ARTESIA OFFICE COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

P. O. Box 187
Artesia, New Mexico

April 18, 1949

Steinberger & Sanders
P. O. Box 5652
Roswell, New Mexico

Re: L. C. 061780

Gentlemen:

Your "Subsequent Report of Abandonment" dated April 15, 1949, covering your No. 1 Kimes well, located 660 feet from north and east lines of section 11, T. 15S., R. 29E., Wildcat Area, Chaves County, New Mexico, is hereby approved.

Very truly yours,

(Orig. Sgd.) JOHN A. FROST

JOHN A. FROST
District Engineer

JAF:cy
Inspected by Frank B. Stahl
April 13, 1949

Budget Bureau No. 42-R358.
Approval expires 12-30-46.

Form 9-331 a
(March 1942)

(*SUBMIT IN TRIPLICATE*)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Las Cruces
Lease No. 061780
Unit

APR 18 1949
ARTESIA, NEW MEXICO

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	X
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Kimes ~~Steinberger~~ April 15, 1949

Well No. #1 is located 660 ft. from {N/S} line and 660 ft. from {E/W} line of sec. 11

NW ¼ Sec. 11 (¼ Sec. and Sec. No.) 15 South (Twp.), 29 East (Range) N.M.P.M. (Meridian)

Wildcat (Field) Chaves (County or Subdivision) New Mexico (State or Territory)

The elevation of the derrick floor above sea level is ..... ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Confirming Telephone Conversation April 15, 1949, 9:45 am
Plugged back from 3,516 to base sand. Plugged base 8" @ 395
10 sacks. Pulled 40 ft. 8" pipe. Filled hole full of
mud, put up monument, cemented same.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Steinberger-Sanders

Address Artesia
New Mexico

By A. J. Steinberger
P. O. Box 5652
Title Roswell, New Mexico

U. S. GOVERNMENT PRINTING OFFICE 16—8437-2

ARTESIA OFFICE COPY

Form 9-330

Budget Bureau No. 42-R355.
Approval expires 11-30-46.

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 061780
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Steinberger & Sanders Address Artesia, New Mexico Box 398

Lessor or Tract Kines Field Wildcat State New Mexico

Well No. 1 Sec. 11 T. 15 R. 29 Meridian N. M. P. M. County Chaves

Location 660 ft. {N. / S.} of S. Line and 660 ft. {E. / W.} of W. Line of Section 11 Elevation 3885 (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed

Date 10/8/46 Title Operator

The summary on this page is for the condition of the well at above date.

Commenced drilling 12-11-44, 19 Finished drilling 2-17-45, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None to

No. 2, from to

No. 3, from to

No. 4, from to

No. 5, from to

No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 3610 to 3613

No. 2, from to

No. 3, from to

No. 4, from to

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
8"				280'					
8"				395'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8"	380'	10			Mud was used from slush pits
8"	395'	60			

PLUGS AND ADAPTERS

Length Depth set

Heaving plug—Material ..... Length ..... Spun set .....

Adapters—Material ..... Size .....

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Spudder was used

Rotary tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet

Cable tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet

DATES

..... , 19..... Put to producing ..... , 19.....

The production for the first 24 hours was ..... barrels of fluid of which ..... % was oil; ..... % emulsion; ..... % water; and ..... % sediment. Gravity, °Bé. .....

If gas well, cu. ft. per 24 hours ..... Gallons gasoline per 1,000 cu. ft. of gas .....

Rock pressure, lbs. per sq. in. .....

EMPLOYEES

E. H. Britton, Driller Matt Kenney, Driller

C. L. Blount, Driller Clyde Hicks, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	100	100	Red Sand
100	130	30	Red Shale
130	160	30	Red Sand
160	165	5	Red Shale
165	230	65	Red Sandy Shale
230	245	15	Lime Time Shale
245	255	10	Anhydrite
255	275	20	Red Shale
275	305	30	Red Shale
305	310	5	Anhydrite
310	320	10	Red Shale
320	335	15	Red Shale, Sand
335	365	30	Anhydrite
365	385	20	Red Shale
385	1025	640	Salt, Red Shale, Anhydrite Base Salt
1025	1075	50	Red Shale
1075	1095	20	Shale Some Salt
1095	1220	125	Anhydrite & Red Shale
1220	1225	5	Gray Lime
1225	1255	30	Anhydrite, Red Shale
1255	1260	5	Anhydrite
1260	1300	40	Anhydrite, Salt Shale
1300	1375	75	Red Shale
1375	1700	325	Anhydrite, Some Salt, Shale
[illegible]	1800	100	Red Shale
[illegible]	1840	40	Anhydrite

