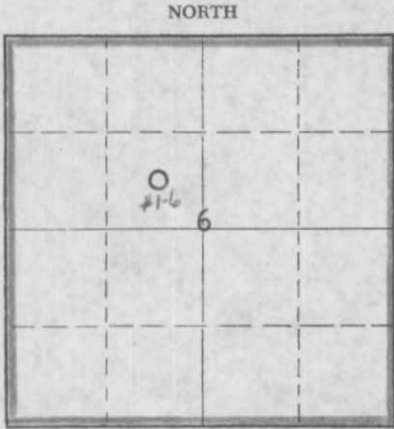


STATE OF KANSAS
STATE CORPORATION COMMISSION

15-203-30053-00-00
WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
212 North Market, Insurance Bldg.
Wichita, Kansas

Wichita County, Sec. 6 Twp. 18S Rge. (E) 36 (W)
Location as "NE/CNW/SW" or footage from lines C-NW-SE 1980' FNL & FWL
Lease Owner Union Oil Company of California
Lease Name C. F. Allen Well No. 1-6
Office Address 2000 Classen Center 7th Floor - So. Bldg. - Okla City
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed July 12, 19 66
Application for plugging filed July 13, 19 66
Application for plugging approved July 13, 19 66
Plugging commenced July 14, 19 66
Plugging completed July 15, 19 66
Reason for abandonment of well or producing formation Dry Hole



Locate well correctly on above Section Plat

If a producing well is abandoned, date of last production - 19
Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well W. L. Nichols
Producing formation None Depth to top - Bottom - Total Depth of Well 5599 Feet
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
-	-	-	-	8-5/8"	383'	None
Hugoton	Dry	2743'	2800'	4-1/2"	2928'	840'

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from 2789' feet to Surface feet for each plug set.
Set 25 sx cmt plug @ 2455' to 2789'. Cut 4 1/2" casing at 840' and recovered 25 jts. & 2 pcs. (840') of 4 1/2" OD casing. Set 25 sx. cmt. plug 2135'-2222', Set 40 sx. cmt plug 313'-453' & set 10 sx. cmt. plug @ 0'-30'. Welded steel cap on 8-5/8" casing 3' below ground level.
Well plugged & abandoned @ 6 PM 7/15/66.

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JUL 20 1966
CONSERVATION DIVISION
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Gibbons & Slentz
Address Guymon, Oklahoma

STATE OF Oklahoma, COUNTY OF Oklahoma, ss.
I, L. W. Henshaw Jr. (employee of owner) of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

(Signature) L. W. Henshaw Jr. Dist. Drlg. Supt.
2000 Classen Center 7th Floor South Bldg.
Oklahoma City, Oklahoma
(Address)

