Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [ ] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [X] Other

2. NAME OF OPERATOR: Continental Oil Company

3. ADDRESS OF OPERATOR: P. O. Box 3312, Durango, Colorado

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface 1606' FNL, 928' FWL - NW/4
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.: 36

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Jicarilla Apache

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Northeast Haynes

9. WELL NO.: 5

10. FIELD AND POOL, OR WILDCAT: Undesignated Gallup

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 22, T24N, R5W

14. PERMIT NO. / DATE ISSUED

12. COUNTY OR PARISH: Rio Arriba

13. STATE: New Mexico

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
5/25/62	6/8/62	8/21/63	6706' RB* 6692' GR	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
6855'	6837'		→	0-6855'	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 5643' - 5860' - Gallup

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: Correlation

27. WAS WELL CORED: No

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	305'	12-1/4"	190 sacks regular	None
5-1/2"	15.5#	1613'	7-7/8"	420 sacks regular	None
5-1/2"	14#	6855'		245 sacks regular	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	5589'	6655' MOR @ 5589'

31. PERFORATION RECORD (*Interval, size and number*)

2 shots per foot: 5643' - 5655'
5660' - 5688'
5800' - 5860' 5706' - 5730'
5736' - 5746'
5750' - 5760'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5643'-5860'	50,000# sand, 1600# "ADOMITE AQUA" additive, 1680 bbls. water w/1% CaCl

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
8/21/63	Pumping 2"x1½"x16' Oilmaster	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8/21/63	24	Open		110	220	72	2000

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): Sold - El Paso Natural Gas Company

TEST WITNESSED BY: A. E. Chapman

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

ORIGINAL SIGNED BY

SIGNED FRED VAN MAFFE TITLE District Engineer DATE 11/1/63

*(See Instructions and Spaces for Additional Data on Reverse Side)

USGS(3) NMOCC(2) GRG HDH

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Pictured Cliffs	2404'	2425'	Gas
Mesaverde	3937'	4675'	Gas
Gallup	5640'	5890'	Oil
Dakota "J"	6768'	6838'	Gas

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Surf.Sand & Shale	0	
Pictured Cliffs	2395'	
Mesa Verde	3935'	
Mancos	4675'	
Gallup	5645'	
Greenhorn	6556'	
Graneros	6636'	
Dakota	6674'	

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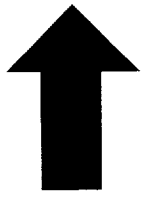

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Job separation sheet

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NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

(Form C-104)
Revised 7/1/57

REQUEST FOR ([redacted] - (GAS) ALLOWABLE

New Well
[redacted]

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 QUADRUPLICATE 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.

Durango, Colorado (Place) July 18, 1962 (Date)

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

Continental Oil Company (Company or Operator), H. E. Haynes (Lease), Well No. 5, in SE ¼ NW ¼,

E (Unit Letter), Sec. 22, T. 24N, R. 5W, NMPM., Basin Dakota Pool

Rio Arriba County. Date Spudded 5-25-62 Date Drilling Completed 6-8-62

Elevation 6706' RB Total Depth 6855' RB PBTD 6837' RB

Top Oil/Gas Pay 6768' RB Name of Prod. Form. Dakota

PRODUCING INTERVAL -

Perforations 6800' RB

Open Hole ____ Depth Casing Shoe 6855' RB Depth Tubing 6787' RB

OIL WELL TEST -

Natural Prod. Test: ____ bbls.oil, ____ bbls water in ____ hrs, ____ min. Choke Size ____

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): ____ bbls.oil, ____ bbls water in ____ hrs, ____ min. Choke Size ____

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: 404 MCF/Day; Hours Pumped 24

Choke Size ____ Method of Testing: Orifice Meter

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): 15,000# Sand & 14,370 gals. water

Casing Press. 500 Tubing Press. 400 Date first new oil run to tanks ____

Oil Transporter McWood Corporation, Abilene, Texas

Gas Transporter El Paso Natural Gas Co., Farmington, New Mexico

Please indicate location:

D	C	B	A
E X	F	G	H
L	K	J	I
M	N	O	P

1606' FNL, 928' FWL (FOOTAGE)

Tubing, Casing and Cementing Record

Size	Feet	Sax
8 5/8	305	190
5 1/2	6855	665
2 3/8	6787	

Remarks: Condensate Test - Pumped 16 bbls. of 54° API @ 60°
Condensate in 24 hours.

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

Approved JUL 20 1962, 19....

OIL CONSERVATION COMMISSION

By: [redacted]

Title Supervisor

NMOCC(4) HDH ABC

Continental Oil Company (Company or Operator)

By: Original Signed By: H. D. HALEY (Signature)

Title District Superintendent

Send Communications regarding well to:

Name H. D. Haley

Address Box 3312, Durango, Colorado

RECEIVED
JUL 20 1962
OIL CON. COM.