Undesignated

COUNTY Chaves STATE New Mexico

LOCATION: 1980'FNL 1980'FEL

SEC 36 TWP. 14-S RGE. 29-E

OTHER SERVICES:

PERMANENT DATUM: Ground Level, ELEV. 3847

LOG MEASURED FROM _____ FT. ABOVE PERM. DATUM

DRILLING MEASURED FROM _____

ELEV.: K.B. 3857 3858

D.F. _____

G.L. 3847 3846

DATE	7-8-69	7-8-69	
RUN NO.	One-NW	One-NW	
TYPE LOG	Gamma Ray	Neutron	
DEPTH—DRILLER	1970	1970	
DEPTH—LOGGER	1968.5	1968.5	
BOTTOM LOGGED INTERVAL	1959.5	1967	
TOP LOGGED INTERVAL	Surface	Surface	
TYPE FLUID IN HOLE	Water	Water	
SALINITY, PPM CL.			
DENSITY			
LEVEL	Full	Full	
MAX. REC. TEMP., DEG F.			
OPERATING RIG TIME			
RECORDED BY	Wheatley		
WITNESSED BY	Mr. Leon Lampert		

RUN NO.	BORE-HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT.	FROM	TO
				5½	14	Surface	T.D.
					N/A		

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SCHLUMBERGER

COUNTY CHAVES
FIELD or LOCATION SEMI-WILDCAT
WELL SPURCK STATE #5
COMPANY DALPORT OIL CORP.

COMPANY DALPORT OIL CORPORATION

WELL SPURCK STATE #5

FIELD SEMI-WILDCAT

COUNTY CHAVES STATE NEW MEXICO

Location: 1980' FSL & 1980' FEL, SEC 36, TWP 14S, RGE 29E

Other Services:

Permanent Datum: G.L. ; Elev.: 3844
Log Measured From K.B., 10 Ft. Above Perm. Datum
Drilling Measured From K.B.

Elev.: K.B. 3854
D.F. 3853
G.L. 3844

Date	7-30-69		
Run No.	ONE		
Type Log	FDC-GR		
Depth—Driller	3432		
Depth—Logger	3430		
Bottom logged interval	3429		
Top logged interval	0		
Type fluid in hole	SALT WATER		
Salinity, PPM Cl.	250000		
Density	10.1		
Level	FULL		
Max rec. temp., deg F.	95		
Operating rig time	3 HOURS		
Recorded by	SLADEN		
Witnessed by	LAMPERT		

RUN	BORE-HOLE RECORD			CASING RECORD			
No.	Bit	From	To	Size	Wgt.	From	To
1	7 7/8	313	3430	9 5/8		SURF	313

WESTERN

WELL WESTERN COMPANY
Gammatron

FILING NO.

116918-H

ORIGINAL RECORDING

COMPANY Dalport Oil Corporation

WELL Spurck State #6

FIELD Double "L"

COUNTY Chaves STATE New Mexico

LOCATION:

990' FNL & 1650' FEL

SEC. 36 TWP. 14-S RGE. 29-E

OTHER SERVICES:

PERMANENT DATUM: Ground Level, ELEV. 3842

LOG MEASURED FROM K.B. 10 FT. ABOVE PERM. DATUM

DRILLING MEASURED FROM K.B.

ELEV.: K.B. 3852 3854

D.F.

G.L. 3842 3844

DATE	11-10-69	11-10-69	
RUN NO.	One	One	
TYPE LOG	Gamma Ray	Neutron	
DEPTH-DRILLER	2005	2005	
DEPTH-LOGGER	1966	1966	
BOTTOM LOGGED INTERVAL	1957	1964.5	
TOP LOGGED INTERVAL	0	0	
TYPE FLUID IN HOLE	Water	Water	
SALINITY, PPM CL.			
DENSITY			
LEVEL	Full		
MAX. REC. TEMP., DEG F.			
OPERATING RIG TIME	2 Hours		
RECORDED BY	Ovinga		
WITNESSED BY	Mr. Lampert		

BORE-HOLE RECORD			CASING RECORD			
BIT	FROM	TO	SIZE	WGT.	FROM	TO
			9 5/8	32	Surface	307
			7	17	Surface	T.D.

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THE WESTERN COMPANY

Gammatron

FILING NO.	
116970-H	COMPANY DALPORT OIL CORPORATION
	WELL SPURCK STATE #7
	FIELD DOUBLE "L"
	COUNTY CHAVES STATE NEW MEXICO
	LOCATION: 990' FNL 660' FEL — OTHER SERVICES:
	SEC. 36 TWP. 14-S RGE. 29-E

PERMANENT DATUM: GROUND LEVEL, ELEV. 3840
LOG MEASURED FROM 10 FT. ABOVE PERM. DATUM
DRILLING MEASURED FROM

ELEV.: K.B. 3857
D.F. 3840
G.L.

DATE	11-23-69	11-23-69	
RUN NO.	ONE-NW	ONE-NW	
TYPE LOG	GAMMA RAY	NEUTRON	
DEPTH—DRILLER	1980	1980	
DEPTH—LOGGER	1978	1978	
BOTTOM LOGGED INTERVAL	1969	1976.5	
TOP LOGGED INTERVAL			
TYPE FLUID IN HOLE	WATER	WATER	
SALINITY, PPM CL.			
DENSITY			
LEVEL	FULL		
MAX. REC. TEMP., DEG F.			
OPERATING RIG TIME	PORTABLE		
RECORDED BY	PARR		
WITNESSED BY			

BORE-HOLE RECORD			CASING RECORD			
BIT	FROM	TO	SIZE	WGT.	FROM	TO
			5½		SURFACE	1948

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THE WESTERN COMPANY

Gammatron

FILING NO.	
17057-H	COMPANY Dalport Oil Corporation
	WELL Spurck State #8
	FIELD Double L
	COUNTY Chaves STATE New Mexico

LOCATION:
330' FSL & 330' FEL
SEC. 36 TWP. 14-S RGE. 29-E

OTHER SERVICES:

PERMANENT DATUM: Ground Level ELEV. 3860
LOG MEASURED FROM 10 FT. ABOVE PERM. DATUM
DRILLING MEASURED FROM

ELEV.: K.B. 3870
D.F.
G.L. 3860

DATE	1-17-70	1-17-70	
RUN NO.	One	One	
TYPE LOG	Gamma Ray	Neutron	
DEPTH-DRILLER	1980	1980	
DEPTH-LOGGER	1971	1971	
BOTTOM LOGGED INTERVAL	1962	1969.5	
TOP LOGGED INTERVAL	Surface	Surface	
TYPE FLUID IN HOLE			
SALINITY, PPM CL.			
DENSITY			
LEVEL			
MAX. REC. TEMP., DEG F.			
OPERATING RIG TIME			
RECORDED BY	Owings		
WITNESSED BY	Mr. Lampert		

LOG
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RUN NO.	BORE-HOLE RECORD			CASING RECORD			
	BIT	FROM	TO	SIZE	WGT.	FROM	TO
				5½	15	Surface	T.D.
				8 5/8	20	Surface	325

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THE WESTERN COMPANY
Gammatron

FILING NO. 37033-H

COMPANY Dalport Oil Corporation

WELL Spurck State #9

FIELD Double "L"

COUNTY Chaves STATE New Mexico

LOCATION:

SEC. 36 TWP. 14-S RGE. 29-E

OTHER SERVICES:

PERMANENT DATUM: Ground Level, ELEV. N/A

LOG MEASURED FROM 8 FT. ABOVE PERM. DATUM

DRILLING MEASURED FROM

ELEV.: K.B. 2838

D.F.

