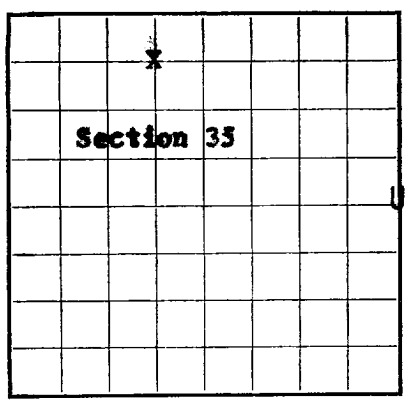
N. M. O. C. C. COPY

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

Form 9-330

U. S. LAND OFFICE NEW MEXICO
SERIAL NUMBER NM-0890-C
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

RECEIVED
OCT 14 1960
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
NOV

LOG OF OIL OR GAS WELL

Company El Cinco Production Co., Ltd Address Box 1026 Midland, Texas

Lessor or Tract Shell-Federal Field Wildcat State New Mexico

Well No. 1 Sec. 35 T. 20S R. 33E Meridian NM PM County Lea

Location 660 ft. {N. / S.} of N Line and 1980 ft. {E. / W.} of W Line of Sec 35 Elevation 3670 (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 Bill Green

Date October 10, 1960 Title Office Manager

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

Commenced drilling 2-26, 19 60 Finished drilling 3-16, 19 60

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from ____ to ____ No. 4, from ____ to ____

No. 2, from ____ to ____ No. 5, from ____ to ____

No. 3, from ____ to ____ No. 6, from ____ to ____

IMPORTANT WATER SANDS

No. 1, from ____ to ____ No. 3, from ____ to ____

No. 2, 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 5/8	24	8	Reject	300	Halliburton				Surface
4 1/2	9.5	8	LoneStar	3420	Halliburton	2486	3420	3414	Oilstring

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	303	200	Plug&Pump	Cemented to Surface	
4 1/2	3423	125	Plug&Pump		

PLUGS AND ADAPTERS

Heaving plug—Material ____ Length ____ Depth set ____

Adapters—Material ____ Size ____

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from 0 feet to 3423 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

____, Driller ____, Driller

____, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	57	57	Surface sand and Caliche
57	1470	1413	Red Beds
1470	2980	1510	Anhydrite and salt
2980	3032	52	Anhydrite
3032	3148	116	Dolomite
3148	3412	264	Sand and Dolomite
3412	3423	264	Dolomite

~~Log~~ Tops:

Base of Salt 2980' (+690')
Winkler Dolomite 3032' (+638')
Yates 3148' (+522')
Seven Rivers 3412' (+258')

[OVER]

16—43094-4

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

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.

Spudded 2-26-60. Drilled 12 ¼" hole to 303' and cemented 8 5/8" casing at 303' with 300 sacks of cement. Drilled 7 7/8" hole to 3423 and cemented 4½" 9.5# casing with 125 sacks cement. Ran Sonic Log and Latendog. DST #1 3360-3387 recovered 842' oil cut sulphur water. DST #2 3404-3415 recovered 285' oil and 40' water. Shot casing free at 2846 and spotted cement plugs. Well completed P&A 4-30-60.