

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.5. LEASE DESIGNATION AND SERIAL NO.
LC 029509(a)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Baish "A"

9. WELL NO.

12

10. FIELD AND POOL OR WILDCAT

Maljamar Abo & Baish Wolfcamp

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 21-17S-32E12. COUNTY OR PARISH
Lea13. STATE
New MexicoWELL COMPLETION OR RECOMPLETION REPORT AND LOG *
HOBBS OFFICE O. C. C.
APR 14 8 34 AM '641a. TYPE OF WELL: **Dual** OIL WELL ☒ GAS WELL ☐ DRY ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

Continental Oil Company

3. ADDRESS OF OPERATOR

Box 460, Hobbs, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 660' FNL & 660' FFL, Sec 21-17S-32E, Lea**County, New Mexico, NMPM.****At top prod. interval reported below Same.****At total depth Same.**

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED
11-22-6316. DATE T.D. REACHED
2-17-6417. DATE COMPL. (Ready to prod.)
3-5-6418. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
4027 DF19. ELEV. CASINGHEAD
401220. TOTAL DEPTH, MD & TVD
13,717' TD21. PLUG, BACK T.D., MD & TVD
9,900' PBD22. IF MULTIPLE COMPL., HOW MANY*
2-Wolfcamp & Abo23. INTERVALS DRILLED BY
0-13,717'

CABLE TOOLS

0

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Abo 8905-897725. WAS DIRECTIONAL SURVEY MADE
Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-Sonic, Dual Induction & Microlog27. WAS WELL CORED
Yes

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	54.5	880	17 1/2	900 - Circulated	None
9 5/8	40 & 36	4570	12 1/2	1950 - Circulated	None
7	26 & 29	10850	8 3/4	1220 - Top cat @ 3000'	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2 3/8	8900	Baker Model D @ 9785'

31. PERFORATION RECORD (Interval, size and number)

Abo. 8905, 8917, 8933, 8946, 8954 & 8977'
w/1 JSPP. Size .45".

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8905-8977'	Acidized w/6000 gals acid
Abo	

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
Abo 3-4-64		Flowing					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
3-5-64	22	14/64"	→	130	904	35 Acid Wtr.	6954	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
1500	Pkr	→	142	986	38	48°		
ANALYSIS OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY		

TEST WITNESSED BY

J. R. Cook34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Sold to Continental Oil Company - Maljamar Gasoline Plant

35. LIST OF ATTACHMENTS

Wolfcamp information.

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

SIGNED

TITLE **Staff Supervisor**DATE **4-3-64**

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

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 MEASUREMENTS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38	GEOLOGIC MARKERS	
					NAME	MEAS. DEPTH
Paddock-Core #1	5386	5413	Rec 25'. 12' sh, no show. 13' dolo, NS. None analyzed.		Rustler	810
Paddock-Core #2	5413	5456	Rec 27'. 10' sh, NS. 4' dolo, NS. 5' dolo w/slight show. 8' dolo w/gd odor, fair to gd show. Analyzed last 17'		T/Salt	932
Abo-Core #3	8850	8900	Rec 46' dolo. All anal. 13.5' show, 32.5' NS.		Cowden	1817
Abo-Core #4	8900	8920	Rec 20' dolo. Anal 12'. 12' show. 8' NS.		Tansil	1983
Abo-Core #5	8920	8963	Rec 42' dolo. 31' of show, 12' NS.		Yates	2140
DST #1-Abo	8895	8963	Tool opn 2 hrs, 35 min. Str blow of gas to surf in 5 min. Oil to surf in 1 hr & 35 min. Flowed 11.2 PG in 1 hr thru 5/8" BHC & 1" surf ch. Gas 760 MCF. HP in & out 3958. ISIP 300, FFP 277, FFP 640, FSP 2957. Temp 130°.		Seven Rivers	2494
Abo-Core #6	8963	8995	Rec 28'. 6' dolo, vuggy poro, GS. 12' dolo, fracs & fair show. 10' das dolo, NS. Analyzed 22'.		Queen	3100
DST #2-Abo	8965	8995	Tool opn 2 hrs. GTS in 27 min. HP in & out 4000. ISIP 3145, FFP 42, FFP 42, FSP 3145. Rec 180' free oil, 150' oil & gas cut mud. Temp 134°.		Grayburg	3483
					San Andres	3864
					Lovington	3992
					Glorieta	5350
					L. Paddock Pay	5433
					Abo	7550
					Abo Pay	8914
					Wolfcamp	9048
					Wolfcamp Pay	9826
					Cisco	10373
					Canyon	10945
					Strawn	11396
					Atoka	11688

(Continued on back of attached sheet)

(Continued on back of attached sheet)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

HOBBS OFFICE O.C.C.