G.L. 2830

DATE	3-12-70	3-12-70	
RUN NO.	One	One	
TYPE LOG	Gamma Ray	Neutron	
DEPTH—DRILLER	1985	1985	
DEPTH—LOGGER	1984	1984	
BOTTOM LOGGED INTERVAL	1975	1982.5	
TOP LOGGED INTERVAL	Surface	Surface	
TYPE FLUID IN HOLE	Water	Water	
SALINITY, PPM CL.			
DENSITY			
LEVEL	Full		
MAX. REC. TEMP., DEG F.			
OPERATING RIG TIME			
RECORDED BY	Wallace		
WITNESSED BY	Mr. Leon Lappert		

BORE-HOLE RECORD			CASING RECORD			
BIT	FROM	TO	SIZE	WGT.	FROM	TO
			8 5/8		Surface	325
11	Surface	325	5½		Surface	2020
7 7/8	325	2020				

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Gammatron

FILING NO. 97012-H

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COMPANY Dalport Oil Corporation

WELL Spurck State #10

FIELD Double L

COUNTY Chaves STATE New Mexico

LOCATION: 330' FSL & 1980' FEL

SEC. 25 TWP. 14S RGE. 29E

OTHER SERVICES:

PERMANENT DATUM: Ground Level, ELEV. 3837

LOG MEASURED FROM 10 FT. ABOVE PERM. DATUM

DRILLING MEASURED FROM

ELEV.: K.B. 3847

D.F.

G.L. 3837

DATE	9-11-70	9-11-70	
RUN NO.	One	One	
TYPE LOG	Gamma Ray	Neutron	
DEPTH—DRILLER	1970	1970	
DEPTH—LOGGER	1963.5	1963.5	
BOTTOM LOGGED INTERVAL	1954.5	1962	
TOP LOGGED INTERVAL	Surface	Surface	
TYPE FLUID IN HOLE	Water	Water	
SALINITY, PPM CL.			
DENSITY			
LEVEL			
MAX. REC. TEMP., DEG F.			
OPERATING RIG TIME	Portable Hoist		
RECORDED BY	Motley		
WITNESSED BY	Mr. Lamperts		

RUN NO.	BORE-HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT.	FROM	TO
				8 5/8	20	Surface	324
				5½	14	Surface	2000
	7 7/8	324	2000				

THE WESTERN COMPANY

Gammatron

FILING NO.

671116H

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COMPANY Dalport Oil Corporation

WELL Spurck State #11

FIELD Double L

COUNTY Chaves STATE New Mexico

LOCATION: 2310' FS & WL

SEC. 25 TWP. 14-S RGE. 29-E

OTHER SERVICES:

PERMANENT DATUM: Ground Level, ELEV. 3819'

LOG MEASURED FROM 10 FT. ABOVE PERM. DATUM

DRILLING MEASURED FROM

ELEV.: K.B. 3829'
D.F.
G.L. 3819'

DATE	6-24-71	6-24-71	
RUN NO.	One	Two	
TYPE LOG	Gamma Ray	Neutron	
DEPTH—DRILLER	1981'	1981'	
DEPTH—LOGGER	1949.5'	1949.5'	
BOTTOM LOGGED INTERVAL	1940.5'	1948'	
TOP LOGGED INTERVAL	0	0	
TYPE FLUID IN HOLE	Water	Water	
SALINITY, PPM CL.			
DENSITY			
LEVEL	Full		
MAX. REC. TEMP., DEG F.			
OPERATING RIG TIME	2 ½ Hours		
RECORDED BY	Tate		
WITNESSED BY	Mr. Lampert		

RUN NO.	BORE-HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT.	FROM	TO
				8-5/8		Surface	296'
				5 1/2		Surface	1981'

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THE WESTERN COMPANY

Gammatron

FILING NO. 7715H

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COMPANY Dalport Oil Corporation

WELL Spurck State #12

FIELD Double L

COUNTY Chaves STATE New Mexico

LOCATION: 1650' FSL & 2310' FEL

SEC. 25 TWP. 14-S RGE. 29-E

OTHER SERVICES:

PERMANENT DATUM: Ground Level ELEV. 3829'

LOG MEASURED FROM 10 FT. ABOVE PERM. DATUM

DRILLING MEASURED FROM

ELEV.: K.B. 3839'
D.F.
G.L. 3829'

DATE	6-28-71	6-28-71	
RUN NO.	One	One	
TYPE LOG	Gamma Ray	Neutron	
DEPTH—DRILLER	1969'	1969'	
DEPTH—LOGGER	1956.5'	1956.5'	
BOTTOM LOGGED INTERVAL	1947.5'	1955'	
TOP LOGGED INTERVAL	Surface	Surface	
TYPE FLUID IN HOLE	Water	Water	
SALINITY, PPM CL.			
DENSITY			
LEVEL	Full		
MAX. REC. TEMP., DEG F.			
OPERATING RIG TIME	1 1/4 Hour		
RECORDED BY	Tate		
WITNESSED BY	Mr. Lampert		

RUN	BORE-HOLE RECORD			CASING RECORD			
NO.	BIT	FROM	TO	SIZE	WGT.	FROM	TO
				8 5/8		Surface	296'
				5 1/2		Surface	1999'

Gammatron

FILING NO. 80918H

CONFIDENTIAL - DO NOT RELEASE

COMPANY DALPORT OIL CORPORATION

WELL AMCO FEDERAL #1

FIELD DOUBLE "L" QUEEN

COUNTY CHAVES STATE NEW MEXICO

LOCATION: 1980' FSL 660' FWL

SEC. 31 TWP. 14-S RGE. 30-E

OTHER SERVICES:

3881

PERMANENT DATUM: GROUND LEVEL ELEV 3969

LOG MEASURED FROM 10 FT. ABOVE PERM. DATUM

DRILLING MEASURED FROM

ELEV.: K.B. ~~3879~~

D.F.