GEOLOGICAL SURVEY
RECEIVED
OCT 8 1948
Artesia, New Mexico

(OVER)

16—42094-2

FORMATION RECORD—CONTINUED

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
1840	1848	8	Anhydrite
1848	1870	22	Red Shale, Red Sand, Tr. Bentonite
1870	1880	10	Red Shale
1880	1910	30	Anhydrite, Red Sand, Red Shale
1910	1930	20	Anhydrite, Red Sand
1930	1940	10	Anhydrite, Red Sand
1940	1950	10	Anhydrite, Red Sand
1950	1960	10	Anhydrite, Red Sand, Trace Salt
1960	1980	20	Red Gray Sand
1980	1992	12	Red Sand, Red Shale, Cavernous Crystalin
1992	2020	28	Red Gyp, Trace Salt
2020	2035	15	Anhydrite, Gypsum, Red Shale, Salt-Cavernous, Crystaline
2035	2060	25	Anhydrite, Gypsum, Red Sand, Sharp firmly cemented
2060	2070	10	Anhydrite, Red Sand
2070	2080	10	Anhydrite, Red Sand, Red Shale
2080	2100	20	Anhydrite, Red Sand - Coarse, loosely cemented & Perous
2100	2110	10	Gypsum, Salt & Red Shale
2110	2150	40	Anhydrite, Red Sand, Light red, Angular & Firmly cemented
2150	2165	15	Crys-selnite gyp & firm red sand, in "Sd. chunks" Much Anhydrite
2165	2232	67	Gray Anhydrite, Trace of Gyp, Red Sand Anhydrite in " Sd. Chunks"
2232	2245	13	Red Anhydrite, firm red sand much anhydrite in "Sd. Chunks"
2245	2255	10	Red Anhydrite, Crys-selnite, gyp, firm red sand Much anhydrite " Sd. Chunks"
2255	2265	10	Red & Gray Anhydrite Crys-selnite gyp, firm red sand " Sd. chunks"
2265	2275	10	Gray Massive Anhydrite Crys-selnite, gyp firm red sand, much anhydrite " Sd Chunks"
2275	2285	10	Gray Massive Anhydrite, trace of Red Sand " " " " Salt reddish pink
2285	2303	18	
2303	2312	9	Gray Massive Anhydrite Trace reddish pink R. R.
2312	2330	18	Gray Massive Anhydrite Pet. Residue red Sd. Light Rd. S. S. angular loosely cemented
2330	2350	20	Gray Anhydrite, Light Red S. S. -more firm with anhydrite , inclusion Rds.
2350	2365	15	Anhydrite, Trace of salt, redrock with anhydrite inclusion
2365	2375	10	Colitic gray lime, very pone, gray anhydrite, massive Rd. S. D. Trace of salt
2375	2385	10	Gray Dolomite, Gr. & Rd. Anhydrite-massive
2385	2400	15	Gray Rd. Anhydrite
2400	2415	15	Gr. Anhydrite & Gr. Sand
2415	2430	15	Missing
2430	2440	10	Gr. Anhydrite, Massive , Red Rock
2440	2460	20	Gr. & Rd. Anhydrite, Coarse Rd. Sd.
2460	2465	5	Missing
2465	2490	25	Gr. Anhydrite, Rd. Sd.
2490	2500	10	Rd. & Gr. Anhydrite, Massive
2500	2510	10	Missing
2510	2520	10	Gr. Anhydrite, Massive
2520	2530	10	Gr. Dolomite, Gr. Cryal, Anhydrite, Dar Rd. S.

