UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: Geological Formations: Surface - Hernosa Bottom - Mississippian
Show oil at 764'
* Mud Log available effective 10-10-87 Archives

(No file) Bul. 50

DATE FILED Prior OGCC

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. X INDIAN

DRILLING APPROVED: Prior OGCC

SPUDDED IN:

COMPLETED:

INITIAL PRODUCTION:

GRAVITY A. P. I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH: 5,863

WELL ELEVATION: 4000

DATE ABANDONED: 6-13-27

FIELD OR DISTRICT: ~~Shafer Dome~~ 3/86 Wildcat

COUNTY: San Juan

WELL NO. Midwest Exploration Co. #1 API No. 43-037-20327

LOCATION: FT. FROM (N) (S) LINE, FT. FROM (E) (W) LINE. SW NE QUARTER - QUARTER SEC. 16

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
27S	20E	16	Midwest Exploration Co.				

GEOLOGIC TOPS:

QUATERNARY	Star Point	Sinbad	Brazer
Recent	Wahweap	PERMIAN	Pilot shale
Alluvium	Masuk	Kaibab	Madison
Lake beds	Colorado	Coconino	Leadville
Pleistocene	Mancos	Cutler	Redwall
Lake beds	Upper	Hoskinnini	DEVONIAN
TERTIARY	Middle	DeChelly	Upper
Pliocene	Lower	White Rim	Middle
Humboldt	Emery	Organ Rock	Lower
Salt Lake	Blue Gate	Cedar Mesa	Ouray
Miocene	Ferron	Halgaite tongue	Elbert
Bishop conglomerate	Frontier	Phosphoris	Guilmette
Oligocene	Dakota	Park City	Simonson dolomite
Norwood	Burro Canyon	Rico (Goodridge)	Sevy dolomite
Eocene	Cedar Mountain	Supai	North Point
Duchesne River	Buckhorn	Bird Springs	SILURIAN
Uinta	JURASSIC	CARBONIFEROUS	Laketown dolomite
Bridger	Morrison	Pennsylvanian	ORDOVICIAN
Green River	Salt Wash	Oquirrh	Eureka quartzite
Upper	San Rafeal Gr.	Weber	Pogonip limestone
Middle	Summerville	Morgan	CAMBRIAN
Lower	Bluff sandstone	Hermosa	Lynch
Wasatch	Curtis	Upper	Bowman
Colton	Entrade	Lower	Tapeats
Flagstaff	Moab tongue	Molas	Ophir
Almy	Carmel	Paradox 1620'	Tintic
Paleocene	Glen Canyon Gr.	A	PRE-CAMBRIAN
Current Creek	Navajo	B	
North Horn	Kayento	C	
CRETACEOUS	Wingate	Manning Canyon	
Montana	TRIASSIC	Mississippian	
Mesaverde	Chinle	Chainman shale	
Price River	Shinarump	Humbug	
Blackhawk	Moenkapi	Joana limestone	

ACME VISIBLE CROZET VIRGINIA #78846-8

UTAH GEOLOGICAL AND MINERALOGICAL SURVEY
AFFILIATED WITH
THE COLLEGE OF MINES AND MINERAL INDUSTRIES
UNIVERSITY OF UTAH
SALT LAKE CITY, UTAH

DRILLING RECORDS
FOR OIL AND GAS IN UTAH

COMPILED UNDER THE DIRECTION OF
GEORGE H. HANSEN, H. C. SCOVILLE,
AND THE
UTAH GEOLOGICAL AND MINERALOGICAL SURVEY

From the Records of the Oil and Gas Leasing Branch of the Conservation Division of the U.S. Geological Survey