G.L. 3869

3821

DATE	8-5-69	8-5-69	
RUN NO.	ONE	ONE	
TYPE LOG	GAMMA RAY	NEUTRON	
DEPTH-DRILLER	2000	2000	
DEPTH-LOGGER	1989	1989	
BOTTOM LOGGED INTERVAL	1980	1987.5	
TOP LOGGED INTERVAL	0	0	
TYPE FLUID IN HOLE	WATER	WATER	
SALINITY, PPM CL.			
DENSITY			
LEVEL	FULL		
MAX. REC. TEMP., DEG F			
OPERATING RIG TIME	1.5 HRS.		
RECORDED BY	CORGILL		
WITNESSED BY	LAMPERT		

BOREHOLE RECORD

FROM	TO

CASING RECORD

SIZE	WGT.	FROM	TO
5½	14	SURFACE	TD

THIS HEADING AND LOG CONFORMS TO API RP 33

Gammatron

FILING NO.
17055-H

Confidential
Do Not Release

COMPANY Dalport Oil Corporation
WELL Amco Federal #3
FIELD Double L
COUNTY Chaves STATE New Mexico

LOCATION:
330' FSL & 330' FWL
SEC 31 TWP 14-S RGE 30-E

OTHER SERVICES:

PERMANENT DATUM Ground Level, ELEV.
LOG MEASURED FROM 10 FT. ABOVE PERM. DATUM
DRILLING MEASURED FROM

ELEV.: K.B.
D.F.
G.L.

DATE	1-20-70	1-20-70	
RUN NO.	One-NW	One-NW	
TYPE LOG	Gamma Ray	Neutron	
DEPTH-DRILLER			
DEPTH-LOGGER	1989.5	1989.5	
BTM. LOGGED INTERVAL	1980.5	1985	
TOP LOGGED INTERVAL	Surface	Surface	
TYPE FLUID IN HOLE	Water	Water	
SALINITY, PPM CL.			
DENSITY			
LEVEL	Full		
MAX. REC. TEMP. DEG F.			
EQUIPMENT NO.			
RIG TIME			
RECORDED BY	Wheatley		
WITNESSED BY	Mr. Leon Lampert		

MASTER LOG
DO NOT REMOVE FROM OFFICE

THIS HEADING AND LOG CONFORMS TO API RP 33

BORE-HOLE RECORD			CASING RECORD			
BIT	FROM	TO	SIZE	WGT.	FROM	TO
			5½	14	Surface	2028
			8 5/8	20	Surface	328

THE WESTERN COMPANY

Gammatron

FILING NO. 37058-H

Confidential Do Not Release

COMPANY Dalport Oil Corporation

WELL Amco Federal #4

FIELD Double "L"

COUNTY Chaves STATE New Mexico

LOCATION: 330' FSL & 1980' FWL

SEC 31 TWP 14-S RGE 30-E

OTHER SERVICES:

PERMANENT DATUM: Ground Level, ELEV. N/A

LOG MEASURED FROM 8 FT. ABOVE PERM. DATUM

DRILLING MEASURED FROM

ELEV.: K.B. D.F. G.L.

DATE	3-17-70	3-17-70	
RUN NO.	One	One	
TYPE LOG	Gamma Ray	Neutron	
DEPTH-DRILLER			
DEPTH-LOGGER	2029.5	2029.5	
BOTTOM LOGGED INTERVAL	2020.5	2028	
TOP LOGGED INTERVAL	Surface	Surface	
TYPE FLUID IN HOLE	Water	Water	
SALINITY, PPM CL.			
DENSITY			
LEVEL	Full		
MAX. REC. TEMP., DEG F.			
OPERATING RIG TIME	Portable Mast		
RECORDED BY	Wallace		
WITNESSED BY	Mr. Leon Lamb	ert	

RUN NO.	BORE-HOLE RECORD			CASING RECORD			
	BIT	FROM	TO	SIZE	WGT.	FROM	TO
				8 5/8		Surface	348
				5½		Surface	2060

THIS HEADING AND LOG CONFORMS TO API RP 33

Gammatron

FILING NO.	
67091-H	COMPANY Dalport Oil Corporation
	WELL Amco Federal #5
	FIELD Double "L"
	COUNTY Chaves STATE New Mexico

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Do Not Release

LOCATION:
1650' FSL & 1650' FWL
SEC. 31 TWP. 14-S RGE. 30-E

OTHER SERVICES:
Jet Perforate

PERMANENT DATUM: Ground Level, ELEV. 3875
LOG MEASURED FROM 1 FT. ABOVE PERM. DATUM
DRILLING MEASURED FROM Cable tool rig floor

ELEV.: K.B.
D.F.
G.L. 3875

DATE	6-28-70	6-28-70	
RUN NO.	One	One	
TYPE LOG	Gamma Ray	Neutron	
DEPTH-DRILLER			
DEPTH-LOGGER	2012.5	2012.5	
BOTTOM LOGGED INTERVAL	2003.5	2011	
TOP LOGGED INTERVAL	Surface	Surface	
TYPE FLUID IN HOLE	Water	Water	
SALINITY, PPM CL.			
DENSITY			
LEVEL	Full		
MAX. REC. TEMP., DEG F.			
OPERATING RIG TIME	Portable Mast		
RECORDED BY	Wallace		
WITNESSED BY			

BORE-HOLE RECORD			CASING RECORD			
BIT	FROM	TO	SIZE	WGT.	FROM	TO
			8 5/3		Surface	403
			5½		Surface	2012

COMPANY

WELL

FIELD

County State

COMPANY

WELL

FIELD

COUNTY STATE

Location

Sec. Twp Rge

Other Services:

Permanent Datum Elev.

Log Measured from Ft. Above Perm. Datum

Drilling Measured From

Elev.: K.B.

D.F.

G.L.

Date			
Run No			
Type Log			
Depth-Driller			
Depth-Welex			
Bottom Logged Interval			
Top Logged Interval			
Type Fluid in Hole			
Salinity, PPM Cl.			
Density			
Level			
Max. rec. temp., deg. F.			
Operating Rig Time			
Recorded By			
Witnessed by			

FILE COPY

BORE HOLE RECORD				CASING RECORD			
	Bit	From	To	Size	Wgt.	From	To

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COMPANY R. G. McPHERON

WELL ROB #2

FIELD DOUBLE "L"

COUNTY CHAVES STATE NEW MEXICO

Location 1980 FSL 660 FEL

Sec. 1 Twp. 15S Rge. 29E

Other Services:

Permanent Datum G.L. Elev. 3863

Log Measured from G.L. Ft. Above Perm. Datum

Drilling Measured From

Elev.: K.B. D.F. G.L. 3871

Date	10-14-69		
Run No.	1		
Type Log	GRIH		
Depth-Driller	1980		
Depth-Welex	1961		
Bottom Logged Interval	1960		
Top Logged Interval	SURF		
Type Fluid in Hole	WATER		
Salinity, PPM Cl.			
Density			
Level	FULL		
Max. rec. temp., deg. F.			
Equipment Rig Time			
Recorded By	P. A. Hons		
Witnessed by	DR. Hess		

BOREHOLE RECORD			CASING RECORD			
Bit	From	To	Size	Wgt.	From	To
			8 5/8		SURF	1972
			5 1/2		SURF	1960