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

2530	2540	10	Anhydrite, Dark Rd. Sd.
2540	2550	10	Gr. Crysl. Anhydrite, Light Rd. Sd. fine firmly cemented Rd. S. S.
2550	2560	10	Ditto above
2560	2570	10	Light Gr. Dense Lime, No porosity, Gr. Crysl. Anhydrite, Dark, Rd. Sd.
2570	2585	15	Dense-Poro, Dolomite, Gr. Lime-no porosity, Trace anhy.; Trace Rd. Sd.
2585	2597	12	Dense-Poro, Dolomite, Gr. & Tan Lime
2597	2607	10	" " " " " " Trace of Red Anhydrite
2607	2617	10	Red Lime, Clear White crysl Anhydrite Trace Red Sd.
2617	2626	9	Red Mixed Lime White Crysl Anhydrite Rd. Sd.
2626	2655	29	Dolomite, Mixed Lime, Trace Rd. Sd.
2655	2664	9	Dolomite, Mixed Lime, Anhy, Trace Rd. Sd
2664	2697	33	Dolomite, Mixed Lime Clear White Crysl. Anhy. massive Mixed Rd. Sd.
2697	2710	13	Dolomite, Tan Massive lime, Clear crysl Gyp, probably cave
2710	2725	15	Mixed Lime, Crysl, Anhydrite Dolomite
2725	2750	25	Dolomite, Tan to Gr. lime, Anhydrite, trace of Gyp, probably cave, trace mixed Rd. Sd.
2750	2790	40	Dolomite, Tan to Gr. Lime-Trace Anhydr. trace Gyp, probably cave.
2790	2805	15	Dolomite, Tan to Gr. Lime, Trace Anhy.
2805	2820	15	Dolomite, Tan to Gr. Lime, Gr. Clear Anhydrite, Dark Gr. Rent.
2820	2823	3	Ditto above & Dark Gr. Sd.
2828	2848	20	Dolomite, Tan to Gr. Lime, Slightly Sdy. Pale-real Dark Gr. Platy
2848	2855	7	Dolomite, Slight stained Rd. tan to dul Gr. lime, Lime, Anhydrite, Non-poro slightly Sdy. Gr. Sh.-fine & Sharp
2855	2865	10	Dolomite, Slightly Stained Sd. Light Gr. Lime Anhydrite-non-poro
2865	2875	10	Dolomite Slightly Stained (Slight Crysl (Inclusions)
2875	2882	7	Dolomite, Light to Dark Gr. Lime-non-poro, Slight Stain, Trace Anhydrite, Trace Gr. Sandstone

2882	2905	23	Dolomite, Light to Dark, Gr. Lime, Trace Anhydrite
2905	2933	28	Dolomite, Dark Gr. limestone, Trace Anhydrite, crysl to massive
2933	2938	5	Dolomite, Dark Gr. Limestone, Crysl, to massive, Crysl Anhydrite.
2938	2947	9	Dolomite, Light tan to dark Gry, Crysl, to massive, Trace of Anhydrite
2947	2952	5	Dolomite, "Fuzzy" Crysl., to massive limestone trace Anhydrite
2952	2986	34	Dolomite, " Fuzzy" to dark Gr. crysl. Lime Trace Anhydrit
2986	2996	10	" " " " " " " " "
2996			Trace Redrock
2 996	2XXX	XX 9	Dolomite, " Fuzzy " to dark gr. Crysl, Anhydrite
	3005	XXX	
3005	3016	11	Dolomite " Fuzzy " to dark Gr. Crysl Anhydrite Gr. Sd.
3016	3025	9	Dolomite " " " " " ". Trace Anhy.
3025	3035	10	Dolomite " " " " " "
3035	3042	7	" Fuzzy" to dark Gr. Crysl Anhy
3042	3046	4	"Fuzzy" to dark Gr. Crysl Anhydrite
3046	3063	17	Dolomite, tan crysl. no-poro, crysl lime, trace black Dlomite soft Gr. Sand
3063	3075	12	Dolomite, Tan to dark Brown Cryl lime trace Black Dolomite, trace anhydrite, inclusions, soft Gr. Sd.
3075	3090	1 5	Dolomite, tan to dark brown, limestone trace black Dolomite, trace anhydrite, inclusions, trace Sd.
3090	3092	2	Dolomite, Tan to dark brown, limeston, Trace Black Dolomite, Gr, Sd.
3092	3101	9	Dolomite Tan to dark brown limestone, trace black Dolomite Gr. Sd. Anhydrite inclusions, trace Sh.
3101	3112	11	Dolomite, Tan to Dark Br. Trace of Black Lime, anyhdrite inclusions Trace Black Anhydrite
3112	3126	14	Ditto above
3126	31 42	16	Ditto above also Trace of white lime
3142	3150	8	Ditto Above also Gr. Sd.
3150	3155	5	Ditto above also Trace white lime
3155	3166	11	Ditto abobe also Trace Anhydrite inclusions scattered poro
3166	3176	10	Br. Crysl., lime, trace anhydrite, inclusions Scattered poro
3176	3186	10	Br. Crysl., lime, trace anhydrite, inclustion Scattered poro Appears Sandy
3186	3196	10	Br. Crysl lime to Gr. Trace Black, non poro
3196	3212	16	Br. Crysl lime to light gr. trace black non poro
3212	3230	18	Light Tan lime, black Dolomite, slightly carcareous clear Qtz. Sd.
3230	3240	10	Light Tan lime, trace Dolomite, slightly carcareous Clear Qtz. Sd.
3240	3256	16	Light Tan lime, to Br. Dolomite, Trace2 Sd.
3256	3266	10	Light Tanlime to Br. Trace dolomite
3266	3270 4	Brown	Crysl. lime, Trace Dolomite
3270	3283	1 3	Tan to Br. Crysl, dolomite, Tracd blk, finely granular lime
3283	3327	44	Ditto Above
3327	3334	7	Ditto Above Trace lime, (more FlakyO Tr. Sd. (Prob Cavings)
3334	3352	18	Tan to Br. Crysl, dolomite, trace blk finely granular lime
3352	3366	14	Tan to Br. Crysl, dolomite, trace blk finely granular lime Trace lime (Slight poro) Trace Rd. Sd.
3366	3380	14	Tan to Br. Crysl. dolomite, trace blk finely granular lime Trace limestone, Gr. Sd. (Slight poro)
3380	3388	8	Tan to Br. Crysl. dolomite, Trace Blk finely granular lime Trace Black dolo (nonrporo) limestone
3388	3398	10	Tan to Br. Crysl.dolomite, track blk. finely granular lime Trace Black dolo Tr. Rd. Sd. Non-poro limestone
3398	3409	11	Tran to Br. Crysl dolomite, trace blk finely granular lime Trace Blk Dolo, Trace whit lime non-poro limestone
3409	3424	1 5	Tan to Br. Crysl.dolomite, trace blk, finely granular lime trace dolo, gran sand trace white lime
3424	3432	8	Tan to Br. Crysl dolomite, trace bld finely granular lime
3432	3442	10	Tan to Br. crysl dolomite, traced blk, finely granular lime, Trace gyp, Tr. Rd. Sd.
[illegible]	[illegible]	[illegible]	[illegible] dolomite trace blk finely granular