Bulletin 50

February 1955

Price $5.00

NUMBER	LOCATION	LAND STATUS	OPERATOR AND WELL NUMBER	FIELD OR AREA	COMPLETED	ELEVATION	GEOLOGIC FORMATIONS SURFACE	GEOLOGIC FORMATIONS BOTTOM	TOPS: DEPTH IN FEET FROM SURFACE	REMARKS CONCERNING PRODUCING HORIZONS OR SHOWS	TOTAL DEPTH	WELL STATUS
14-10	32-25S13W	S	Premium Oil Co. #1	Preuss Valley	11-?-48	?	Quaternary	?			1,050	Abd
14-11	C NENE 29-25S10W	P	El Capitan Drilling Co. Paxton #1	Black Rock	9-?-50	?	Quaternary	Lake Bed Fill (Quaternary)			3,379	Abd
14-12	C SESW 17-25S9W	P	El Capitan Drilling Co. James #1	Black Rock	8-4-50	?	Quaternary	?		Arkosic sand at 3141'.	3,682	Abd
14-13	SWSE 19-25S9W	P	Beaver Valley Oil Co. #2	Black Rock	1930	4850	Quaternary	Quaternary			1,545	Abd
14-14	NWNE 20-25S9W	P	Beaver Valley Oil Co. #1	Black Rock	1930	4850?	Quaternary	Quaternary			3,500	Abd
14-15	NENE 31-25S9W	P	H. T. Kaminska #1	Black Rock	1922	4850?	Quaternary	Quaternary			800	Abd
MORGAN												
PIUTE												
[illegible]												
SALT LAKE COUNTY												
18-1	C SENW 3-1N2W	P	Byrd-Frost, Inc. #1	Salt Lake	2-6-51	4220	Lake Bonneville	Lake Bonneville		Casing: 540' 10-3/4".	1,916	Abd
18-2	NESE 21-1N1W	P	Western Petroleum Drilling Co. #1	Salt Lake	7-?-31	4250	Lake Beds	Lake Beds			1,985?	Abd
18-3	NESW 28-1S1E	P	Tower Petroleum Co. #1	Salt Lake	1927	4600?	Lake Beds	?			930	Abd
SAN JUAN COUNTY												
19-1	SWNE 16-27S20E	Pu	Midwest Exploration Co. #1	Shafer Dome	6-13-27	4000	Hermosa	Mississippian	Cpp 1620'.	Show oil at 764'.	5,863	Abd
19-2	NWNE 5-27S21E	Pu	Midwest Exploration Co. #1	Cane Creek	6-27-27	4000?	Rico	Paradox	Salt beds 2045-3520'.	No shows recorded.	3,520	Abd
19-3	SWSW 16-28S20E	S	Utah Southern Oil Co. #1	Lockhart	11-24-26	4100	Rico	Hermosa			527	Abd
19-4	SWSW 34-29S20E	Pu	Western States Development Co. #1	Gibson	10-5-20	4600?	Rico	Rico			323	Abd
19-5	SENE 3-29½S20E	Pu	Deseret Petroleum Co. #1	Gibson	3-12-27	4825	Cutler	Hermosa			510	Abd
19-6	NWNE 1-30S20E	Pu	Utah Petroleum Corp. #1	Gibson Dome	4-26-27	4800?	Cutler	Hermosa			1,643	Abd
19-7	Lot 20 6-30S21E	Pu	Empire Gas & Fuel Co. #1	Gibson Dome	6-23-27	4800?	Cutler	Paradox	Pr 60', Cph 550', Cpp 2100' (Salt to bottom).	No important show of oil or gas.	4,163	Abd
19-8	NENW 16-30S25E	S	Union Oil Co. #1	Lisbon Dome	10-15-27	?	Rico	Paradox	Salt beds below 1,620'.	One show oil at 2575' in salt; gas at 2693', 3250', 3510', 4110', and 4340 to 4345'.	5,010	Abd
19-9	C SENW 23-33S24E	P	Byrd-Frost, Inc. Randall #1	Monticello	10-3-51	6838	Mancos	Paradox	Kd 197', Js 750', Je 1034', Jca 1230', Jn 1268', Jk 1605', Jw 1670', Rc 2135', Rsh 2665', Rm 2745', Pcu 2860', Pr 3920', Cph 4465', Cpp 5659'.		6,265	Abd
19-10	C NESE 17-33S25E	P	Byrd-Frost, Inc. #1	Boulder Knoll	8-8-51	6814	Dakota	Pennsylvanian	Jm 198', Js 750', Jc 940', Je 1015', Jca 1245', Jn 1285', Jk 1535', Jw 1595', Rc 1955', Rsh 2535', Rm 2629', Pcu 2705', Pr 3785', Cph 4335', Cpp 5561'.	Cased, perf. and acidized 986 MCFG SIP 1920#.	5,828	Abd
19-11	NWSW 30-34S19E	Pu	Midwest Exploration Co. #1	Elk Ridge	11-5-27	7139	Rico	Schist	Cph 3977', Cm 5117', D 5567', θ 5857', θb 6217', θo 6397', θti 6697'.		4,422	Abd
19-12	NWNW 17-34S25E	P	Boulder Knoll Oil & Gas Co. #1	Boulder Knoll	6-12-30	7000	Dakota	Shinarump		Reported gas.	2,763	Abd
19-13	C SENE 23-34S25E	P	Western Natural Gas Co. et al #1	Boulder Knoll	2-4-48	6850	Dakota	Ordovician	Jm 210', Js 950', Je 1028', Jca 1260', Jn 1360', Jk 1550', Jw 1670', Rc 2148', Rsh 2560', Pr 3817', Cph 4346', Cpp 5695, Gypsum Anhydrite 5765', Cpmo 7965', Cml 8110', Do 8295', De 8340', Detrital zone 8500', O 8550', Quartzite 8677'.		8,677	Abd