WELL WAREHOUSE COMPANY

Gammatron

FILING NO.	1207-H
COMPANY	Balport Oil Corporation
WELL	Rob #3
FIELD	Double "L"
COUNTY	Chaves
STATE	New Mexico
LOCATION: SEC.	1
TWP.	15-S
RGE.	29-E
OTHER SERVICES:	Jet Perf.
PERMANENT DATUM:	Ground level
ELEV.	3883
LOG MEASURED FROM	10 FT. ABOVE PERM. DATUM
DRILLING MEASURED FROM	KB
ELEV.: K.B.	3893
D.F.	
G.L.	3883

DATE	12-17-70	12-17-70	
RUN NO.	One NW	One NW	
TYPE LOG	Gamma ray	Neutron	
DEPTH-DRILLER	2011	2011	
DEPTH-LOGGER	2011.5	2011.5	
BOTTOM LOGGED INTERVAL	2002.5	2010	
TOP LOGGED INTERVAL	surface	surface	
TYPE FLUID IN HOLE	water	water	
SALINITY, PPM CL.			
DENSITY			
LEVEL	full	full	
MAX. REC. TEMP., DEG. F.			
EQUIP. NO.			
RIG TIME			
RECORDED BY	Wallace		
WITNESSED BY	Mr. Langport		

BORE-HOLE RECORD			CASING RECORD			
BIT	FROM	TO	SIZE	WGT.	FROM	TO
			8 5/8		surface	338
			5½	14.5	surface	2043

THIS HEADING AND LOG CONFORMS TO API RP 33

THE WESTERN COMPANY

Gammatron

FILING NO. 37055-H

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COMPANY Dalport Oil Corporation

WELL #1 Sunset State

FIELD Double "L"

COUNTY Chaves STATE New Mexico

LOCATION: 1980' FNL & 330' FEL

SEC. 12 TWP. 15-S RGE. 29-E

OTHER SERVICES:

C3

PERMANENT DATUM: Ground Level, ELEV. N/A

LOG MEASURED FROM Rig floor 1 FT. ABOVE PERM. DATUM

DRILLING MEASURED FROM Cable tool rig floor

ELEV.: K.B. D.F. G.L.

DATE	3-19-70	3-19-70	
RUN NO.	One	One	
TYPE LOG	Gamma Ray	Neutron	
DEPTH-DRILLER	1984	1984	
DEPTH-LOGGER	1980.5	1980.5	
BOTTOM LOGGED INTERVAL	1971.5	1979	
TOP LOGGED INTERVAL	Surface	Surface	
TYPE FLUID IN HOLE	Water	Water	
SALINITY, PPM CL.			
DENSITY			
LEVEL	Full		
MAX. REC. TEMP., DEG F.			
EQUIPMENT NO. RIG TIME			
RECORDED BY	Wallace		
WITNESSED BY	Mr. Leon Lampert		

DO NOT REMOVE FROM OFFICE

BORE-HOLE RECORD			CASING RECORD			
BIT	FROM	TO	SIZE	WGT.	FROM	TO
			8 5/8	20	Surface	420
			5½	14	Surface	1986

THE WESTERN COMPANY

Gammatron

FILING NO

127289 H

COMPANY Dalport Oil Corporation

WELL Falgout Fed. #1

FIELD Double L Queen

COUNTY Chaves STATE New Mexico

LOCATION 1980' FN & EL

SEC 3S TWP 14S RGE 29E

OTHER SERVICES

PERMANENT DATUM _____ ELEV _____

LOG MEASURED FROM 9.2 FT ABOVE PERM DATUM

DRILLING MEASURED FROM _____

ELEV K B 3872'

D F _____

G L 3863'

DATE	12-17-72	12-17-72	
RUN NO	One	One	
TYPE LOG	Gamma Ray	Neutron	
DEPTH - DRILLER	1915'	1915'	
DEPTH - LOGGER	1903.5'	1903.5'	
BOTTOM LOGGED INTERVAL	1894.5'	1902'	
TOP LOGGED INTERVAL	0	0	
TYPE FLUID IN HOLE	Water		
SALINITY PPM CL			
DENSITY			
LEVEL	Full		
MAX REC TEMP DEG F			
OPERATING RIG TIME			
RECORDED BY	Liles		
WITNESSED BY	Mr. Lambert		

RUN	BORE-HOLE RECORD			CASING RECORD			
NO	BIT	FROM	TO	SIZE	WGT	FROM	TO
				4 1/2	9.5#	0	1947'
				8 5/8	20#	0	260'

THIS HEADING AND LOG CONFORMS TO API RP 33

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THE WESTERN COMPANY

Gammatron

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FILING NO. 47311 H

COMPANY Dalport Oil Corporation

WELL #2 Falgoot Federal

FIELD Double L

COUNTY Chaves STATE New Mexico

LOCATION 1980' FNL & 1650' FWL

SEC 26 TWP. 14S RGE 29E

OTHER SERVICES:

PERMANENT DATUM Ground Level, ELEV 3822'

LOG MEASURED FROM Tubing Flange 1 FT. ABOVE PERM. DATUM

DRILLING MEASURED FROM Tubing Flange

ELEV.: K.B. ____ D.F. 3823' G.L. 3822'

DATE	4-2-73	4-2-73	
RUN NO	One	One	
TYPE LOG	Gamma Ray	Neutron	
DEPTH—DRILLER	1881'	1881'	
DEPTH—LOGGER	1875.5'	1875.5'	
BOTTOM LOGGED INTERVAL	1866.5'	1874'	
TOP LOGGED INTERVAL	0	0	
TYPE FLUID IN HOLE	Water	Water	
SALINITY, PPM CL.			
DENSITY			
LEVEL	100'		
MAX. REC. TEMP. DEG. F			
OPERATING RIG TIME	1 1/2 Hour		
RECORDED BY	Daves		
WITNESSED BY	Mr. Lampert		

MASTER LOG
DO NOT REMOVE FROM OFFICE

RUN NO.	BORE-HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT	FROM	TO
				8 5/8	20#	Surface	258'
				4 1/2	4.5#	Surface	1881'

Dresser Atlas

Gamma Ray Neutron

FILE NO.

COMPANY HUMBLE OIL & REFINING COMPANY

WELL DE SMET FEDERAL NO. 1

FIELD DOUBLE "L" QUEEN

COUNTY CHAVES STATE NEW MEXICO

LOCATION:
1980'FSL & 660'FWL

SEC 6 TWP 15-S RGE 30-E

Other Services

Permanent Datum GROUND LEVEL Elev. 3883
Log Measured from K. B. 7.5 Ft. Above Permanent Datum
Drilling Measured from K. B.