3446	3455	9	Tan to Br. Crysl dolomite, trace blk finely granular lime Trace chert Trace Gyp Tr. Rd. Sd.
3455	3460	5	Tan to Br. Crysl dolomite, trace blk finely granular lime Trace Chert Blk. Sh. Lime (Oil Sat. no poro, Tr. Rd. Sd.)
3460	3466	6	Tan to Br. crysl, dolomite trace blk limestone chert slightsat no poro
3466	3472	6	Tan to Br. Crysl, dolomite trace blk limeston ch ert slith sat no poro Trace Tr. Rd. Sd.
3472	3480	8	Gr. crysl. lime, limestone, Gr. Dolomite
3480	3488	8 XXX	Tan Crysl lime, liemstone, Tan Dolomite
3488	3508	20	Tan Crysl lime, limestone, Tan dolomite Trace anhydrite
3508	3515	7	Tan crysl lime, anhydrite inclusions scattered porosity, limestone
3515	3522	7	Tan crysl lime granular, non-poro limestone
3522	3532	10	Tan to Br. Dolomite, br. limestone, highly crysl granular
3532	3542	10	Tan to Br. Dolomite, Br. limestone, highly crysl granular, scattered poro
3542	3554	12	Tan to Br. Dolomite, Br. limestone, hightly crysl granular No poro observed
3554	3568	14	Tan to Br Dolomite (lighter), Br. limestone, highly Crysl granular No poro observed
3568	3580	12	Tan to Br. Dolomite (lighter), Br. limeston, highly crysl granular (Slightly scattered poro)
3580	3595	15	Tan to Br. Dolomite (lighter), Br. limestone, highly crysl granular (non Poro)
3595	3605	10	Tan to Br. Dolomite (lighter), Br. limestone, highly crysl granular (slight oil stain)
3605	3613	8	Light tan dolomite, tan limestone, highly crysl, granular, very slight oil stain scattered poro

Total Depth 3613 - SLM 3613 Cor. 3616

No Water was reported anywhere in well
No free oil was reported anywhe re in well.

Note: Mud was used from slush pits, therefore, samples badly contaminated.

Corrected wire line measurement - 3616' by Halliburton

Plugging -
15 sacks cement, bottom
10 sacks cement base salt - 1025'
10 sacks cement top salt - 380'
XX 8" pipe left in hole 380'

Drillers Tops (T. Salt 380'
(B. Salt 1025'
(T lime 2568'.

Temp. Abandonment 2-17-45