

RECEIVED

Budget Bureau No. 42-R368.4.
Approval expires 12-31-60.

(SUBMIT IN TRIPLICATE)

Land Office **Las Cruces**Lease No. **026734-c**Unit **Keely C**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		
Subsequent Report of Acid & Frac		X

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

Loco Hills, New Mexico Aug. 15, 1957

Well No. **C 41** is located **1345** ft. from **N** line and **2615** ft. from **W** line of sec. **26**

N 1/4 Sec. 26 (1/4 Sec. and Sec. No.)	17S (Twp.)	29E (Range)	N.M.P.M. (Meridian)
Grayburg-Keely (Field)	Eddy (County or Subdivision)	New Mexico (State or Territory)	

The elevation of the derrick floor above sea level is **3562** ft.

DETAILS OF WORK

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

RECORD OF ACID & FRAC:

8- 3 Washed with 110 gallons HCL.

8- 4 Ran 2612' of 5 1/2" OD 17# casing & 59' of 3" EUE tubing with Guiberson 3" EUE x 5 1/2" OD LV packer on bottom at 2678'.

8- 5 Loaded frac string with 12 bbls. 20% SLT HCL & 55 BO. Pressured up under packer with 1000 psig and loaded annulus with 30 BO. Broke down with 72 BO & followed with 776 BO containing 30,000# 40-60 & 30,000# 20-40 Ottawa sand. Flushed with 152 BO. Max. inj. press. 2500 psig; minimum 2100; SIP 1500. Total inj. time 32 1/2 minutes. Avg. inj. rate 30.6 B.P.M. Load oil to res. 1085 BO.

RESULTS OF ACID & FRAC:

8- 6 After shut in 20 hrs., pressure 185 psig.

8- 7 Flowed 940 BO in 24 hrs. thru 3/4" tubing choke.

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

Company **GENERAL AMERICAN OIL CO. OF TEXAS**Address **P. O. BOX 416****LOCO HILLS, NEW MEXICO**By **R. J. Heard**
R. J. Heard
Title **Field Supt.**

General American Oil Co. of Texas

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Subsequent Report of Acid & Frac, Kealy C 41.

August 15, 1957

RESULTS OF ACID & FRAC (Cont'd):

8- 8 Flowed 730 BO in 24 hrs. thru 3/4" tubing choke. NET Oil 585 bbls.

SUBSEQUENT TESTS:

8-11 Flowed 50 BO in 2 hrs. thru 1 1/2" tubing choke.

On 1990-01-10, the following information was received from the
Department of Health, Education and Welfare, Ottawa, Ontario:

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Department of Health, Education and Welfare, Ottawa, Ontario:
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Department of Health, Education and Welfare, Ottawa, Ontario:

Form 9-330

AUG 26 1957

U. S. LAND OFFICE Las Cruces

SERIAL NUMBER 625784(e)

LEASE OR PERMIT TO PROSPECT

Keely C

CR. COMM. COMM.
ARTESIA OFFICE

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company General American Oil Co. of Texas Address P. O. Box 416, Loco Hills, N. M.
Lessor or Tract Keely C Field Grayburg-Keely State New Mexico
Well No. 41 Sec. 26 T. 17S R. 29E Meridian N.M.P.M. County Eddy
Location 1345 ft. NW of N Line and 2614 E of W Line of Section 26 Elevation 3582
(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 R. J. Heard

Date August 13, 1957

Title Field Superintendent

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

Commenced drilling 6-30-57, 1957 Finished drilling 8-3, 1957

ADDITIONAL OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 3319 to 3321 No. 4, from _____ to _____
No. 2, from 3340 to 3346 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 _____

ADDITIONAL CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>5 1/2"</u>	<u>170</u>	<u>8</u>	<u>Steel</u>	<u>642'</u>	<u>Plug</u>				<u>Production</u>
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>5 1/2"</u>	<u>2654-3312</u>	<u>35</u>	<u>Pump & Plug</u>	<u>None</u>	<u>None</u>

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
		<u>Material</u>			<u>24' treated</u>	
		<u>20% NGL</u>	<u>500 gals.</u>	<u>8-5-57</u>	<u>3312-3384</u>	
		<u>Crude Oil</u>	<u>32,000</u>			
		<u>Oil-sand</u>	<u>60,000 lbs.</u>			

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 2885 feet to 3384 feet, and from _____ feet to _____ feet

DATES

Put to producing _____, 1957
The production for the first 24 hours was 412 barrels of fluid of which 100 % was oil; 57 %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 100
If gas well, cu. ft. per 24 hours _____ Gravity, °API 37.0°
Rock pressure, lbs. per sq. in. _____ Gallons gasoline per 1,000 cu. ft. of gas _____