Elevations
KB 3890.5
DF 3889.5
GL 3883

Date	1-14-70		
Run No.	ONE		
Type Log	G/R-N/TN		
Depth-Driller	1957		
Depth-Logger	1951		
Bottom Logged Interval	1950		
Top Logged Interval	SURFACE		
Type Fluid in Hole	SALT WATER		
Salinity Ppm Cl.			
Density Lb. Gal.			
Level	154		
Max. Rec. Temp. Deg. F			
Opr. Rig Time	2 1/2 HOURS		
Recorded By	ADAMS		
Witnessed By	MR. JANICA		

Run	Bore Hole Record			Casing Record			
No.	Bit	From	To	Size	Wgt.	From	To
1				8 5/8"		SURF.	396
1	6 3/4"	396	1957				

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Gamma-Ray Neutron Log

COMPANY HUMBLE OIL & REFINING COMPANY

WELL DE SMET FEDERAL #2

FIELD DOUBLE "L" QUEEN

STATE NEW MEXICO COUNTY CHAVES

LOCATION: 968' FWL & 660' FSL

SEC. 6 TWP. 15-S RGE. 30-E

OTHER SERVICES: PERF

PERMANENT DATUM: GROUND LEVEL, ELEV. 3897

LOG MEASURED FROM KELLY BUSHING 7 FT. ABOVE PERM. DATUM

DRILLING MEASURED FROM KELLY BUSHING

ELEV.: K.B. 3904

D.F. 3902

G.L. 3897

DATE	5/20/70		
RUN NO.	ONE		
TYPE LOG	G-R/N		
DEPTH-DRILLER			
DEPTH-LOGGER	2011		
BOTTOM LOGGED INTERVAL	2010		
TOP LOGGED INTERVAL	1650		
TYPE FLUID IN HOLE	OIL		
MAX REC TEMP DEG F	N/A		
RECORDED BY	WASHBURN		
WITNESSED BY	MR. JANICA &	MR. SHERRILL	

RUN NO.	BORE-HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT.	FROM	TO
				$4\frac{1}{2}$"		SURFACE	T.D.

Gamma-Ray Neutron Log

COMPANY	HUMBLE OIL & REFINING COMPANY
WELL	HESSE FEDERAL #1
FIELD	DOUBLE "L" QUEEN
STATE	NEW MEXICO
COUNTY	CHAVES
LOCATION:	971' FWL & 660' FNL
SEC.	7
TWP.	15-S
RGE.	30-E
OTHER SERVICES:	PERF
PERMANENT DATUM:	GROUND LEVEL
ELEV.	3904
LOG MEASURED FROM	KELLY BUSHING 7 FT. ABOVE PERM. DATUM
DRILLING MEASURED FROM	KELLY BUSHING
ELEV.: K.B.	3911 3905
D.F.	3909
G.L.	3904 3904

DATE	5/24/70		
RUN NO	ONE		
TYPE LOG	GR/N		
DEPTH-DRILLER	2024		
DEPTH-LOGGER	2014		
BOTTOM LOGGED INTERVAL	2013		
TOP LOGGED INTERVAL	1650		
TYPE FLUID IN HOLE	-		
MAX. REC. TEMP., DEG. F	-		
RECORDED BY	WASHBURN		
WITNESSED BY	MR. CHAMPANY	& MR. SHERRILL	

RUN NO	BORE-HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT.	FROM	TO
				4½"		SURFACE	T.D.

Gamma-Ray Neutron Log

COMPANY HUMBLE OIL & REFINING COMPANY

WELL HESSE FEDERAL #2 Ø

FIELD DOUBLE "L" QUEEN

STATE NEW MEXICO COUNTY CHAVES

LOCATION: 1980' FNL & 330' FWL

SEC 7 TWP. 15-S RGE. 30-E

OTHER SERVICES: PERF

PERMANENT DATUM: GROUND LEVEL ELEV. 3914

LOG MEASURED FROM KELLY BUSHING 7 FT. ABOVE PERM. DATUM

DRILLING MEASURED FROM KELLY BUSHING

ELEV.: K.B. 3921 3916

D.F.

G.L. 3914 3909

DATE	5/23/70		
RUN NO	ONE		
TYPE LOG	GR/NN		
DEPTH DRILLER			
DEPTH LOGGER	2035		
BOTTOM LOGGED INTERVAL	2034		
TOP LOGGED INTERVAL	1650		
TYPE FLUID IN HOLE	OIL		
MAX. REC. TEMP., DEG. F.	N/A		
RECORDED BY	WASHBURN		
WITNESSED BY	MR. SHERRILL		

RUN NO.	BORE-HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT.	FROM	TO
				$4\frac{1}{2}$"		SURFACE	T.D.

GAMMA RAY NEUTRON

COUNTY FIELD or LOCATION WELL 20 11441

COMPANY

COMPANY Humble Oil & Ref. Company

WELL Florence B. Luskey et al #1

FIELD Double "L" Green

COUNTY Chaves STATE New Mex

Location: 660' FNL 990' FWL

Sec. 6 Twp. 15 S Rge. 30 E

Other Services: SBS-NS Rip Log

Permanent Datum: GL ; Elev.: 3867

Log Measured From KB, 9 Ft. Above Perm. Datum

Drilling Measured From KB GL

Elev.: K.B. 3876 D.F. 3875 G.L. 3867

Date	3-2-10		
Run No.	One		
Type Log	GR-Neutron-Caliper & Rip Log		
Depth—Driller	1920 PBTD		
Depth—Logger	1911.5		
Bottom logged interval	1911.5		
Top logged interval	Surf		
Type fluid in hole	Water		
Salinity, PPM Cl.			
Density			
Level	Full		
Max. rec. temp., deg F.			
Equipment-rig time	3 hrs Log-Perf-Log		
Recorded by	Hurley		
Witnessed by	Mr. Chaney & Mr. Shepard		

BORE-HOLE RECORD			CASING RECORD			
Bit	From	To	Size	Wgt.	From	To
7 7/8	400	1920	9 5/8		Surf	400
			7		Surf	1900

RADIOACTIVITY LOG

COMPANY HUMBLE OIL & REFINING COMPANY

WELL FLORENCE E. LUSK 2

FIELD DOUBLE "L" QUEENS

COUNTY CHAVES STATE NEW MEXICO

Location: 956' FWL & 1385' FNL

Sec. 6 Twp. 15-S Rge. 30-E

Other Services: PERF

Permanent Datum GROUND LEVEL Elev. 3877

Log measured from K.B. 9.5 ft above perm. datum

Drilling measured from KELLY BUSHING

Elev.: K.B. 3886.5
D.F.
G.L. 3877

Date	4/15/ 0		
Run No.	ONE		
Type Log	GR/N		
Depth-Driller	1973		
Depth-Logger	1977		
Bottom logged interval	1976		
Top logged interval	1650		
Type fluid in hole	WATER		
Salinity, PPM Cl.	-		
Density	-		
Level	FULL		
Max. rec. temp., deg F.	-		
Operating rig time	1 HOUR		
Recorded by	WASHBURN		
Witnessed by	MR. SHERRILL	& MR. JANICA	

RUN No.	BORE-HOLE RECORD Bit	From	To	CASING RECORD Size	Wgt.	From	To
				4½	9.5	SURFACE	T.D.