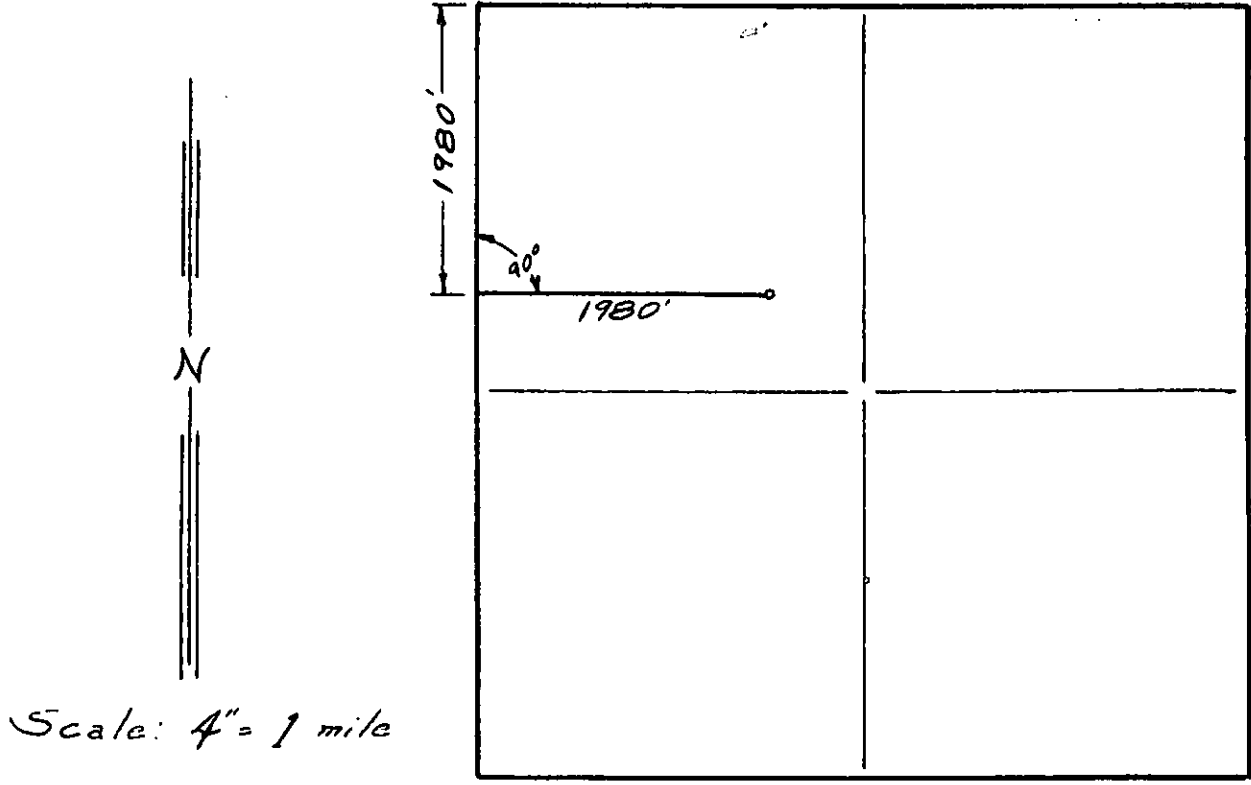
SUBSCRIBED AND SWORN TO before me this 19th day of July, 19 66

My commission expires April 14, 1968 Notary Public.



SECTION 6, TOWNSHIP 18 SOUTH, RANGE 36 WEST

WICHITA COUNTY, KANSAS



ALLEN No. 1-6

WELL LOCATION
FOR
UNION OIL CO. OF CALIFORNIA

I hereby certify this to be a true and correct plat of a well location survey made by me May 19, 1966 in Section 6, Township 18 South, Range 36 West of the 6th P.M. in Wichita, County, Kansas.