Note: Wells for each county are "spotted" on the accompanying map.

Note: For abbreviated legend data see explanation before tables.

Hand Co. Wells

J. H. Schafer No. 1 Well
in Sec. 16, T. 27 S., R. 20 E.
43-037-20327

Extracted from pages 85-86
of the U.S.G.S. bulletin 841.

	Thickness, Ft.	Depth, Ft.
Hermosa formation:		
Blue limestone	25	25
Red sandstone; water bearing	38	63
Limestone	10	73
Sandstone; water bearing	8	81
Red shale	19	100
Hard brown limestone	10	110
Blue shale and hard shell	21	131
Gray limestone	14	145
Shale	63	208
Gray limestone	74	282
Shale	3	285
Gray limestone	65	350
Black slate	15	365
Black limestone	10	375
Gray limestone	39	414
Black shaly limestone	11	425
Gray sandy limestone	15	440
Muddy gray sandstone	25	465
Hard gray sandy limestone	20	485
Dark sandstone	10	495
Sandy brown shale	30	525
Gray limestone	45	570
Brown shale	20	590
Brown limestone	6	596
Gray shale	3	599
Brown limestone	6	605
Interbedded shale and limestone	21	626
Gray limestone	29	655
Blue shale and gray limestone	25	680
Sandstone	5	685
Gray limestone	11	696
Gray shale	5	701
Gray limestone	17	718
Sandstone; water bearing	6	724
Gray limestone	29	753
Blue shale	11	764
Sandstone; salt water and show of oil	18	782
Gray limestone and gray shale	323	1105
Black limestone	70	1175
Black shale	5	1180
Interbedded gray limestone and gray shale	150	1330
Black limestone	32	1362
Gray limestone	138	1500
Limy shale	25	1525
Black limestone and black shale	40	1565
Gray limestone	45	1610

Paradox formation:		
Limestone and salt	10	1620
Salt	13	1633
Shell	2	1635
Salt	100	1735
Limestone	10	1745
Brown sandstone	10	1755
Black slate	15	1770
Black shale	18	1788
Black limestone	8	1796
Salt	4	1800
Limestone and salt	23	1823
Salt	76	1899
Gray limestone	39	1938
Black shale	102	2040
Salt	10	2050
Limestone	25	2075
Gray shale	19	2094
Limestone	6	2100
Sandstone, shale, and salt	25	2125
Salt	130	2255
Limestone	15	2270
Gray shale	95	2365
Salt	18	2383
Gray shale	107	2490
Salt	100	2590
Shale and gypsum	10	2600
Salt	190	2790
Shale and gypsum	35	2825
Salt	165	2990
Limestone	50	3040
Salt	200	3240
Sandly shale	30	3270
Black shale	35	3305
Salt	43	3348
Gray shale and gypsum	62	3410
Salt	130	3540
Gray shale	55	3595
Salt	65	3660
Gray shale	36	3696
Salt	264	3960
Black shale	5	3965
Salt	360	4325
Gray shale and gypsum	55	4380
Salt	476	4856
Brown shale	41	4897
Gray shale and gypsum	118	5015
Salt	265	5280
Black shale	40	5320
Gray sandy shale	70	5390
Salt	125	5515
Black shale and sypsum	55	5570
Black limestone	25	5615
Gray sandy shale	20	5590
Gray sandy shale	65	5680
Limestone	10	5690
Molas formation(?):		
Variegated shale, fresh water	173	5863