Gamma-Ray - Neutron Log

COMPANY	[illegible]
WELL	[illegible]
FIELD	[illegible]
STATE	NEW MEXICO COUNTY CHAVES

LOCATION: 330' FNL & [illegible] FWL		OTHER SERVICES:
SEC 6	TWP 1[illegible]-S	RGE 3[illegible]-E	PERF

PERMANENT DATUM: GROUND LEVEL	ELEV 3[illegible]	ELEV K.B. 3896
LOG MEASURED FROM KELLY BUSHING	FT. ABOVE PERM. DATUM	D.F. 3894
DRILLING MEASURED FROM KELLY BUSHING		G.L. 3889

DATE	5-17-70		
RUN NO.	ONE		
TYPE LOG	GR-N		
DEPTH-DRILLER	2000+		
DEPTH-LOGGER	2005		
BOTTOM LOGGED INTERVAL	2004		
TOP LOGGED INTERVAL	1850		
TYPE FLUID IN HOLE	OIL		
MAX. REC. TEMP. DEG. F	N/A		
RECORDED BY	LASHBURN		
WITNESSED BY	MR. JORDAN &	MR. STANFORD	

RUN NO.	BORE-HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT	FROM	TO
				4½"		SURFACE	TD.

Gamma-Ray Neutron Log

COMPANY HUMBLE OIL & REFINING COMPANY

WELL FLORENCE B. LUSK #4

FIELD DOUBLE "L" QUEEN

STATE NEW MEXICO COUNTY CHAVES

LOCATION: 2310' FNL & 2265' FWL

SEC. 6 TWP 15-S RGE. 30-E

OTHER SERVICES: PERF

PERMANENT DATUM: GROUND LEVEL ELEV. 3892

LOG MEASURED FROM KELLY BUSHING 7 FT. ABOVE PERM. DATUM

DRILLING MEASURED FROM KELLY BUSHING

ELEV.: K.B. 3899

D.F.

G.L. 3892

DATE	6/2/70		
RUN NO	ONE		
TYPE LOG	GR/N		
DEPTH-DRILLER			
DEPTH-LOGGER	2010		
BOTTOM LOGGED INTERVAL	2009		
TOP LOGGED INTERVAL	1650		
TYPE FLUID IN HOLE	OIL		
MAX. REC. TEMP., DEG. F	N/A		
RECORDED BY	WASHBURN		
WITNESSED BY	MR. STANFORD		

RUN NO	BORE-HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT.	FROM	TO
				4½"		SURFACE	T.D.

WESTERN ATLAS INTERNATIONAL COMPANY

Gammatron

FILING NO. 9691-H

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COMPANY Jack L. McClellan

WELL Sue Federal #1

FIELD Sulimar

COUNTY Chaves STATE New Mexico

LOCATION: 660' FSL & 1650' FWL

SEC. 6 TWP. 15-S RGE. 30-E

OTHER SERVICES:

PERMANENT DATUM: Ground Level, ELEV. 3899 3874.5 ELEV.: K.B.

LOG MEASURED FROM 1 FT. ABOVE PERM. DATUM D.F. 3900

DRILLING MEASURED FROM G.L. 3899

DATE	8-27-69	8-27-69	
RUN NO.	One	One	
TYPE LOG	Gamma ray	Neutron	
DEPTH—DRILLER			
DEPTH—LOGGER	2022.5	2022.5	
BOTTOM LOGGED INTERVAL	2013.5	2021	
TOP LOGGED INTERVAL	Surface	Surface	
TYPE FLUID IN HOLE	Water	Water	
SALINITY, PPM CL.			
DENSITY			
LEVEL			
MAX. REC. TEMP., DEG F.			
OPERATING RIG TIME	1½ Hours		
RECORDED BY	Thomas		
WITNESSED BY	Mr. McClellan		

RUN NO.	BORE-HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT.	FROM	TO
				5½		Surface	2025

THIS HEADING AND LOG CONFORMS TO API RP 33

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THE WESTERN COMPANY
Gammatron

FILING NO. 47025-H

COMPANY Jack L. McClellan

WELL Sue Federal #2

FIELD Sulimar

COUNTY Chaves STATE New Mexico

LOCATION: 2310 S S
1650 S W

SEC. 6 TWP. 15-S RGE. 30-E

OTHER SERVICES:

PERMANENT DATUM: Ground Level ELEV. 3889

LOG MEASURED FROM 1 FT. ABOVE PERM. DATUM

DRILLING MEASURED FROM Ground Level

ELEV.: K.B.

D.F.

G.L. 3889 3875.56

DATE	4-14-70	4-14-70	
RUN NO.	One	One	
TYPE LOG	Gamma Ray	Neutron	
DEPTH—DRILLER	2002	2002	
DEPTH—LOGGER	2004	2004	
BOTTOM LOGGED INTERVAL	1995	2002.5	
TOP LOGGED INTERVAL	Surface	Surface	
TYPE FLUID IN HOLE	Water	Water	
SALINITY, PPM CL.			
DENSITY			
LEVEL	Full		
MAX REC. TEMP., DEG F.			
OPERATING RIG TIME	2 Hours		
RECORDED BY	Wallace		
WITNESSED BY	Mr. McClellan		

RUN NO.	BORE-HOLE RECORD			CASING RECORD			
	BIT	FROM	TO	SIZE	WGT.	FROM	TO
				8 5/8			
				5½	15.5	Surface	2000

THIS HEADING AND LOG CONFORMS TO API RP 33

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THE WESTERN COMPANY

Gammatron

FILING NO. 6715-H

COMPANY Jack McClellan

WELL Lisa B#6

FIELD Double L

COUNTY Chaves STATE New Mexico

LOCATION: 330' FNL & 330' FWL

SEC 18 TWP. 15-S RGE. 30-E

OTHER SERVICES:

PERMANENT DATUM: Ground Level, ELEV. 3928

LOG MEASURED FROM Ground Level FT. ABOVE PERM. DATUM

DRILLING MEASURED FROM

ELEV.: K.B. D.F. 3928 G.L. 3928

DATE	6--4--71	6--4--71	
RUN NO.	One(NW)	One(NW)	
TYPE LOG	Gamma Ray	Neutron	
DEPTH—DRILLER	2016	2016	
DEPTH—LOGGER	2016	2016	
BOTTOM LOGGED INTERVAL	2007	2014.5	
TOP LOGGED INTERVAL	Surface	Surface	
TYPE FLUID IN HOLE	Water	Water	
SALINITY, PPM CL.			
DENSITY			
LEVEL	Full	Full	
MAX. REC. TEMP., DEG F.			
OPERATING RIG TIME			
RECORDED BY	Owings		
WITNESSED BY	Mr. McClellan		

RUN NO.	BORE-HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT.	FROM	TO
				5½		Surface	T.D.