Robert H. Jones
Robert H. Jones, P.E.
Consulting Engineer
Garden City, Kansas



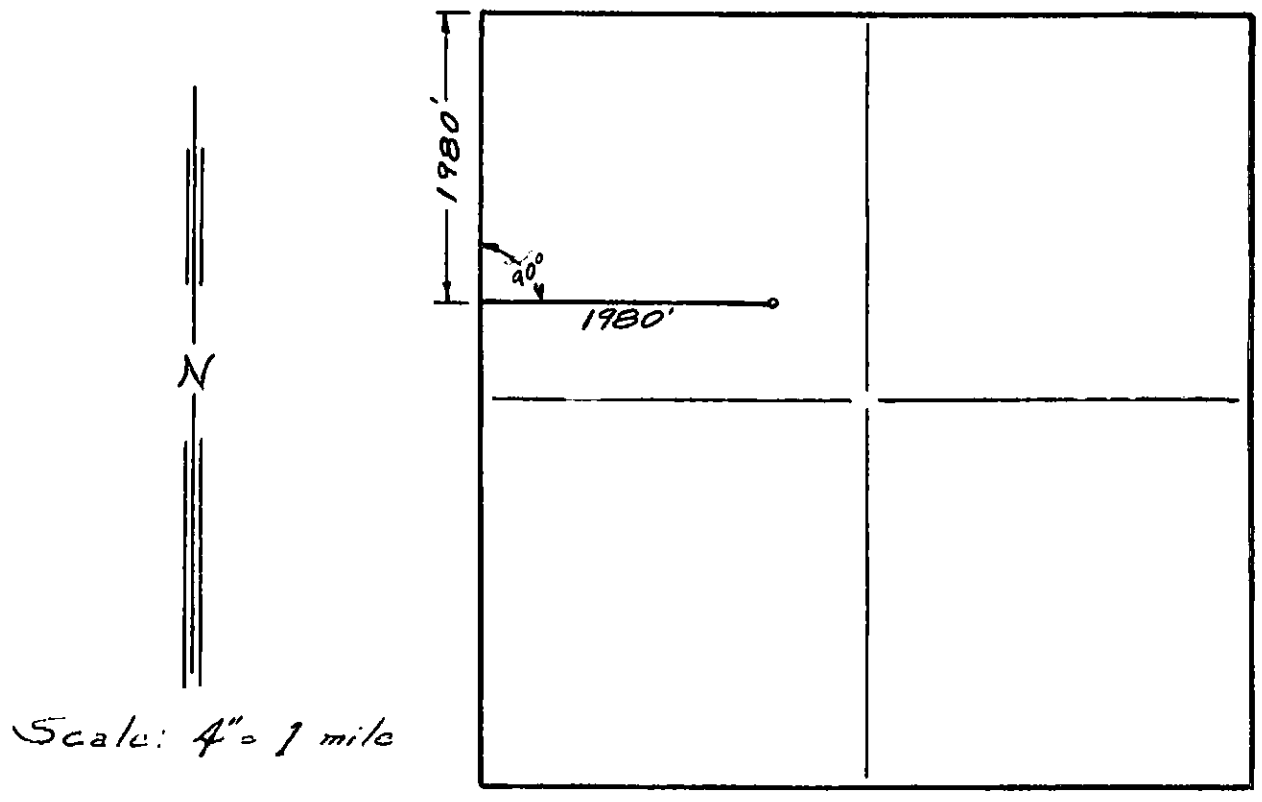
RECEIVED
STATE SURVEY AND COMMISSION

JUL 20 1966

OFFICE OF THE STATE SURVEY AND COMMISSION
WICHITA, KANSAS

SECTION 6, TOWNSHIP 18 SOUTH, RANGE 36 WEST

WICHITA COUNTY, KANSAS



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STATE OF KANSAS DEPARTMENT OF REVENUE

