

## HAMILTON DOME OIL COMPANY, LTD.

Carlson N 25 No. 2

### Well History

Spudded, Aug. 30, 1959 making 17½" hole to 430'. Set and cemented 409.59' of new 13 3/8" H-40, 48# ST&C Rg. 3 YGSTN csg. at 430' using 435 sks. neat cmt., circulated, 8-31-59. Drilled 12¼" rotary hole to 3306'. Set and cemented 3290.95' of new 9 5/8" 36# J-55 LT&C Rg. 2 & 3 YGSTN csg. at 3306' using 600 sks. cmt.: 500 sks. 50/50 portland and pozmix, 100 sks. neat first stage. 2nd stage fr. 917.22' using 400 sks. 50/50 Portland/pozmix w/4% gel circulated. Drilled 8 3/4" rotary hole fr. 3306' to 7715', T.D. Plugged back using neat cmt. to 5920' as follows: 7460' to 7420' w/40 sks.; 7050' to 6920' w/60 sks.; 5995' to 5920' w/20 sks. Drilled top plug to 5930'. Set and cemented 5044.38' of new 7" J-55 23# csg., 778.45' of new 7" N-80 23# csg. and 92.77' of new 7 5/8" 26.40# J-55 csg., total 5915.60' at 5928' using 500 sks. 50/50 pozmix w/2% gel. Temp. survey indicated top cmt. at 1830'. D.S.T. #1: 9-26-59, from 5215' to 5391', rec'd 650' S.O. & G.C.M. (drlg. fluid), tool open 1 hr. 45", F.S.I.P. 230#. D.S.T. #2: 9-30-59, from 5739' to 5799', rec'd. 30' free oil & 30' H.O. & G.C.M., reversed out 23 B.O., gas to surface in 37", F.S.I.P. 2320#, tool open 2 hrs. D.S.T. #3, 10-2-59, from 5820' to 5900', rec'd. 120' S.O. & G.C.M., reversed out 750' of S.G.C.M., tool open 2 hrs., F.S.I.P. after 30", 490#. D.S.T. #4: 10-3-59, from 5905' to 5966', rec'd. 1170' sulphur water, tool open 2 hrs. S.I.P. after 30", 2450#. D.S.T. #5: 10-10-59, from 6913' to 6943', rec'd. 240' O.C. sulphur water, tool open 2 hrs. F.S.I.P. after 30", 2230#. D.S.T. #6: 10-26-59, perf. csg. 5845' to 5846' w/four 1/2" shots, rec'd 30' S. wtr., Press. test w/3100 p.s.i. for 30" w/o loss. D.S.T. #7: 10-26-59, perf. csg. 5680' to 5681' w/four 1/2" shots, tool open 2 hrs., rec'd 45' free oil, 2205' salt wtr. gas to surface in 17". Squeezed perf. w/100 sks. portland neat cmt. to 2100 p.s.i., 10-28-59. Drilled cmt. and tested 10-30-59 w/3000# w/o loss press. D.S.T. #8: 11-1-59, perf. csg. from 5100' to 5101' w/four 1/2" holes, tool open 1 hr., rec'd. 50' drlg. fluid, test csg. w/3100# w/o loss of pressure. Perf. csg. 4 shots per ft. from 5722' to 5742'; 5755' to 5779' and 5794' to 5824'. Prod. 10 B.O.P.H. natural. Acidized w/1000 gal. Dowell Break-down acid first stage and 5000 gal. Dowell W-24 acid second stage. Prod. 252 B.O. 9 hr. on 16/64" choke with no water. Set Baker Model D packer at 5600'. Perforate csg. from 5004' to 5028' and 5036' to 5058'. Prod. 15 gal. oil per hr. swabbed natural. Acidized w/1000 gal. Dowell Break-down acid first stage and 6000 gal. Dowell W-24 acid second stage. Flowed 19.12 B.O. 2 hr. on 1/4" choke, T.P. 350# with no water. GOR/Tubbs after acid 1200/1 and GOR/Blinbry 1350/1.

Awaiting dual-completion approval by O.C.C. and co-mingling permit.

# REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well  
Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Jal, New Mexico

11-4-59

(Place)

(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

**Hamilton Dome Oil Company, Ltd.** Carlson B. 25, Well No. 2, in SE 1/4 SE 1/4,  
(Company or Operator) (Lease)

**P**, Sec. 25, T. 25S, R. 37E, NMPM, **Justis Blinebry** Pool  
Unit Letter

**Lea**

Please indicate location:

County Lea Date Spudded 8-30-59 Date Drilling Completed 10-22-59  
Elevation 3054 Total Depth 7715 FRTD 5930

Top Oil/Gas Pay 5004' Name of Prod. Form. Blinebry

PRODUCING INTERVAL -

Perforations 5004' to 5028' and 5036' to 5058'

Open Hole No Depth 5928 Casing Shoe 5140'  
Tubing

OIL WELL TEST -

Natural Prod. Test: 15 gal. oil, no bbls water in 1 hrs, - min. Choke Size -

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): 19.12 bbls oil, no bbls water in 2 hrs, - min. Choke Size 1/4

GAS WELL TEST -

Natural Prod. Test: - MCF/Day; Hours flowed - Choke Size -

Method of Testing (pitot, back pressure, etc.): -

Test After Acid or Fracture Treatment: - MCF/Day; Hours flowed -

Choke Size - Method of Testing: -

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): 1,000 gal. brk. dn. acid. 6,000 gal. W24 acid

Casing Pkr. Tubing 320# Date first new 11-4-59  
Press. oil run to tanks

Oil Transporter Texas New Mexico Pipe Line Company

Gas Transporter El Paso Natural Gas Company

Tubing, Casing and Cementing Record

| Size   | Feet | SAX |
|--------|------|-----|
| 13 3/8 | 410  | 300 |
| 9 5/8  | 3291 | 600 |
| 7      | 5916 | 500 |
|        |      |     |

Remarks: This well is the upper completion of a Blinebry-Tubbs completion subject to administrative approval GOR Blinebry completion 1350/1.

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved: 11-4-59, 19

**Hamilton Dome Oil Company, Ltd.**

(Company or Operator)

OIL CONSERVATION COMMISSION

By

(Signature)

By: [Signature]

Title District Superintendent

Send communications regarding well to:

**J. G. Benton**

Box 1381, Jal, New Mexico