EMPLOYEES

_____, Driller _____, Driller
Leo Dodd, Driller Max Stephens, Driller
H. H. McDonald, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>2885</u>	<u>3298</u>	<u>413</u>	<u>Lime.</u>
<u>3298</u>	<u>3302</u>	<u>4</u>	<u>Silt/</u>
<u>3302</u>	<u>3312</u>	<u>10</u>	<u>Sandy Lime.</u>
<u>3312</u>	<u>3384</u>	<u>72</u>	<u>Lime.</u>

FROM—

TO—

TOTAL FEET

(OVER)

FORMATION

10-43094-4

FORMATION RECORD—CONTINUED

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

A blank sheet of graph paper featuring a uniform grid of small squares. The grid consists of approximately 20 columns and 20 rows, creating a series of small, identical squares across the entire page. The lines are thin and dark, set against a light background. There is no text or other markings on the paper.

LOCATE WELL CORRECTLY

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

Date: 12/15/1977
Time: 10:00 AM

Signed: [Signature]

OIL OR GAS SANDS OR LOMES

(To be completed by A)

No. 1, from _____ to _____	_____
No. 2, from _____ to _____	_____
No. 3, from _____ to _____	_____

IMPORTANT WATER SANDS

No. 1, from _____ to _____	_____
No. 2, from _____ to _____	_____

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 keep water from coming in, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE

FROM—		TO—		TOTAL FEET		FORMATION	
3315	3320	3315	3320	5	5	Gravelly sand.	
3320	3325	3320	3325	5	5	Gravelly sand.	
3325	3330	3325	3330	5	5	Gravelly sand.	
3330	3335	3330	3335	5	5	Gravelly sand.	
3335	3340	3335	3340	5	5	Gravelly sand.	
3340	3345	3340	3345	5	5	Gravelly sand.	
3345	3350	3345	3350	5	5	Gravelly sand.	
3350	3355	3350	3355	5	5	Gravelly sand.	
3355	3360	3355	3360	5	5	Gravelly sand.	
3360	3365	3360	3365	5	5	Gravelly sand.	
3365	3370	3365	3370	5	5	Gravelly sand.	
3370	3375	3370	3375	5	5	Gravelly sand.	
3375	3380	3375	3380	5	5	Gravelly sand.	
3380	3385	3380	3385	5	5	Gravelly sand.	
3385	3390	3385	3390	5	5	Gravelly sand.	
3390	3395	3390	3395	5	5	Gravelly sand.	
3395	3400	3395	3400	5	5	Gravelly sand.	
3400	3405	3400	3405	5	5	Gravelly sand.	
3405	3410	3405	3410	5	5	Gravelly sand.	
3410	3415	3410	3415	5	5	Gravelly sand.	
3415	3420	3415	3420	5	5	Gravelly sand.	
3420	3425	3420	3425	5	5	Gravelly sand.	
3425	3430	3425	3430	5	5	Gravelly sand.	
3430	3435	3430	3435	5	5	Gravelly sand.	
3435	3440	3435	3440	5	5	Gravelly sand.	
3440	3445	3440	3445	5	5	Gravelly sand.	
3445	3450	3445	3450	5	5	Gravelly sand.	
3450	3455	3450	3455	5	5	Gravelly sand.	
3455	3460	3455	3460	5	5	Gravelly sand.	
3460	3465	3460	3465	5	5	Gravelly sand.	
3465	3470	3465	3470	5	5	Gravelly sand.	
3470	3475	3470	3475	5	5	Gravelly sand.	
3475	3480	3475	3480	5	5	Gravelly sand.	
3480	3485	3480	3485	5	5	Gravelly sand.	
3485	3490	3485	3490	5	5	Gravelly sand.	
3490	3495	3490	3495	5	5	Gravelly sand.	
3495	3500	3495	3500	5	5	Gravelly sand.	
3500	3505	3500	3505	5	5	Gravelly sand.	
3505	3510	3505	3510	5	5	Gravelly sand.	
3510	3515	3510	3515	5	5	Gravelly sand.	
3515	3520	3515	3520	5	5	Gravelly sand.	
3520	3525	3520	3525	5	5	Gravelly sand.	
3525	3530	3525	3530	5	5	Gravelly sand.	
3530	3535	3530	3535	5	5	Gravelly sand.	
3535	3540	3535	3540	5	5	Gravelly sand.	
3540	3545	3540	3545	5	5	Gravelly sand.	
3545	3550	3545	3550	5	5	Gravelly sand.	
3550	3555	3550	3555	5	5	Gravelly sand.	
3555	3560	3555	3560	5	5	Gravelly sand.	
3560	3565	3560	3565	5	5	Gravelly sand.	
3565	3570	3565	3570	5	5	Gravelly sand.	
3570	3575	3570	3575	5	5	Gravelly sand.	
3575	3580	3575	3580	5	5	Gravelly sand.	

FORD **WALK**