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NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

Keith Williams, Inc. S. W. Barker Dome Unit
(Company or Operator) (Lease)

Well No. 1, in SE $\frac{1}{4}$ of NW $\frac{1}{4}$ of Sec. 20, T. 31N, R. 15S, NMPM.
Verde-Gallup Pool, San Juan County.

Well is 1950 feet from North line and 2130 feet from West line
of Section 20. If State Land the Oil and Gas Lease No. is _____

Drilling Commenced February 27, 1960 Drilling was Completed March 19, 1960

Name of Drilling Contractor Empire States Drilling Company

Address Farmington, New Mexico

Elevation above sea level at Top of Tubing Head 5637
April 19, 1960 The information given is to be kept confidential until _____

OIL SANDS OR ZONES

No. 1, from 1785 to 1834-0 No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from None to _____ feet.

No. 2, from _____ to _____ feet.

No. 3, from _____ to _____ feet.

No. 4, from _____ to _____ feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8 5/8	24	N	83	None	None	None	Surface
6 1/2	14	N	1613	Guide	None	None	Production
4 1/2	9.5	N	253	None	None	Slotted	Liner

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12	8 5/8	83'	50	B. J. Pump	None	None
7 7/8	6 1/2	1613	99	B. J. Pump	None	None
6	4 1/2	253' Liner	None	None	None	None

RECORD OF PRODUCTION AND STIMULATION

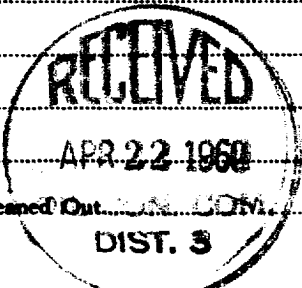
(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

After setting slotted liner in open hole, well was fraced with 1000 barrels lease oil and 50,000 ~~maxx~~ lbs. sand. Well was cleaned up, all 1000 barrels of frac oil recovered and then the well potentialed at 43 barrels per 24 hours.

Result of Production Stimulation IPP 43 BOPD

Depth Cleaned Out CON. CON.

DIST. 3



RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 83 feet to 1613 feet, and from 83 feet to 1845 feet.
Cable tools were used from 0 feet to 83 feet, and from 1613 feet to 1845 feet.

PRODUCTION

Put to Producing April 17 1960
OIL WELL: The production during the first 24 hours was 43 barrels of liquid of which 100 % was oil; 0 % was emulsion; 0 % water; and 0 % was sediment. A.P.I. Gravity 42
GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure lbs.
Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico Northwestern New Mexico

T. Anhy.	T. Devonian	T. Ojo Alamo
T. Salt.	T. Silurian	T. Kirtland-Fruitland
B. Salt.	T. Montoya	T. Farmington
T. Yates	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	T. McKee	T. Menefee
T. Queen	T. Ellenburger	T. Point Lookout
T. Grayburg	T. Gr. Wash.	T. Mancos
T. San Andres	T. Granite	T. Dakota
T. Glorieta	T.	T. Morrison
T. Drinkard	T.	T. Penn.
T. Tubbs	T.	T. Tocito Sd. 1786
T. Abo	T.	T.
T. Penn	T.	T.
T. Miss	T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	12	12	Surface Shale				
12	35	23	Hard Sand Stone				
35	60	15	Hard Blue Shale				
60	80	30	Hard Sandy Shale				
80	100	20	Hard Sandstone				
100	220	120	Shale and silt and sandstrks.				
220	320	100	Sandy Shale				
320	370	50	Hard Black Shale				
370	520	150	Hard Sand Strks.				
520	910	390	Hard Black Shale				
910	940	30	Sand-Siltstone-no show				
940	1785	845	Shale-black/traces silty sand strks.				
1785	1813	28	Tocito Sand-Good Show				
1813	1813	0	Hard Blue White Chert.				
1813	1834	16	Tocito Sand-Good Show				
1834	1855	21	Hard Black shale.				
	1855	T.D.					

STATE OF NEW MEXICO	
OIL CONSERVATION COMMISSION	
AZTEC DISTRICT OFFICE	
NUMBER OF COPIES RECEIVED	4
SANTA FE	
FILE	3
U.S.G.S.	
LAT'D O.F.	
TRANS. CO. H.	OIL GAS
PROD. I.	
OPERATION	

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

April 19, 1960 (Date)

Company or Operator Keith Williams, Inc. Address 1859 Fidelity Union Life Building
Name J. C. Williams Position Title Production-Superintendent