THIS HEADING AND LOG CONFORMS TO API RP 33

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THE WESTERN COMPANY

Gammatron

FILING NO.	
127050-H	COMPANY: Jack L. McClellan
	WELL: Lois State #1
	FIELD: Double "L"
	COUNTY: Chaves STATE: New Mexico
	LOCATION: 990' FNL & 330' FEL
	SEC. 12 TWP. 15-S RGE. 29-E
	OTHER SERVICES:

PERMANENT DATUM: ground level, ELEV. 3888
LOG MEASURED FROM 1 FT. ABOVE PERM. DATUM
DRILLING MEASURED FROM cable tool rig floor

ELEV.: K.B. D.F. 3889 G.L. 3888

DATE	12-3-70	12-3-70	
RUN NO.	One nw	One nw	
TYPE LOG	Gamma Ray	Neutron	
DEPTH—DRILLER	1999	1999	
DEPTH—LOGGER	2001	2001	
BOTTOM LOGGED INTERVAL	1992	1999.5	
TOP LOGGED INTERVAL	surface	surface	
TYPE FLUID IN HOLE	water	water	
SALINITY, PPM CL.			
DENSITY			
LEVEL	full		
MAX. REC. TEMP., DEG F.			
OPERATING RIG TIME	Portable mast		
RECORDED BY	Wallace		
WITNESSED BY	Jack McClellan		

RUN	BORE-HOLE RECORD			CASING RECORD			
NO.	BIT	FROM	TO	SIZE	WGT.	FROM	TO
			8	5/8		surface	340
			5½			surface	2002

Gammatron

FILING NO. 37012-H

COMPANY Jack McClellan

WELL Elyse Federal #1

FIELD Double L

COUNTY Chaves STATE New Mexico

LOCATION: 330' FSL & 2310'

SEC. 31 TWP. 14-S RGE. 30-E

OTHER SERVICES:

PERMANENT DATUM: Ground Level, ELEV. 3884

LOG MEASURED FROM Ground Level FT. ABOVE PERM. DATUM

DRILLING MEASURED FROM

ELEV.: K.B. D.F. G.L. 3884

DATE	2-24-70	2-24-70	
RUN NO.	One	One	
TYPE LOG	Gamma Ray	Neutron	
DEPTH—DRILLER	2015	2015	
DEPTH—LOGGER	2009	2009	
BOTTOM LOGGED INTERVAL	2000	2007.5	
TOP LOGGED INTERVAL	Surface	Surface	
TYPE FLUID IN HOLE			
SALINITY, PPM CL.			
DENSITY			
LEVEL	Full		
MAX. REC. TEMP., DEG F.			
OPERATING RIG TIME	2 hours		
RECORDED BY	Wallace		
WITNESSED BY	Mr. Jack McClellan		

RUN NO.	BORE-HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT.	FROM	TO
				8 5/8	23	Surface	442
				5½	14	Surface	2012

THIS HEADING AND LOG CONFORMS TO API RP 33

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WESTERN

Gammatron

FILING NO.	
87028-H	COMPANY Jack L. McClellan
	WELL Elyse Federal #2
	FIELD Double L
	COUNTY Chaves STATE New Mexico
	LOCATION: 1650' FSL & 2310' FEL SEC. 31 TWP. 14-S RGE. 30-E
	OTHER SERVICES:

PERMANENT DATUM: Ground Level, ELEV.
LOG MEASURED FROM Ground Level FT. ABOVE PERM. DATUM
DRILLING MEASURED FROM Ground Level

ELEV.: K.B.
D.F.
G.L. 3826

DATE	8-10-70	8-10-70	8-17-70
RUN NO.	One	One	Two
TYPE LOG	Gamma Ray	Neutron	G/R/N
DEPTH—DRILLER	2001	2001	2001
DEPTH—LOGGER	2004	2004	2000
BOTTOM LOGGED INTERVAL	1995	2002.5	1998.5
TOP LOGGED INTERVAL	0	0	1750
TYPE FLUID IN HOLE	None	None	Water
SALINITY, PPM CL.			
DENSITY			
LEVEL			
MAX. REC. TEMP., DEG F.			
OPERATING RIG TIME	2 Hours		
RECORDED BY	J.B. Motley		Wheatley
WITNESSED BY			Mr. Jack McClellan

RUN NO.	BORE-HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT.	FROM	TO
				8 5/8		Surface	371
				4½		Surface	T.D.

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Gammatron

FILING NO.	
96747H	COMPANY JACK MC CLELLAN
	WELL PATRICK FEDERAL #1
	FIELD WILDCAT
	COUNTY CHAVES STATE NEW MEXICO
	LOCATION: 660 FSL & 1650 FWL SEC. 12 TWP. 15S RGE. 29E
	OTHER SERVICES:

PERMANENT DATUM: Ground level, ELEV. 3908
LOG MEASURED FROM 5½ csg collar ½ FT. ABOVE PERM. DATUM
DRILLING MEASURED FROM

ELEV.: K.B. 3933
D.F.
G.L. 3932 *

DATE	9-15-67	9-15-67	
RUN NO.	one	one	
TYPE LOG	Gamma Ray	Neutron	
DEPTH—DRILLER			
DEPTH—LOGGER	1989	1989	
BOTTOM LOGGED INTERVAL	1980	1987.5	
TOP LOGGED INTERVAL	1500	1500	
TYPE FLUID IN HOLE	water	water	
SALINITY, PPM CL.			
DENSITY			
LEVEL	Full	Full	
MAX. REC. TEMP., DEG F.			
OPERATING RIG TIME			
RECORDED BY	Virden		
WITNESSED BY	Mr. McClellan		

RUN	BORE-HOLE RECORD			CASING RECORD			
NO.	BIT	FROM	TO	SIZE	WGT.	FROM	TO
				5½		0	T.D.

THIS HEADING AND LOG CONFORMS TO API RP 33

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THE WESTERN COMPANY

Gammatron

FILING NO. 87023-H

COMPANY Jack L. McClellan

WELL Patrick Federal #2

FIELD Suble Queen

COUNTY Chaves STATE New Mexico

LOCATION: 1980' FSL & 1650' FEL

SEC. 12 TWP. 15 S RGE. 29E

OTHER SERVICES:

PERMANENT DATUM: Ground Level, ELEV. 3916

LOG MEASURED FROM Zero FT. ABOVE PERM. DATUM

DRILLING MEASURED FROM

ELEV.: K.B.

D.F.

G.L. 3916 3905

DATE	8-17-70	8-17-70	
RUN NO.	One NW	One NW	
TYPE LOG	Gamma Ray	Neutron	
DEPTH—DRILLER	2005	2005	
DEPTH—LOGGER	2004	2004	
BOTTOM LOGGED INTERVAL	1995	2002.5	
TOP LOGGED INTERVAL	Surface	Surface	
TYPE FLUID IN HOLE	Water	Water	
SALINITY, PPM CL.			
DENSITY			
LEVEL	258		
MAX. REC. TEMP., DEG F.			
OPERATING RIG TIME			
RECORDED BY	Wheatley		
WITNESSED BY			

RUN	BORE-HOLE RECORD			CASING RECORD			
NO	BIT	FROM	TO	SIZE	WGT.	FROM	TO
				$4\frac{1}{2}$		Surface	T.D.