APR 14 8 34 AM '64

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. LC 029509 (a)	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Continental Oil Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR Box 460, Hobbs, New Mexico		8. FARM OR LEASE NAME Baish A	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface At top prod. interval reported below At total depth		9. WELL NO. 12	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED		16. DATE T.D. REACHED	
17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	
19. ELEV. CASINGHEAD		12. COUNTY OR PARISH Lea	
13. STATE New Mexico		10. FIELD AND POOL, OR WILDCAT Maljamar Abo & Baish Wolfcamp	
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Wolfcamp 9826-9882'		25. WAS DIRECTIONAL SURVEY MADE	
26. TYPE ELECTRIC AND OTHER LOGS RUN		27. WAS WELL CORED	
CASING RECORD (Report all strings set in well)			
CASINO SIZE		WEIGHT, LB./FT.	
DEPTH SET (MD)		HOLE SIZE	
CEMENTING RECORD		AMOUNT PULLED	
29. LINER RECORD			
SIZE		TOP (MD)	
BOTTOM (MD)		SACKS CEMENT*	
SCREEN (MD)		30. TUBING RECORD	
SIZE		DEPTH SET (MD)	
PACKER SET (MD)		Wolfcamp 9826-9882'	
31. PERFORATION RECORD (Interval, size and number) Wolfcamp, 9826, 9827, 9828, 9834-9848, 9862, 9863, 9864 & 9868-9882' w/i JSPF. Size .45"		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. 9826-9882' Acidized w/2000 gals 15% acid. Wolfcamp	
33.* PRODUCTION			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
WELL STATUS (Producing or shut-in) Producing		DATE OF TEST	
HOURS TESTED		CHOKE SIZE	
PROD'N. FOR TEST PERIOD		OIL—BBL.	
GAS—MCF.		WATER—BBL.	
GAS-OIL RATIO		OIL GRAVITY-API (CORR.)	
FLOW. TUBING PRESS.		CASING PRESSURE	
CALCULATED 24-HOUR RATE		OIL—BBL.	
GAS—MCF.		WATER—BBL.	
TEST WITNESSED BY J. R. Cook		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold to Continental Oil Company - Maljamar Gasoline Plant	
35. LIST OF ATTACHMENTS			

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

SIGNED _____

TITLE _____

DATE _____

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

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 38, 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 38. 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.	38. GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH TRUE VERT. DEPTH
Abc-Core#7	8995	9027	Rec 29.5' of dolo, to to brn. Scatt vuggy poro w/small scatt frac w/fracs bldg oil & some gas. 26' of fair-good show.	Mississippian	12,510
DST #3-Abo	9003	9027	Tool opn 2 hrs. FSI 2 hrs. Rec 7147' sulphur wtr. HP 4000, ISIP 3312, IFP 1277, FFP 3145, FSIP 3353, FFP 3979, Temp 134°. GTS in 21 mins.	Morrow	12,010
DST #4-Wolfcamp	9802	9880	Tool opn 1 hr & 50 min. Rtr to surf in 30 min. GTS in 7 min. Rec 30 bbls oil in 1 hr. ISIP time 15 mins. ISIP 3666, IFP 790, FFP 1676, FSIP 3645. HP, in 4105 & out 4505. Temp 158°. Gas vol 444 MCF. GOR 617.	Lake Valley	12,933
DST #5-Cisco	10710	10795	Tool opn 2 hrs. Rec 4841' of oil, 150' oil & gas cut mud w/trace of wtr, ISIP 4693, IFP 341, FFP 875, FSIP 4063. HP in 5134, out 5134. Temp 168°.	Woodford	13,504
DST #6-Strawn	11455	11500 (Incomplete)	Tool opn 1 hr. Rec 5' drlp mud. ISIP 21, IFP 21, FFP 21, FSIP 21. HP in & out 6465. Temp 184°.	Devonian	13,619
DST #7-Devonian	13470	13642	Packer failed to hold.		
DST #8-Devonian	13425	13642	Rec 1000' wtr blanket & 180' drlg mud. Tool opn 1 hr. Rk blow of air for 25 min & died.		

(Continued on attached sheet)
U.S. GOVERNMENT PRINTING OFFICE: 1963-O-663636

37. Summary of Porous Zones: (continued)

DST #8-Devonian	Continued	
DST #9-Devonian	13660	13717
	ISIP 726, FFP 64, FFP 641, FSP 705, IP in 6 out 6786. Temp 162°.	
	Tool run 1 1/2 hrs. Strong blow of air decr to dead in 1 1/4 hrs. No gas. Rec 1000' wtr blanket, 1850' drlg mud, 3125' salty sulphur wtr. ISIP 5386, FFP 2013, FFP 5134, FSP 5344. IP in 6829, out 6743. Temp 182°.	