JUL 20 1966

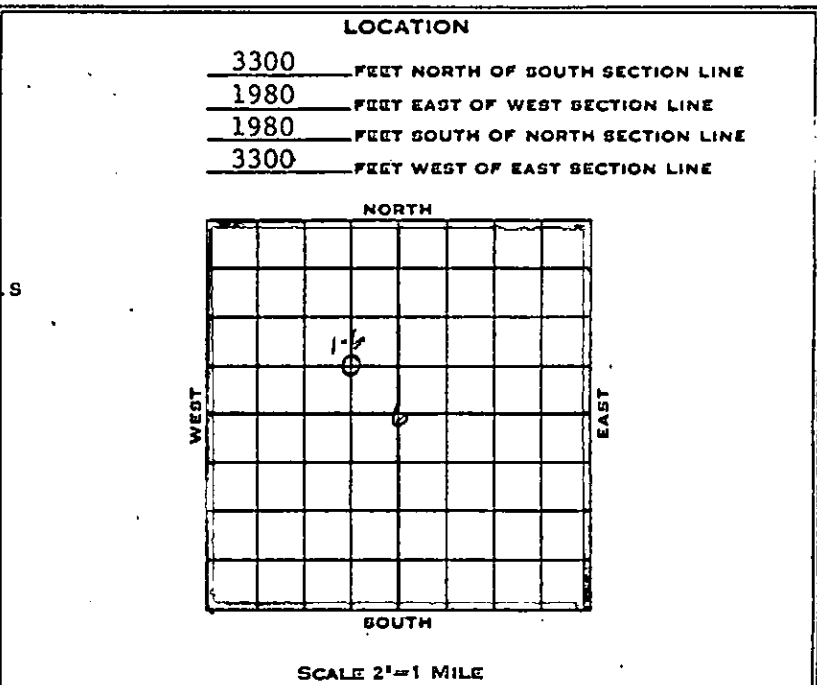
CONSERVATION DIVISION
STATE OF KANSAS

WELL LOG AND RELATED DATA

DIVISION Central DISTRICT Okla. City LEASE Allen, C. F.
 WELL NO. 640 TRACT NO. - APT. NO. LL 1001-CD ELEVATION Grd. 3310' DF 3319'
 LOT NO. 6 TWP. 18S RGE. 36W PRCT.-DIST.-TWP. _____
 COUNTY Washita STATE Kansas

LOG	TO	TOTAL	FORMATION
0	250		Surface Sd. & shale
250	1212		Sand & Shale
1212	1432		Shale & Shells
1432	1652		Red Bed & shale
1652	1752		Shale & Anhydrite
1752	2040		Salt
2040	2343		Shale, Red Bed & shells
2343	2605		Lm, Sh. & Red Bed
2605	2922		Shale & Lime
2922	3000		Shale
3000	3238		Lime & shale
3238	3302		Shale
3302	3325		Lime
3325	3410		Shale & Lime
3410	3594		Lime & shale
3594	3700		Shale & lime
3700	4415		Lime & shale
4415	4490		Lime w/shale
4490	4578		Lime & shale
4578	4771		Lime
4771	4880		Lime, sand & shale
4880	4915		Lime & shale
4915	4983		Lime
4983	5010		Hard Lime
5010	5079		Lime
5079	5102		Lime & chert
5102	5230		Lime
5230	5237		Warsaw Chert
5237	5280		Chert & lime
5280	5300		Lime & chert
5300	5337		Cherty Lime
5337	5363		Lime & chert
5363	5599		Lime
5599			Total Depth

PLUG BACK
 5599 2896 2703 Cement
 2896 E.T.D.



CASING AND CEMENTING RECORD	
SIZE CASING	8 5/8" 4 1/2"
THREAD	8R 8R
WEIGHT	24# 9.5#
GRADE	J-S J-S
CONDITION	A A
SET AT	383 2928
SACKS CEMENT	300 125
SIZE OF HOLE	12 1/4" 7"

Pulled 25 jts. & 1 pcs (840') 4 1/2" OD casing
 7/17/66. Leaving 2088' in hole.

LINER RECORD						
SIZE	WT.	COND.	LENGTH	BLANK	PERF.	SET AT

GUN PERFORATING RECORD					
DATE	CASING	FROM	TO	SIZE SHOTS	NO. SHOTS
6-24-66	4 1/2"	2792	2800	Jet	16
6-26-66	4 1/2"	2782	2785	"	6
"	"	2753	2773	"	40
"	"	2743	2749	"	12

SHOT OR ACID RECORD				
DATE	TOP	BOTTOM	SHOT-ACID	REMARKS
6-25-66	2792	2800	Acid	500 gals.
6-27-66	2782	2785	"	250 gals.
6-28-66	2782	2785	"	750 gals.
6-28-66	2743	2785	"	2000 gals.

DRILLING: COMMENCED 6/1/66 COMPLETED 6/18/66
 ELECTRICAL SURVEY BY Schlumberger DATE 6/18/66
 DRILLED WITH Earl Wakefield Drlg. Co. - Rotary TOOLS _____
 DRILLED IN WITH " " " " " TOOLS _____
 FIRST PROD.—NAT. DATE - HRS. Dry Hole BBLs. _____ OIL _____
 WATER _____ M CU. FT. GAS _____ LBS. ROCK PRESS. _____
 SHOT
 FIRST PROD. AFTER ACID—DATE _____ HRS. _____ BBLs. _____ OIL _____
 WATER _____ M CU. FT. GAS _____ LBS. ROCK PRESS. _____
 GAS/OIL RATIO _____ POTENTIAL _____ BBLs. _____
 GRAVITY _____ TEMP. _____ GRADE _____