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SCHLUMBERGER SONIC LOG GAMMA RAY

COUNTY CHAVES
FIELD or LOCATION WILDCAT
WELL MARION FEDERAL #1
COMPANY JACK L. MC CLELLAN

COMPANY JACK L. MC CLELLAN

WELL MARION FEDERAL #1

FIELD WILDCAT

COUNTY CHAVES STATE NEW MEXICO

LOCATION 330' FNL & 1650' FWL

Sec. 7 Twp. 15-S Rge. 30-E

Other Services:

LL, ILL

Permanent Datum: G.L., Elev. 3906
Log Measured From K.B., 10 Ft. Above Perm. Datum
Drilling Measured From K.B.

Elev.: K.B. 3916
D.F. 3915
G.L. ~~3906~~ 3901.27

JACK L. MCCLELLAN

Date	6-17-69			
Run No.	ONE			
Depth—Driller	3525			
Depth—Logger	3522			
Btm. Log Interval	3520			
Top Log Interval	0			
Casing—Driller	8 5/8@ 300	@	@	@
Casing—Logger	307			
Bit Size	7 7/8			
Type Fluid in Hole	SALT BASE			
Dens. / Visc.	10.4 / 33			
pH / Fluid Loss	6.8 / 14 ml	ml	ml	ml
Source of Sample	PIT			
R_m @ Meas. Temp.	.044 @ 83 °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	.039 @ 83 °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	.059 @ 83 °F	@ °F	@ °F	@ °F
Source: R_{mf} R_{mc}	M / C			
R_m @ BHT	.042 @ 90 °F	@ °F	@ °F	@ °F
Time Since Circ.	2 HOURS			
Max. Rec. Temp.	90 °F	°F	°F	°F
Equip. / Location	3720 / HOBBS			
Recorded By	PLUME			
Witnessed By	MC CLELLAN			

THE WESTERN COMPANY

Gammatron

FILING NO. 37118-H

COMPANY Jack McClellan

WELL Mary Jane #2

FIELD Double "L"

COUNTY Eddy STATE New Mexico

LOCATION: 330' FWL & 990' FSL

SEC. 7 TWP. 15-S RGE. 30-E

OTHER SERVICES:

PERMANENT DATUM: Ground Level, ELEV. 3920

LOG MEASURED FROM 2 FT. ABOVE PERM. DATUM

DRILLING MEASURED FROM

ELEV.: K.B. D.F. 3922 G.L. 3920

DATE	3-1-71	3-1-71	
RUN NO.	One	One	
TYPE LOG	Gamma Ray	Neutron	
DEPTH—DRILLER	2014	2014	
DEPTH—LOGGER	2013	2013	
BOTTOM LOGGED INTERVAL	2004	2011.5	
TOP LOGGED INTERVAL	0	0	
TYPE FLUID IN HOLE	Water	Water	
SALINITY, PPM CL.			
DENSITY			
LEVEL			
MAX. REC. TEMP., DEG F.			
OPERATING RIG TIME			
RECORDED BY	Owings		
WITNESSED BY			

RUN NO.	BORE-HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT.	FROM	TO
				5½	15.5	Surface	T.D.

THIS HEADING AND LOG CONFORMS TO API RP 33

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Dresser Atlas

COMPENSATED

Densilog

FILE NO.

COMPANY PAN AMERICAN PETROLEUM CORPORATION

WELL STATE "EK" WELL NO. 1

FIELD DOUBLE "L" QUEEN

COUNTY CHAVES STATE NEW MEXICO

LOCATION:

330' FSL & 2310' FWL

SEC 25 TWP 14-S RGE 29-E

Other Services

Permanent Datum G.L. Elev. 3828'

Log Measured from D.F. 2 Ft. Above Permanent Datum

Drilling Measured from D.F.

Elevations:

KB

DF 3830'

GL 3828'

Date	7-3-70			
Run No.	ONE			
Depth—Driller	1940			
Depth—Logger	1942			
Bottom Logged Interval	1940			
Top Logged Interval	350			
Casing—Driller	8 5/8@353	@	@	@
Casing—Logger	356			
Bit Size	8"			
Type Fluid in Hole	DRY GAS			
Density and Viscosity				
pH and Fluid Loss	cc	cc	cc	cc
Source of Sample				
Rm @ Meas. Temp.	@ F	@ F	@ F	@ F
Rmf @ Meas. Temp.	@ F	@ F	@ F	@ F
Rmc @ Meas. Temp.	@ F	@ F	@ F	@ F
Source of Rmf and Rmc				
Rm @ BHT	@ F	@ F	@ F	@ F
Time Since Circ.				
Max. Rec. Temp. Deg. F.	F	F	F	F
Equip. No. and Location	6034 HOBBS			
Recorded By	VAUGHN			
Witnessed By	MR. CRAVENS			

Dresser Atlas

COMPENSATED

Densilog

FILE NO.

COMPANY AMOCO PRODUCTION COMPANY

WELL STATE "EK" No. 3

FIELD DOUBLE "L" QUEEN

COUNTY CHAVES STATE NEW MEXICO

LOCATION: 990' FNL & 1650' FWL

SEC 25 TWP 14-S RGE 29E

Other Services

Permanent Datum G.L. Elev. 3806'

Log Measured from K.B. 10 Ft. Above Permanent Datum

Drilling Measured from K.B.

Elevations: KB 3816' DF — GL 3806'

Date	2-6-71				
Run No.	ONE				
Depth—Driller	1962				
Depth—Logger	1962				
Bottom Logged Interval	1960				
Top Logged Interval	SURF.				
Casing—Driller	8 5/8" @ 353	@	@	@	
Casing—Logger					
Bit Size	7 7/8"				
Type Fluid in Hole	SALT GEL				
Density and Viscosity	10.4 / 37				
pH and Fluid Loss	6 / 18 cc	cc	cc		cc
Source of Sample	FLOWLINE-CIR.				
Rm @ Meas. Temp.	0.04 @ 75 °F	@ °F	@ °F	@	F
Rmf @ Meas. Temp.	0.04 @ 75 °F	@ °F	@ °F	@	F
Rmc @ Meas. Temp.	— @ — °F	@ °F	@ °F	@	F
Source of Rmf and Rmc	M / —				
Rm @ BHT	0.035 @ 92 °F	@ °F	@ °F	@	F
Time Since Circ.	1.5				
Max. Rec. Temp. Deg. F.	92 °F	°F	°F		F
Equip. No. and Location	6040 / HOBBS				
Recorded By	ROSS				
Witnessed By	MR. CRAVENS				

FIELD PRINT

RETURN TO PROD. DEPT.