Dry Hole

DIVISION OF INTEREST
 Union Oil Co. of Calif. 100%

DATE ABANDONED—ECCD P & A July 15 19 66

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 JUN 20 1966
 CONSERVATION DIVISION

FROM	TO	TOTAL	FORMATION	FROM	TO	TOTAL	FORMATION
<u>ADDITIONAL WELL DATA</u>				<u>WATER FRAC:</u> 7- 1-66			
<u>ANGULAR DEVIATIONS</u>				Dowell made water frac thru perms. 2743-2800' w/20,000 gals. 3% gelled wtr. & 20,000# 20/40 sand & 50 RCN balls @ 975# @ 55 bpm. F.L. @ 1300'.			
		Degrees		<u>TRACER SURVEY</u> 7- 5-66			
<u>Depth</u>		<u>Off Vertical</u>		Rosel ran tracer survey & found fluid exit @ 2792-2800' & channeled down to 2826' & away.			
333		3/4		<u>CEMENT SQUEEZE:</u> 7- 7-66			
1200		1/2		Howco set S.V.D.C. retainer @ 2790' & squeezed perms. 2792-2800' w/100 sx. 50-50 Poz. Drld. cmt. 2040'-2789'			
1650		1/2		<u>ACID:</u> 7-11-66			
2400		1/4		Spot 250 gals. over perms. 2743-2785 formation broke @ 400# decreasing to Vac. immediately. Swab 21 bbls. wtr., no gas.			
2900		3/4		<u>WELL DRY</u>			
3200		1/4		<u>PLUGGING RECORD</u>			
3653		1/4		Set 25 sx. plug @ 2789-2455'. Cut 4 1/2" csg. @ 840' & recovered 25 jts. & 2 pcs. (840') of 4 1/2" csg.			
4015		3/4		Set 25 sx. plug @ 2222'-2135'			
4294		3/4		Set 40 sx. plug @ 453'- 313'			
4450		3/4		Set 10 sx. plug @ 0'- 30'			
5257	1	1/2		Welded steel cap on 3 5/8" csg. 3' below ground level. Well plugged & abandoned @ 6 PM 7/15/66.			
<u>CASING RECORD</u> 6-19-66							
Set 4 1/2" OD csg. @ 2528' w/125 sx. 50-50 Poz. w/2% CCl ₂ . Full returns at all times, plug down & cmt. in place @ 12:30 AM 6-20-66.							
Ran temp. survey, indicated top of cmt. behind 4 1/2" @ 2550'. Checked E.T.D. @ 2896'.							
<u>PERFORATE:</u> 6-24-66							
Schlumberger perforated 4 1/2" csg. in the Hugoton formation 2792-2800' w/12 jet shts/ft.							
<u>ACID</u> 6-25-66							
Dowell acidized Hugoton thin perms. in 4 1/2" csg. 2792-2800' w/500 gals. mud and @ 1000# @ 1/4 bpm. Flushed w/12 bbls. fresh wtr. I.S.D.P. 50# - Vac/1 1/2 min. Rec. 10 of 24 load.							
<u>PERFORATE:</u> 6-26-66							
Dowell perforated Hugoton 2782' - 2785', 2753-75, 2743-49' w/2 csg. jets/ft.							
<u>ACID</u> 6-27-66							
Dowell acidized perms. 2782-2785 w/250 gals. 15% mud acid @ 25# @ 2.5 bpm. ISDP Vac.							
<u>ACID:</u> 6-28-66							
Dowell acidized perms. 2782-85 w/750 gals. 15% mud acid @ 900# @ 4.5 bpm. (Strong blow on csg. while treating)							
<u>ACID:</u> 6-28-66							
Dowell acidized perms. 2743-85' w/2000 gals. 15% reg. W/NE & LST & 75 RCN balls @ 2000# @ 4.5 bpm & balled off.							